Standard Horizon Quantum Series Fixed Mount VHF Marine Radios

STANDARD HORIZON

NEW ITEM



Standard Horizon Quantum GX5000S 25 Watt Commercial Grade Class D VHF Marine Radio

The QUANTUM (GX5000S) is the first VHF radio on the market to utilize wireless Bluetooth® technology. The optional Bluetooth® Headset allows the user hands free voice activated or Push-to-Talk operation. The GX5000S features Class D DSC, 30W PA with listen back, fog signaling, bells and whistles. The GX5000S also has Standard Horizon's DSC position polling feature. This feature allows you to contact and display on the VHF the position of another vessel equipped with a DSC radio also connected to a GPS. When interfaced with a Standard Horizon GPS Chart Plotter, the polled vessel's position will also show up on the display of the chart plotter. The QUANTUM is backed by an industry leading 3 year waterproof warranty.

607059 (GX5000S) Black **$352.95 B**

STANDARD HORIZON

NEW ITEM



Standard Horizon Quantum GX5500S 25 Watt Commercial Grade Class D DSC VHF Marine Radio

The Quantum (GX5500S) has all the features of the GX5000S with the addition of a FULL Dot Matrix LCD Display and an alphanumeric keypad, which allows direct entry of channels for quick channel selection, DSC alphanumeric information. Other great features include Bluetooth® wireless headset technology, user changeable channel names, remotable ClearVoice noise canceling speaker microphone, 4.5 Watt audio output with Audio (bass and treble) Tone Control, NOAA Weather Alert, programmable Priority Scan and Dual Watch. The GX5500S also has Standard Horizon's DSC position polling feature. For secure communications an optional voice scrambler is available. The QUANTUM is backed by an industry leading 3 year waterproof warranty.

607061 (GX5500S) Black **$452.95 B**

Standard Horizon Matrix Series Fixed Mount VHF Marine Radio



Standard Horizon Matrix Series Fixed Mount VHF Marine Radio

The DSC DISTRESS function when activated transmits a digital MAYDAY including vessel identification, Latitude / Longitude and time (with GPS connected), to facilitate prompt response. Advanced receiver technology rejects the reception of unwanted signals from pagers and other unwanted VHF frequencies. Audio Tone Control allows the treble and bass of the speaker audio to be adjusted for best listening. The effect is similar to adjusting the treble and bass controls on a stereo. Clear Voice Noise Reduction Technology eliminates unwanted background noises like engines and wind during transmission. A big, bold display, contrast and brightness can be adjusted for situations where the radio cannot be mounted directly in front. Includes a 30W Loud Hailer with Fog signals; Bells and Whistles with listen back. Radio operation and channel selection is made easy (even with gloves) with the oversized volume, squelch and channel selector knobs. 3 year waterproof warranty.

607063 (GX3000S) Black **$197.95 B**
607079 (MMB84) Flush Mount Bracket **$17.95 D**

Standard Horizon Quest-X Fixed Mount VHF Marine Radio



Standard Horizon Quest-X Fixed Mount VHF Marine Radio

Oversized Alphanumeric LCD. Flush Mount Capability. Microphone with 16/9 Key and Channel Selection. Display Shows Channel Names and Repeats the GPS Information*. Capable of Connecting the Optional Enhanced RAM+ Second Station Remote Microphone or VH-310 telephone style handset. Oversized Rotary Channel Selector. Digital Selective Calling Class-D (EN301-025). DSC Distress Call Automatically Broadcasts Lat/Lon and Vessel ID*. DSC Position Request Function and NMEA Data Input/Output. Lat/Lon and SOG/COG Display. Channel Name Capability. One-Button Access to Channel 16 and 9. Submersible Construction. Versatile User-Programmable Scanning, Priority Scan and Dual Watch. Programmable Scan and CH16 Dual Watch. Backlit with Adjustable LCD Contrast. *With GPS attached.

607057 (GX1500S) White **$177.95 B**
607079 (MMB84) Flush Mount Bracket **$17.95 D**

Standard Horizon Eclipse DSC Fixed Mount VHF Marine Radios

STANDARD HORIZON

NEW ITEM



Standard Horizon Eclipse DSC Fixed Mount VHF Radios

The Eclipse DSC is affordable and ultra compact, designed with an advanced die-cast chassis make this full functioning 25 Watt VHF radio the perfect choice for serious power and sail boaters alike. Additional advanced features include large easy to ready LCD which displays LAT/LON or channel names, Programmable Scan, Priority Scan, and Dual Watch, All USA/International and Canadian Marine Channels, NOAA Weather channels with weather alert, and SC-101 DSC Digital Selective Calling including; Position requesting and Position reporting with NMEA in/output to a GPS Chart plotter. The Eclipse DSC is backed by an industry leading 3-year waterproof warranty.

607050 (GX1000SB) Black **$100.95 B**
607052 (GX1000SW) White **$100.95 B**

Standard Horizon VHF Marine Radio Packages

STANDARD HORIZON

marpac THE AFFORDABLE ALTERNATIVE™



Standard Horizon VHF Marine Radio Package

Eclipse DSC Fixed Mount VHF Radio (607052)

Marpac VHF Antenna (7-0127)

Stainless steel ferrule fits standard 1-1/4" thread bases. Extended brass center element provides extra durability & long life. Sturdy fiberglass construction with a smooth white finish. One section, 8' long, 6 db gain, PF259 connector included.

Stainless Steel Ratchet Mount (744917)

4-way ratchet with handle for deck or bulkhead mounting. Direct feed-thru hole for coax cable. Standard 1"-14 male threads.

607049 (Eclipse Radio Package) White **$148.95 B**

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STANDARD HORIZON

Shakespeare



Standard Horizon VHF Marine Radio Package

Eclipse DSC Fixed Mount VHF Radio (607052)

Shakespeare 3' Low Profile Antenna (605561)

End-fed 1/2 wave stainless steel antenna. 1" - 14 thread chrome plated brass ferrule.

Stainless Steel Ratchet Mount (7-1330)

Can be mounted on any standard 1" or 7/8" railing. Direct feed-thru hole for coax cable. Standard 1"-14 male threads.

607051 (Eclipse Radio Package) White **$173.95 B**

ICOM IC-M604 VHF Marine Transceiver



ICOM IC-M604 VHF Marine Transceiver

- The ICOM M604 powerful 5.0W (typical) audio output from the front facing speaker further increases the audibility and quality of received calls.
- IPX-7 Submersible Waterproof.
- Built in Class D DSC.
- Favorite Channel Button that allows you to put your most used channels at a touch of a button.
- Plug and play speakermic allows for easy installation from the back of the radio, or front. 2-way 30W Hailer, RX repeater and Fog Horn.
- Force 5 audio with 5 watts of audio for loud and clear reception even in noisy conditions.
- NMEA input/output for GPS receiver connection (Position Send, Position Request, and Group Call data all shown on the display).
- Huge backlit LCD display is easy to see in bright sun, or in the dark of night.
- Dual AND Tri watch, plus multiple scan modes including ICOM's exclusive "tag" scan which is the easiest to use in the industry.
- External speaker connection.
- Built in intercom when used in conjunction with the, COMMANDMIC II or COMMANDMIC III. Up to 2 COMMANDMIC IIIs with full radio integration.
- Dimensions: 8-21/32" W x 4-11/32 H x 4-5/16" D.

788100 (M604-21) Black **$641.95 B**
788022 (MB-75) Flush Mount Kit - Stainless Steel **$28.95 D**

ICOM IC-M504 VHF Marine Transceiver



ICOM IC-M504 VHF Marine Transceiver

- IPX8 submersible PLUS.
- ITU Class D DSC.
- Superior receiver performance.
- 25W hailer/RX speaker and auto foghorn.
- Instant access to Ch. 16 and call channel.
- Convenient "TAG" scanning function with simple add/delete.
- Large LCD with dot-matrix characters.
- Position request and position report.
- Excellent audio output power.
- Dual/tri-water function for monitoring Ch. 16 and/or call channel.
- 7 levels adjustable backlit display and keypad.
- Dimensions: 6-1/2" W x 4-11/32" H x 4-27/32" D.

788017 (M504-01) Black **$346.95 B**
788022 (MB-75) Flush Mount Kit - Stainless Steel **$28.95 D**

ICOM IC-M422 VHF Marine Transceivers



788013



ICOM IC-M422 VHF Marine Transceivers

- Built-in DSC meets RTCM SC-101.
- Digital Selective Calling Features.
- Position Request and Position Report with External GPS Receiver.
- New public address (PA) and RX speaker functions.
- Force 5 Audio.
- Submersible (1m depth for 30 minutes.).
- Large 2-digit channel with scrolling names.
- 7-step keypad backlighting.
- 4-step LCD contrast.
- Dual watch and Tri-watch functions.
- Simple and easy tag scanning system.
- NOAA weather channels with alert function.
- Low voltage indicator for low battery alert.
- Dimensions: 6-15/32" W x 3-1/16" H x 5-15/32" D.

780079 (M422-01) Black **$224.95 B**
780080 (M422W-02) White **$224.95 B**
788013 (HM-157B) Commandmic Remote Control, Black **$135.95 D**

ICOM IC-M422 VHF Marine Transceiver Package

Package includes: **780079** (M422-01) VHF Marine Transceiver - Black and **788013** (HM-157B) Commandmic Remote Control - Black.

780000 (IC-M422 Radio Package) Black **$338.95 B**

ICOM IC-M302 VHF Marine Transceiver





779999





780072

ICOM IC-M302 VHF Marine Transceiver

Waterproof submersible. 25 Watt. Fixed mount Compact DSC SC-101. Selectable Dual/Tri Watch. "TAG" Scan System. Weather alert. Alpha numeric labeled channels. 2 lbs. Dimensions: 6" W x 2.63" H x 5.67" D.

780076 (M302W-02) White **$159.95 B**
780074 (M302W-02) White - Six Pack of IC-M302 **$948.95 B**
788020 (MB-69) Flush Mount Kit **$26.95 D**
788023 (MB-92) Dust Cover - White **$8.95 D**

ICOM IC-M302 VHF Marine Transceiver Packages

Package includes: **780076** (M302W-02) VHF Marine Transceiver - White, Shakespeare **606561** (5240-R) 3' Low Profile Antenna and Marpac **7-1330** Stainless Steel Rachet Rail Mount.

780072 (IC-M302 Radio Package) White **$287.95 B**

Package includes: **780076** (M302W-02) VHF Marine Transceiver - White, Marpac **7-0127** Premier VHF Antenna and Shakespeare **744917** (4187) Stainless Steel Rachet Mount.

779999 (IC-M302 Radio Package) White **$208.95 B**

Icom Flush Mount Kit - Stainless Steel

For ICOM IC-M502, IC-M504, IC-M602 and IC-M802 VHF Marine Transcerivers.

788022 (MB-75) **$28.95 D**

Uniden UM525 VHF Marine Radios



Uniden UM525 VHF Marine Radios

All USA, International and Canada Marine Channels. Programmable scan. Triple watch. Step key. Selectable Hi/Lo transmit power. NMEA 0183 digital input and output, allowing the connection of an external GPS and the ability to output DSC call information to a chart plotter to establish call origin. Huge 3" diagonal LCD display. Bright orange backlight on the LCD, radio and microphone keys. 25 watt performance with built-in loud hailer. Class D DSC rated. GPS intuitive. JIS7 tested and certified completely submersible. Easy-grip rubber knobs. An intuitive user interface. Superior audio quality for extreme ease of use. WHAMx4 compatibility. N.O.A.A. Emergency/weather alert.

776737 (UM525) Black **$222.95 D**
776738 (UM525) White **$222.95 D**

Uniden Oceanus DSC VHF Marine Radios



Uniden Oceanus DSC VHF Marine Radios

Mini 90 channel VHF fixed radio with DSC. Program scan. Tri watch. Backlit keypad and LCD readout with icons. Instant Ch. 16 and Ch. 9. Push button channel select. Weather alert. PA. Optional wireless mic capable. Dimensions: 6-1/4" W x 2-1/8" H x 7-7/8" D.

776719 (Oceanus) Black **$152.95 D**
776720 (Oceanus) White **$152.95 D**
557504 (FMB321) Flush Mount Bracket **$12.99 F**
557179 Speaker/Microphone - White **$23.95 D**
557180 Speaker/Microphone - Black **$25.95 D**

Uniden Oceanus DSC VHF Marine Radio Packages

Uniden Oceanus DSC VHF Marine Radio
Mini 90 channel VHF fixed radio with DSC. Program scan. Tri watch. Backlit keypad and LCD readout with icons. Instant Ch. 16 and Ch. 9. Push button channel select. Weather alert. PA. Optional wireless mic capable. Dimensions: 6-1/4" W x 2-1/8" H x 7-7/8" D.

Shakespeare 5101 Centennial™ Antenna
End-fed antenna with matching stub. A new standard of excellence in an economical antenna! Shakespeare brings you the best of the high-end features in an 8' antenna with a brass element and a smooth, high gloss, polyurethane finish that won't turn yellow in the sun. This antenna delivers not only performance, but superb value. White Shakespeare Fiberglass with brass and copper elements. Chrome plated brass ferrule and mount with 1" - 14 threads. One section. Overall length: 8'.

Stainless Steel Ratchet Mount (744917)
4-way ratchet with handle for deck or bulkhead mounting. Direct feed-thru hole for coax cable. Standard 1" - 14 male threads.

778932 (Oceanus Radio Package) Black **$239.95 D**
778944 (Oceanus Radio Package) White **$239.95 D**



Uniden Oceanus DSC VHF Marine Radio
Mini 90 channel VHF fixed radio with DSC. Program scan. Tri watch. Backlit keypad and LCD readout with icons. Instant Ch. 16 and Ch. 9. Push button channel select. Weather alert. PA. Optional wireless mic capable. Dimensions: 6-1/4" W x 2-1/8" H x 7-7/8" D.

Marpac VHF Antenna (7-0127)
Stainless steel ferrule fits standard 1-1/4" thread bases. Extended brass center element provides extra durability & long life. Sturdy fiberglass construction with a smooth white finish. One section, 8' long, 6 db gain, PF259 connector included.

Stainless Steel Ratchet Mount (744917)
4-way ratchet with handle for deck or bulkhead mounting. Direct feed-thru hole for coax cable. Standard 1" - 14 male threads.

776722 (Oceanus Radio Package) White **$212.95 D**



Uniden Oceanus DSC VHF Marine Radio
Mini 90 channel VHF fixed radio with DSC. Program scan. Tri watch. Backlit keypad and LCD readout with icons. Instant Ch. 16 and Ch. 9. Push button channel select. Weather alert. PA. Optional wireless mic capable. Dimensions: 6-1/4" W x 2-1/8" H x 7-7/8" D.

Shakespeare 3' Low Profile Antenna (605561)
End-fed 1/2 wave stainless steel antenna. 1" - 14 thread chrome plated brass ferrule.

Stainless Steel Ratchet Mount (7-1330)
Can be mounted on any standard 1" or 7/8" railing. Direct feed-thru hole for coax cable. Standard 1" - 14 male threads.

776723 (Oceanus Radio Package) White **$237.95 D**



Uniden Solara DSC VHF Marine Radios



uniden

Uniden Solara DSC VHF Marine Radios

All USA, International and Canadian marine channels. Mini 90 channel VHF with basic DSC. 10 weather channels. Instant Ch. 16. 25W/1W player. Large backlit display for enhanced night vision. All channel scan. Unique rubber grip design on the microphone for a quality feel that won't slip out of a wet hand. Dimensions: 6-1/4" W x 2-1/8" H x 7-15/16" D.

776724 (Solara) White **$105.95 D**
776726 (Solara) White - Six Pack of Solara Radios **$636.95 D**
776718 (Solara) Black **$105.95 D**
776716 (Solara) Black - Six Pack of Solara Radios **$636.95 D**

Uniden Solara DSC VHF Marine Radio Packages



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marpac THE AFFORDABLE ALTERNATIVE™

Uniden Solara DSC VHF Marine Radio

All USA, International and Canadian marine channels. Mini 90 channel VHF with basic DSC. 10 weather channels. Instant Ch. 16. 25W/1W player. Large backlit display for enhanced night vision. All channel scan. Unique rubber grip design on the microphone for a quality feel that won't slip out of a wet hand. Dimensions: 6-1/4" W x 2-1/8" H x 7-15/16" D.

Marpac VHF Antenna (End Fed) with Chrome Ferrule (7-0126)

Economical and lightweight white fiberglass. One 8' section. Chrome plated brass ferrule.

Marpac Nylon Ratchet Mount (7-0435)

4-way ratchet with handle for deck or side mounting. Direct feed-thru hole for coax cable. 1"-14 male threads.

778906 (Solara Radio Package) Black **$136.95 D**
778920 (Solara Radio Package) White **$136.95 D**



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Shakespeare

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Uniden Solara DSC VHF Marine Radio

All USA, International and Canadian marine channels. Mini 90 channel VHF with basic DSC. 10 weather channels. Instant Ch. 16. 25W/1W player. Large backlit display for enhanced night vision. All channel scan. Unique rubber grip design on the microphone for a quality feel that won't slip out of a wet hand. Dimensions: 6-1/4" W x 2-1/8" H x 7-15/16" D.

Shakespeare High Quality 36" VHF Antenna (606573)

3 dB gain. Low profile end-fed 1/2 wave. The perfect choice for center console fishing boats, or any vessel where compact size is most important. Overall length 36". 15' RG-58 cable and a PL-259 connector included. Stainless steel whip. One section.

Marpac Nylon Ratchet Mount (7-1329)

Can be mounted on any standard 1" or 7/8" railing. Direct feed-thru hole for coax cable. Standard 1"-14 male threads.

776728 (Solara Radio Package) White **$142.95 D**

Humminbird Model VHF 255S Fixed Mount VHF Radio

HUMMINBIRD



Humminbird Model VHF 255S Fixed Mount VHF Radio
Submersible (JIS-7) design for the maximum durability. DigitalSelective Calling (DSC Class D) for enhanced communication. Convenient handset control of channel, power and 16/9 select. Rotary channel change, squelch and volume for fast, accurate tuning. Large, high visibility 2-1/2" LCD display. All USA, International and Canadian Marine Channels. 10 weather channels with NOAA weather alert. Full 25 watt transmit power. 3 year limited warranty.

403351 (406600-1) Black **$154.95 D**



Waterproof Speakers/Horns
Powerful 5" diameter speaker/horn for outdoor use. White plastic construction with stainless steel hardware. 18" connection wire. 8 watt nominal. 12 watt peak at 8 ohms.

699199 (SPC-5P) White **$14.95 H**

White plastic construction with stainless steel hardware. It is ideal for loud hailers, intercom and auxiliary speaker with its 500 to 7,000 Hz response. Compact (5-1/2" x 5-1/2") and can be mounted on its adjustable base or flush mounted from its bevelled face. 18" connection wire. 20 watt nominal. 30 watt peak at 8 ohms.

699213 (PA-30/20) White **$61.95 H**

This heavy duty commercial 30 watt speaker was designed for use with all marine power hailers. Cycolac construction with adjustable mounting bracket and stainless steel hardware. 18" connection wire. 30 watt nominal. 40 watt peak at 8 ohms.

699249 (PA-40/30) White **$96.95 H**



STANDARD HORIZON

Standard Horizon Loudhailer
30W PA output. Dual zone output forward, aft or all. Noise canceling microphone. Easy push button control. Loud speaker audio.

607078 (VLH-3000) **$266.95 B**



poly-planar inc.

Poly-Planar
Waterproof MB-21 VHF Compact Extension Speaker
Corrosion proof speaker includes stainless steel grill and mounting bracket. Dimensions: 2-1/2" H x 2-1/2" W x 1-1/4" D. 8 watts.

547793 (MB-21) **$32.95 H**

Poly-Planar Waterproof MB-41 VHF Extension Speaker
Corrosion proof speaker includes stainless steel grill and mounting bracket. Dimensions: 4-1/2" H x 4-1/2" W x 2" D. 20 watts.

547818 (MB-41) **$49.95 H**



Marpac External Speaker
6 watt, water-resistant white speaker. Housing-cycolac case. Compatible with all VHF Radios. Includes: Cable, plug, stainless mounting brackets and hardware. Dimensions: 4-1/2" x 4-1/2".

7-0371 **$21.95 F 3Q**



Marpac Microphone Clip
Stainless steel. Dimensions: 1-7/8" x 1". Sold 2 per card.

7-0140 **$4.95 F 3Q**

Standard Horizon Handheld VHF Marine Radios



Standard Horizon Handheld VHF Marine Radio

Submersible 5 Watt Marine Portable VHF. Included Ni-MH Battery Pack (7.2 V 1400 mAh). Dry cell Battery Packand Drop-in 10 hour Charger with AC and DC Power Cable. Submersible (3 feet for 30 minutes). 5 Watts Transmit Power. Highly Legible LCD with Automatic back light. NOAA Weather Alert, Scanning, Dual Watch and more.

607020 (HX270S) **$98.95 B**



Standard Horizon Handheld VHF Marine Radios

Submersible 5 Watt Marine Portable VHF . Smaller, Lighter, unique functions, and built to take the day in punishment of the marine environment. Includes 12VDC and 110VAC overnight charges with drop in base, submersible AA Alkaline battery tray and belt clip. Marine and 40 commercial LMR VHF (dealer programmable) channel capability. 1400mAh Nickel Metal Hydride - 18 hour battery. Unique SOS distress beacon. Oversized LCD with channel names. Speaker mic and voice scrambler capable. 3 year warranty.

607024 (HX370S) Black **$128.95 B**
607025 (HX370SAS) Intrinsically Safe (I.S.) Version **$301.95 B**
607085 (CMP460A) Submersible Speaker/Mic for **607024** **$71.95 D**

NEW ITEM



Standard Horizon "Floating" Handheld VHF Marine Radio - 6 Watt

Drop it on a deck or drop it in the water, the HX750S the most rugged FLOATING handheld VHF on the market. It is ergonomically shaped, internal die cast chassis, heavy duty belt clip, long lasting 1150mAh Li-Ion battery and a full 6-Watts of transmitting power. Advanced features include: built-in thermometer, Volume & Squelch indicator on the display, SOS strobe light, Programmable Scan, Priority Scan, Dual Watch, NOAA Weather Alert and a speaker microphone jack allowing connection of optional accessories. The HX750S, HX760S and HX850S are the ONLY floating handhelds on the market supplied with drop in cradle and both 110VAC and 12VDC chargers. 3 year waterproof warranty.

607028 (HX750S) **$150.95 B**

Humminbird Handheld VHF Radio



Humminbird Model VHF 55s Handheld VHF Radio

Submersible (JIS-7) design for the maximum durability. Rechargeable NiMH battery, AC and DC charges and alkaline battery compartments included. Ergonomic, non-slip rubberized grips. Large, high visibility 2-1/2" LCD display. All USA, International and Canadian Marine Channels. 10 weather channels with NOAA weather alert. Selectable 5 or 1 watt transmit power. Rotary squelch and volume for fast, accurate tuning.

403350 (406490-1) Black **$120.95 D**

ICOM Handheld VHF Marine Radios





ICOM Handheld
VHF Marine Radio - Model M34

Easy to see LCD with large channel indication. Quick channel selection with favorite channel function. AquaQuake draining function emits a vibrating sound that clears water away from the speaker grill. Easy to use, easy to hold. Li-Ion battery and charger standard. Powerful 5W output power. Dual/Tri-watch functions. 4-step battery life indicator. Weather channel with weather alert. 2-step power saver. Auto scan function. Instant access to Ch 16 or Ch 9.

788001 (M34-01)	Black	**$191.95 B**
788111 (HM-165)	Speaker/Microphone	**$72.95 D**

ICOM Handheld
VHF Marine Radio Package - Model M34

Package includes: **788001** (M34-01) Handheld VHF Marine Radio and **788111** (HM-165) Speaker/Microphone.

788135 (Model M34-01 Radio Package) **$305.95 D**



ICOM Handheld
VHF Marine Radios - Model M88

Tough and waterproof the IC-M88 is built to withstand hazardous environments. Even if it is dropped into water, waterproof construction* will protect it from harm. *Equivalent to JIS Grad 7. (1m depth/30 min.). A large, clear LCD with backlighting and backlit buttons make night time operation easy. With the standard battery pack, you can get up to 15 hours of operating time.* Also, no worries about 'memory effect' of the battery with Li-Ion technology. *TX:Rx: Standy-by=5:5:90 with BP-227. 22 free channels are reserved for land use (146-174MHz). Wide/narrow channel spacing is programmable for each channel, and CTCSS and DTCS signalling is built-in. *Appropriate license may be required.

Additional Features. Instant access to Ch. 16 and Ch. 9, simple add/delete TAG scaning, monitor button opens squelch, 2-step power saver, key lock function, 4-step battery indicator, auto WX alert function (U.S.A. version only).

788004 (M88-01)	Black	**$276.95 B**
788005 (M88-11)	Black - Intrinsically Safe (I.S.) Version	**$360.95 B**
788019 (HM-138)	Speaker/Microphone	**$96.95 D**
788031 (BP-227)	Battery - Li-Ion	**$122.95 D**





ICOM Handheld
VHF Marine Radio - Model M72

6 watt handheld. Compact body, great "Form Factor". Impressive Force 5 Audio. Submersible PLUS (IPX8). Wide viewing angle LCD. 30% shorter antenna. Auto scan function to start scanning when receiving no signal. Auto power save function. Battery indicator shows remaining battery power in 4 levels. Instant access to Ch. 16 and Ch. 9 (or call channel). Auto WX scan and WX Alert function. Simple add/delete TAG scanning operation. AquaQuake draining function emits a vibrating sound and clears water away from the speaker grill.

788003 (M72-01)	Black	**$220.95 B**
788012 (HM-167)	Speaker/Microphone	**$93.95 D**
788024 (NC-M1V)	Carry Case - Nylon	**$24.95 D**
788101 (BP-245)	Battery Pack	**$66.95 D**
788123 (HS-94)	Earhook Headset w/Microphone	**$24.95 D**
788035 (OPC-1392)	Adapter Cable - Required when using headset	**$70.95 D**

ICOM Handheld
VHF Marine Radio Package - Model M72

Package includes: **788003** (M72-01) Handheld VHF Marine Radio and **788012** (HM-167) Speaker/Microphone.

779997 (Model M72-01 Radio Package) **$298.95 B**



ICOM Handheld
VHF Marine Radio - Model M2A

Waterproof construction. Dual watch and tri-watch functions. Large, easy-to-read LCD. Simple operation-Ergonomic design with a minimum number of switches and controls provides simple intuitive operation.

788027 (M2A-01) Black **$139.95 B**

Uniden Handheld VHF Marine Radios



uniden

Uniden Atlantis250 Handheld VHF Marine Radios

All USA/International and Canadian Marine Channels. 1W/5W switchable. Backlit LCD display and keypad. Memory channel scan. Weather alert. Instant Channel 16/9/Triple watch. JIS4/CFR46 Waterproof level. Flexible rubber antenna. NiMH and Alkaline battery capablility. AC & DC power cords. 3 year warranty.

776733	(Atlantis250)	White/Gray	**$105.95 D**
776735	(Atlantis250)	Black	**$105.95 D**
577200	(HHSPM)	Speaker/Microphone	**$60.95 D**
557064		Battery Pack for **776733**	**$60.95 D**



uniden

Uniden Voyager Handheld VHF Marine Radio

All USA/International and Canadian Marine Channels. All N.O.A.A. Weather Channels with weather alert. S.A.M.E. weather alert. Mermory scan. 1W/5W transmit power. Meets JIS7 waterproof specifications. Triple watch plus. Backlit keypad and display. Flexible rubber antenna. Rubber grips/seal. Lithium-Ion battery. AC & DC adaptor and charging cradle included. 3 year warranty.

776730 (Voyager) Black **$188.95 D**

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Uniden Accessories for Handheld VHF Marine Radios

556968	Speaker/Mic for HH978XL, HH980 and HH955	**$59.95 D**
557173	Speaker/Mic for Atlantis - White	**$60.95 D**
577200	Speaker/Mic for Atlantis250, Voyager & Mystic - Black	**$60.95 D**
557225	Antenna for HH940	**$12.50 F**
557251	Antenna for LTD925	**$26.95 F**
557061	Battery Pack for LTD925	**$46.95 D**

uniden

Uniden Compact Handheld VHF Marine Radio

All USA/International and Canadian Marine Channels. Black compact VHF handheld radio with backlit LCD display and keypad. Memory channel scan. 1W/5W switchable. Weather alert. Instant Channel 16/9/Triple watch. JIS4/CFR46 Waterproof level. Flexible rubber antenna. Belt clip and handstrap included. 6 AA alkaline battery capablility. (Not included). Optional purchase: Speaker/mic, batteries, radio cradle, AC & DC power cords. 3 year warranty.

776732 (MH120) Black **$82.95 D**



uniden

Uniden Mini Handheld VHF Marine Radio

All USA/International and Canadian Marine Channels. All N.O.A.A. Weather Channels with weather alert. S.A.M.E. weather alert. 1W/5W transmit power. Meets JIS7 waterproof specifications. Triple watch plus. Largest backlit LCD in class. Rubber grips/seal. Two 1100 NiMH batteries included. AC & DC adaptor included. 3 year warranty.

776734 (MHS350) Black **$165.95 D**



NEWMAR



Newmar AQ-20L/R Waterproof Case for Handheld VHF Marine Radios

Protects handheld radios from rain, salt-spray dust and high humidity environments. Certified 100% waterproof to a depth of 60 ft. Will float if dropped overboard. Durable PVC construction - UV stabilized to resist deterioration caused by sunlight. See-through design allows easy viewing. Sound is virtually unimpeded. For standard size handhelds with antenna. Safety lanyard included.

699188 (AQ-20L/R) **$54.95 H**

Pioneer CD Receivers



Pioneer In-Dash CD/MP3/WMA/WAV/iTunes AAC Receiver with Full-Color Organic EL Display

- Full-Color OEL Display with Customizable Displays
- MP3 Playback Compatibility Supports MP3, WMA, WAV, iTunes AAC
- Customizable Screensavers Update by CD-R
- Screensaver Studio website, Screensaver Movies 1
- Rotary Commander for Easy File Searches
- iPod Adapter and SAT Radio Ready
- 24-station/6-button presets (18 FM/6 AM)
- XM Radio Ready (GEX-P920XM Required)
- Sirius Radio Ready (SIR-PNR2 Required)
- AGC (Automatic Gain Control)
- Tag Data Track, Artist, Album, Comment
- Multi-CD Control, DVD Control
- Built-in Auxiliary Input Built-in (Rear)
- Multi-Language English, French, Spanish
- Button (Key) Illumination All-Blue
- Volume Control Rotary Commander
- Operation Mode Rotary Commander
- CD-R/CD-RW compatible
- Display Output
- List Search File and Folder
- Face Type Flap Face
- Remote Control 10-Key Card
- Wired Remote Input
- Cellular Mute
- Detachable Face Security
- Face Case (Included)
- Warranty 1 Year

559155 (DEH-7800MP) **$433.95 D**



Pioneer CD Receiver with iPod Direct Control, 7-Way Rotary Commander and Front AUX Input

- Local Station Setting Selectable (4-Step) Selectable (4-Step)
- HD Radio Ready External Control Only External Control Only
- Sirius Radio Ready (CD-SB10 and Tuner Required)
- MP3, WMA, WAV, iTunes AAC Playback
- Remote Control Included
- 24-Station/6-Button (18FM/6AM) Presets
- XM Radio Ready (GEX-P920XM Required)
- Sirius Game Alert and Game Zone
- AGC (Automatic Gain Control)
- Disc List
- CD Text
- Detachable Face Security
- XM and Sirius Radio Ready
- Supertuner IIID
- BSM (Best Stations Memory)
- Digital Radio Capability
- CD-R/CD-RW Compatible
- Disc Title Memory
- Track Title List
- BMX Digital Enhancement
- Warranty 1 Year

559157 (DEH-3000IB) **$239.95 D**



Pioneer CD Receiver with 2-Line OEL Display, USB Direct Control of iPod and 7-Way Rotary Commander

- Advanced Sound Retriever restores the rich, full, dynamic sound to compressed music
- Local Station Setting Selectable (4-Step) Selectable (4-Step)
- Sirius Radio Ready (CD-SB10 and Tuner Required)
- MP3 Playback Compatibility Supports MP3, WMA, WAV, iTunes AAC
- Bluetooth Capable Yes (CD-BTB200 Required)
- Hands-Free Profile (HFP) (w/CD-BTB200)
- Audio Streaming Profile (A2DP) (w/CD-BTB200)
- Audio Control Profile (AVRCP) (w/CD-BTB200)
- iPod Control Capability USB Control (CD-IU50 Required)
- Display Type - Segmented Organic EL (OEL)
- Dot Matrix OEL Size - 2 Line, 16 Characters
- Flap Face with 2-Line OEL Display
- 24-station/6-button presets (18 FM/6 AM)
- HD Radio Ready-External Control Only
- XM Radio Ready (GEX-P920XM Required)
- Sirius Game Alert and Game Zone
- Disc Title Memory
- Track Title List
- Detachable Face Security
- Supertuner IIID
- BSM (Best Stations Memory)
- Digital Radio Capability
- CD-R/CD-RW Compatible
- AGC (Automatic Gain Control)
- Disc List
- CD Text
- Warranty 1 Year

559156 (DEH-5000UB) **$309.95 D**



Pioneer CD Receiver with MP3/WMA Playback, Remote Control and AUX Input

- Connect your portable devices directly through the front AUX input
- Local Station Setting Selectable (On/Off) Selectable (4-Step)
- 1-bit D/A Converter Yes (8fs/16-bit) Yes (8fs/16-bit)
- MP3 Playback Compatibility, Codec Support MP3, WMA, WAV
- Wireless Remote Control included
- 24-Station/6-Button (18FM/6AM) Presets
- CD-R/CD-RW Compatible
- CD Text
- Built-in Auxiliary Input (Front)
- Warranty 1 Year
- Supertuner IIID
- BSM (Best Stations Memory)
- AGC (Automatic Gain Control)
- BMX Digital Enhancement
- Detachable Face Security

559158 (DEH-2000MP) **$191.95 D**

JBL Sirius®-Ready Satellite Radio Packages







JBL MR-32S Sirius®-Ready AM/FM/CD Receiver (559031)

Splash-proof face. Sirius-Ready. Sirius direct channel tuning. 208 watts (4 x 52). Preamp outputs (2 pairs). Flip-down face. ESP (Electronic Shock Protection). iPod-Ready (aux-in). Electronic tuning with scan/seek. Wired remote ready. 6 AM and 18 FM station presets. Positive LCD display. Electronic volume/balance/bass/treble/ and fader control. Rolled silicone rubber buttons. Fits existing opening if using RTR-5200 or RTR600. Installation size: 7-1/8" W x 2-1/8" H x 6-3/4" D. Overall size: 9-5/8" W x 4-1/4" H x 7-7/8" D.

JBL SIR2.5 Sirius Satellite Receiver (528880)

Includes: Mounting bracket & 2-wire hookup: Antenna & 6' data cable coming from radio. Dimensions (not including bracket): 5-1/8" W x 1-1/8" H x 3-3/16" D.

Shakespeare Galaxy Style Low-Profile Satellite Radio Antenna Kit - SRA-40 (606353)

This antenna brings SIRIUS Satellite Radio programming to your boat. The antenna's sleek, white, ASA plastic housing is unobtrusively low-profile at only 3.5″ diameter by 1.35″ high.

528875 Silver **$450.95 D**







JBL MR-17W Sirius®-Ready AM/FM/CD Receiver (559039)

Sirius-Ready. Power Output: 180 watts (4 x 45). Aux in. Intro scan. Flip Down Face. Rotary encoder multi-control. Wired Remote Ready. Electronic volume control. Bass/treble/balance controls. Preamp fader control. Positive Display. CD changer control. Line output terminals (x 2 pairs). ESP (Electronic Shock Protection). Volume attenuator. Random/repeat play. Beep-tone support. Detachable control panel with carrying case. Installation size: 7-1/8″ W x 2-1/8″ H x 6-3/4″ D. Overall size: 7-3/8″ x 2-1/4″ H x 1″ D.

JBL SIR2.5 Sirius Satellite Receiver (528880)

Includes: Mounting bracket & 2-wire hookup: Antenna & 6' data cable coming from radio. Dimensions (not including bracket): 5-1/8" W x 1-1/8" H x 3-3/16" D.

Shakespeare Galaxy Style Low-Profile Satellite Radio Antenna Kit - SRA-40 (606353)

This antenna brings SIRIUS Satellite Radio programming to your boat. The antenna's sleek, white, ASA plastic housing is unobtrusively low-profile at only 3.5″ diameter by 1.35″ high.

528876 (MR17WPKG) White **$370.95 D**

JBL Sirius®-Ready AM/FM/CD Receivers



JBL Sirius®-Ready AM/FM/CD Receiver

- Sirius-Ready
- Splash-proof face
- Flip-down face
- Wired remote ready
- Preamp outputs (2 pairs)
- Installation size: 7-1/8" W x 2-1/8" H x 6-3/4" D
- Fits existing opening if using RTR-5200 or RTR600
- Sirius direct channel tuning
- 6 AM and 18 FM station presets
- ESP (Electronic Shock Protection)
- Balance/bass/treble/fader controls
- Electronic tuning with scan/seek
- Overall size: 9-5/8" W x 4-1/4" H x 7-7/8" D
- Power output: 208 watts (4 x 52)
- iPod-Ready (aux-in)
- Positive LCD display
- Electronic volume control
- Rolled silicone rubber buttons

559031 (MR-32S) Silver **$326.95 D**



JBL Sirius®-Ready AM/FM/CD Receiver

- Sirius-Ready
- Line output terminals (x 2 pair)
- ESP (Electronic Shock Protection)
- Rotary encoder multi-control
- Preamp fader control
- Random/repeat play
- Installation size: 7-1/8" W x 2-1/8" H x 6-3/4" D
- Power output: 180 watts (4 x 45)
- iPod-Ready (aux in)
- Positive display
- Wired remote ready
- Electronic volume control
- Intro scan
- Overall size: 7-3/8" W x 2-1/4" H x 7-3/4" D
- Waterproof face
- Flip-down face
- Unique, two-line display
- Bass/treble/balance controls
- Volume attenuator
- Beep-tone support

559045 (MR-18S) Silver **$264.95 D**



JBL Sirius®-Ready AM/FM/CD Receivers

- Sirius-Ready
- Line output terminals (x 2 pair)
- ESP (Electronic Shock Protection)
- Wired remote ready
- Electronic volume control
- Random/repeat play
- Beep-tone support
- Installation size: 7-1/8" W x 2-1/8" H x 6-3/4" D
- Sirius direct channel tuning
- iPod-Ready (aux in)
- Positive display
- Bass/treble/balance controls
- Volume attenuator
- Intro scan
- Detachable control panel with carrying case
- Overall size: 7-3/8" W x 2-1/4" H x 7-3/4" D
- Power output: 180 watts (4 x 45)
- Flip-down face
- Rotary encoder multi-control
- Preamp fader control
- CD changer control
- 20 Sirius presets
- Available in Silver (S) or White (W)

559039 (MR-17W) White **$236.95 D**
559040 (MR-17S) Silver **$236.95 D**

JBL Sirius®-Ready AM/FM/CD Receiver



JBL Sirius®-Ready AM/FM/CD Receiver

- Sirius-Ready
- Fixed face
- Wired remote ready
- Volume attenuator
- Aux in
- European tuning
- Sirius direct channel tuning
- ESP (Electronic Shock Protection)
- Preamp fader control
- Random/repeat play
- Dual pre-outs
- Installation size: 7-1/8" W x 2-1/8" H x 6-3/4" D
- Power output: 180 watts (4 x 45)
- Positive display
- Electronic volume control
- Intro scan
- 20 Sirius presets
- Overall size: 7-5/16" W x 2-1/4" H x 7-3/4" D

559034 (MR-160S) Silver **$212.95 D**

JBL AM/FM/CD Receivers



JBL AM/FM/CD Receivers

- Power output: 180 watts (4 x 45)
- Positive display
- Preamp fader control
- Random/repeat play
- Installation size: 7-1/8" W x 2-1/8" H x 6-3/4" D
- Fixed face
- Single line output terminal
- Electronic volume control
- Intro scan
- Overall size: 7-5/16" W x 2-1/4" H x 7-3/4" D
- ESP (Electronic Shock Protection)
- Wired remote ready
- Volume attenuator
- Aux in

559029 (MR-140S) Silver **$181.95 D**
559032 (MR-140B) Black **$181.95 D**

Amplifiers



Pioneer 4-Channel Amplifier

600 watts maximum power. Load impedance capability: 2~8 Ohm (Stereo), 4~8 Ohm (Bridged). Continuous power bridged (4 ohm): 150W x 2. Frequency response: 10Hz ~ 50kHz. Continuous power (4 ohm): 60W x 4. Continuous power (2 ohm): 75W x 4. Signal-to-noise ratio: 95dB. Dimensions: 11-13/16" x 2-3/8" x 13-1/8".

559164 (GM-6300F) **$287.95 D**



559186



559191

JBL 2-Channel or 4-Channel Amplifiers

Fully marinized circuit boards to keep salt and corrosion away from the critical circuit path. Onboard 12dB electronic crossovers to provide tuning options for systems of any size. Variable bass-boost circuit provides additional bass tuning. Large-gauge barrier strips allow easy hookup and use of larger-gauge premium power, ground and speaker cable.

160 Watts at 2 ohms, 60W RMS x 2 channels at 4 ohms, less than or equal to 1% THD + N. Dimensions: 9" L x 10-1/4" W x 2-3/16" H.

559186 (MA6002) **$174.95 D**

320 Watts at 2 ohms, 60W RMS x 4 channels at 4 ohms, less than or equal to 1% THD + N. Dimensions: 13-1/4" L x 10-1/4" W x 2-3/16" H.

559191 (MA6004) **$215.95 D**

JBL MCDC100-2 6-CD Changer

JBL MCDC100-2 6-CD Changer
CD-R compatible. Shockproof, full-floating mechanism. Angled mounting capability. Track-error recovery system. 1-Bit DAC. High-precision, 3-beam-laser pickup. Fast CD access. Mounting bracket supplied. Magazine-lock function. Hang-mount capability. Dimensions: 9" W x 2-5/8" H x 6-5/8" D.

559154 (MCDC100-2) **$217.95 D**



JBL Sirius® Satellite Receivers



NEW ITEM

JBL Sirius® 3.0 Satellite Receiver
New Sirius 3.0 technology. Includes: Mounting hardware and 15' data cable. Two-wire hookup: antenna and data cable. Dimensions (not including bracket): 3-7/16" W x 3-5/16" L x 1-3/8". Compatible JBL Sirius 3.0-Ready radios: JBL MBB2.3/2.7, JBL MR17.3, JBL MR32.3, JBLMBB3.3/3.4 and JBLMR18.3.

528874 (SCCI) **$213.95 D**



JBL SIR2.5 Sirius® Satellite Receiver
Specifically engineered to work with JBL Sirius-Ready radios: JBL MR160S, MR17S/W, MR32S, MR18S, MBB218 MBB219, MBB319 as well as older JBL Sirius-Ready models. Includes: Mounting bracket. 2-wire hookup: antenna and 6' data cable coming from radio. Dimensions (not including bracket): 5-1/8" W x 1-1/8" H x 3-3/16" D. Sirius Satellite antenna not included.

528880 (SIR-2.5) **$95.95 D**

JBL Black Box Stereo Systems

The black box system reduces the potential problem of water intrusion in a marine stereo by including a waterproof faceplate as well as a separate box that functions as the "brain" of the unit that can be placed anywhere. This box allows boaters to put it in an area that is protected from water. The black box chassis is a corrosion proof, molded poly chassis. Rather than including a CD player as standard equipment with these units, they feature aux-in so that users can bring along an MP3 player or a variety of other types of media. With two choices for the black box itself as well as several different faceplates options, the black box is an extremely versatile system.

JBL MBB219 Sirius®-Ready AM/FM Receiver
Consists of **559229** (MC19) faceplate and MBB2 Black Box. Original black box. Can be mounted anywhere to protect stereo from water damage. Rust-proof, splash-resistant housing. Sirius-Ready. Aux-in. Dual pre-outs. 4 x 45 watts. AM/FM with CD changer control (no CD mechanism in unit). European tuning. Dimensions (including brackets): 8-1/8" W x 6-9/16" H x 1-5/8" D.

559217 (MBB219) **$243.95 D**

JBL MBB319 Sirius®-Ready AM/FM Receiver
Consists of **559229** (MC19) faceplate and MBB3 Black Box (Portable Media Edition). Has all features of the original MBB2 black box plus: Made for iPod - features controller and readout. USB 2.0 for playing audio files - features controller and readout. Built-in hard drive with 1 GB of storage (about the size of 20 CDs). Subwoofer output.

559205 (MBB319) **$353.95 D**

JBL Commander/Remote with Display
Submersible underwater. Can be used with Black Box systems. iPod controller. AM/FM tuner. Unique two-line display. CD-changer control (no CD mechanism in actual unit). Dimensions: 6.73" W x 3.97" H.

559229 (MC19) **$183.95 D**



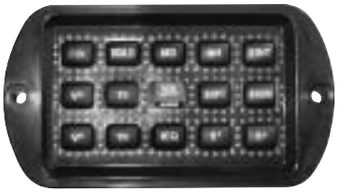
JBL Remote Controls



JBL REM45 Wired Remote Control with Display

Wired Remote with display for use with JBL Sirius-Ready radios: MR32S, MR18S, MR17S/W, MBB218, MBB219 and MBB319 only. Displays SIRIUS text: Artist, Song, Channel Name and Category info. Weatherproof. Backlit silicone rubber membranes. 2-line display matches radio. Can adjust bass, treble, fader and balance by using the select button. Sealed tack switches. Dimensions: 4" W x 2-1/4" H x 3/4" D.

558432 (REM45) **$114.95 D**



JBL REM25 Remote Controls

Weatherproof remote. Sealed tack switches. Backlit silicone rubber membranes. Hard wired. For use with: MR4, MR29, MR35, MR31, MR16 and MR6.

558419 (REM25B) Black **$79.95 D**
558421 (REM25W) White **$79.95 D**



JBL KSREM50 Remote Control

Weatherproof remote. Sealed tack switches. Backlit silicone rubber membranes.

558417 (KSREM50) Black **$79.95 D**



JBL REM20 Wired Remote Controls

2-1/4" gauge dial remote that has raised silicon rubber buttons, it can be flush or surface mounted, and it comes with a full function remote keypad that is backlit with a power light indicator.

558851 (REM20) Black **$79.95 D**
558854 (REM20) White **$79.95 D**



JBL REM40 Full-Featured Wireless RF Remote Control

Full-Featured Wireless RF Remote for use with JBL Receivers. Weatherproof. 2-9/16" round shape that fits into the center of a steering wheel. Backlit silicone rubber membranes. Sealed tack switches. RF means that this remote can be used virtually anywhere on the boat - it doesn't have to be directly in sight of the stereo. Package includes: Handheld piece, two adapter rings, receiver and din-to-amp plug. Installation size: 2-1/4" or 2".

558410 (REM40GS) Black **$123.95 D**

JBL Mini Plugs



JBL Mini Plug with USB

Plugs into the back of most JBL and SeaWorthy radios. Auxiliary input that allows use of either an iPod/MP3 player or a USB to play through the stereo system. Can be used to plug in MP3 players, lap-top computers, VHF radios, satellite radios and more! Has 72" cord. Installation depth: 1-9/16". Cutout diameter: 1-5/16". Diameter 1-11/16".

558913 (USBMINI) **$26.95 D**



JBL Mini Plug

Plugs into the back of most JBL and SeaWorthy radios. Can be used to plug in MP3 players, lap-top computers, VHF radios, satellite radios and more! Has 72" cord.

547974 (MINI-2) **$29.95 H**

JVC KD-G140 AM/FM/CD Receiver



JVC KD-G140 AM/FM/CD Receiver

- Plug your iPod or Digital Audio Player into the front the KD-G140
- Selectable Rear/Subwoofer output with level control
- Level adjustable
- Wireless remote control also included.
- 20W X 4 (RMS)
- CD/CD-R/CD-RW Compatible
- 1/4" Mini-Jack AUX Input
- Power Output: 200W Max.
- Adjustable AUX Input
- Rotary Encoder Multi-Control
- 3-Band iEQ equalization
- MOSFET (50W X 4)
- 24-bit DAC
- HS Tuner

558369 (KD-G140) **$156.95 D**

Seaworthy AM/FM/CD Receivers



SeaWorthy SEA/2500 AM/FM/CD Receiver

- Power Output: 160 watts (4 x 40)
- RCA output
- Clock
- Large display
- Installation size: 7" W x 2" H x 6-3/16" D
- Overall size: 7-3/8" W x 2-1/4" H x 7-1/4" D
- Aux in
- Rotary encoder
- APS (Automatic Preset Scan)
- Presets 18 FM/6 AM

558560 (SEA/2500) Silver **$150.95 E**



SeaWorthy SEA/9526 AM/FM/CD Receiver

- Power Output: 160 watts (4 x 40)
- Blue LCD display
- Waterproof Drop-down face
- Loudness
- Bass/treble/fader/tuner controls
- Installation size: 7-1/8" W x 2-1/16" H x 7" D
- Overall size: 7-9/16" W x 2-7/16" H x 7/8" D
- RCA output
- Presets 12 FM/6 AM
- Audio mute
- Electronic volume control
- CD features repeat/random play

558610 (SEA/9526) Black **$148.75 D**

Poly-Planar AM/FM/CD Watertight Receiver

Poly-Planar MRD-60 AM/FM/CD Watertight Receiver

- Includes Controller for CD changer
- Custom equalizer
- Waterproof volume control knob
- 180 watts total power (4 x 45)
- Hard wired & wireless remote available
- Waterproof flip-down faceplate
- Convenient front panel control
- 18 FM and 12 AM presets
- Shock-resistant CD mechanism

547970 (MRD-60)	White	**$444.95 D**
547971 (MRR-7)	Wired Remote	**$119.95 D**
547972 (IMR-2)	Keypad Interface Module	**$42.95 H**
547973 (CMR-20)	20' Extension	**$32.95 H**



SeaWorthy Complete Sound Systems



SeaWorthy Shipmate 29 Complete Sound System

SEA/290 AM/FM/CD Receiver. 4 x 35 watts. Clock. Electronic eject. Electronic tuning. Installation size: 7″ W x 6-1/4″ D x 2″ H. Overall size: 7-3/8″ W x 7-1/4″ D x 2-1/4″.

SEA/5571W 5″ Round Bicone Speakers. Aquadur, 1-piece speaker. All molded, waterproof. 50 watts per channel. Installation size: 4-1/2″ W x 1-7/8″ D x 4-1/2″ H. Overall size: 5-3/4″ W x 2-1/2″ D x 5-3/4″ H. White.

SEA ANT Soft Wire Antenna. 17-5/8″ antenna with plug. 24-1/2″ wire extension.

558612 (Shipmate 29) **$146.95 E**



SeaWorthy Shipmate 37 Complete Sound Systems

SEA/2500 AM/FM/CD Receiver. 4 x 40 watts. Aux in. Clock. RCA output. Rotary encoder. APS (Automatic Preset Scan). Large display. Presets 18 FM, 6 AM. Installation size: 7″ W x 6-3/16″ D x 2″ H. Overall size: 7-3/8″ W x 7-1/4″ D x 2-1/4″ H.

SEA/5621 6-1/2″ Round Bicone Speakers. Aquadur, 1-piece speaker. All molded, waterproof. 75 watts per channel. Installation size: 5-1/4″ W x 2-3/8″ D x 5-1/4″ H. Overall size: 6-1/2″ W x 3-1/8″ D x 6-1/4″ H. Available in black or white.

SEA MINI-2 Mini Plug. Plugs into the back of most JBL and SeaWorthy radios. Can be used to plug in MP3 players, lap-top computers, VHF radios, satellite radios and more! Has 72" cord.

SEA ANT Soft Wire Antenna. 17-5/8″ antenna with plug. 24-1/2″ wire extension.

528879 (Shipmate 37W) White **$192.95 D**
528878 (Shipmate 37B) Black **$192.95 D**

Infinity Wakeboard Tower Speakers



Infinity Wakeboard Tower Speakers

Contains dual 6" mid-woofers and a 1" CMMD edge-driven dome tweeter and are encased in an injection-molded polymer resistant to UV rays, salt and water damage. Precision-engineered to deliver high-output sound (90dB) to a distance of 50 feet, this speaker system is perfect for wakeboarding, waterskiing, tubing or even lakeside entertainment. Power handling: RMS: 150 watts, Peak: 450 watts. Sensitivity: 93dB. Frequency response: 80Hz - 20kHz. Dimensions for main unit: 18" W x 14-1/2" D x 10-5/8" H.

558499 (6000M) **$740.95 D**

Infinity Complete Tower System



Infinity Complete Tower System

Includes: **558499** (6000M), plus Dynamic Microphone/Control Head and Main Amp.

Dynamic Microphone/Control Head. Protected from salt-spray and water. Two thumb wheels for independent source and mic volume. Push-to talk switch and 3-position switch. Includes 1m coiled cord with 5m straight portion.

Main amp. White finish. Pigtail leads for speaker output, power, ground and remote. Line input: 250mV-4V sensitivity. Includes fixed, high-pass filter resonance. Mic input includes fixed compression and/or AGC, and bandpass filter. One preamp output/remote trigger output to feed aux amp.

558500 (6100M) Complete System **$1,235.95 D**

Infinity 2-Way Marine Speakers



Infinity 2-Way Marine Speakers

6" x 9". 300 watts handling power. Polypropylene woofer cone. Integrated grilled assembly. Rubber surrounds. UV and water resistant construction. 3-1/8" mounting depth. Installation size: 6" x 8-3/4". Stainless mounting hardware included. Sold per pair display pack.

558974 (6902M) White **$241.95 D**



Infinity 2-Way Marine Speakers

6-1/2". 210 watts handling power. Polypropylene woofer cone. Integrated grilled assembly. Rubber surrounds. UV and water resistant construction. 2-1/2" mounting depth. Installation size: 5-1/16". Stainless mounting hardware included. Sold per pair display pack.

558986 (602M) White **$193.95 D**

Pioneer Nautica Marine Speakers



Pioneer Nautica Marine Speakers
8" Marine-Use 2-way speakers. 200 watts maximum power. Water-resistant IMPP composite cone woofer. 3/4" poly-imide reflex horn tweeter. Magnet circuitry: Protected and sealed. 40 watts nominal handling. Corrosion resistant hardware. Water resistant urethane gasket. Sold per pair.

559159 (TS-MR2040) White **$205.95 D**



Pioneer Nautica Marine Speakers
6-1/2" Marine-Use 2-way speakers. 160 watts maximum power. Water-resistant IMPP composite cone woofer. 1-1/8" poly-ether imide dome tweeter. Magnet circuitry: Protected and sealed. 30 watts nominal handling. Corrosion resistant hardware. Water resistant urethane gasket. Sold per pair.

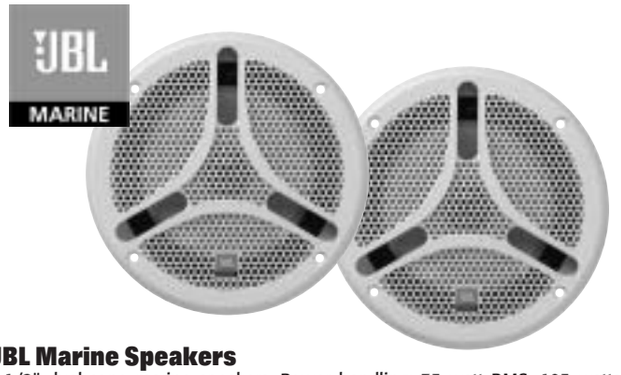
559160 (TS-MR1640) White **$143.95 D**



Pioneer Nautica Marine Speakers
6-1/2" Marine-Use dual-cone speakers. 100 watts maximum power. Water resistant elastomer surround. White water resistant IMPP composite cone woofer. Magnet circuitry: Protected and sealed. 25 watts nominal handling. Corrosion resistant hardware. Water resistant urethane gasket. Sold per pair.

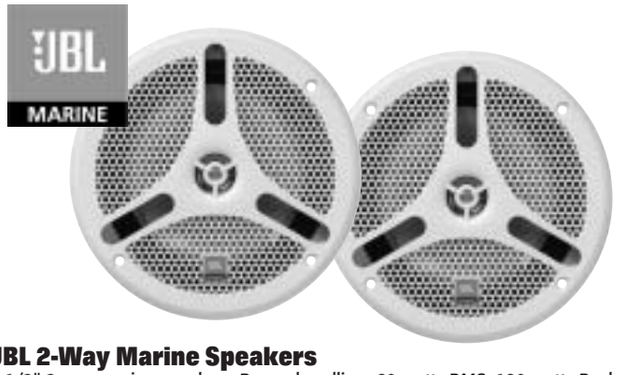
559161 (TS-MR1600) White **$87.95 D**

JBL Marine Speakers



JBL Marine Speakers
6-1/2" dual-cone marine speakers. Power handling: 35 watt RMS, 105 watts Peak. Sensitivity: 90 dB. Frequency response: 55Hz - 18kHz. Polypropylene woofer cone. Rubber surround. UV and water resistant construction. Integrated grilled assembly. Installation size: 5-1/16" W x 5-1/16" H x 2-1/2" D. Overall size: 6-1/2" W x 6-1/2" H x 3-1/4" D. Sold per pair.

559077 (MS6100) White **$91.95 D**



JBL 2-Way Marine Speakers
6-1/2" 2-way marine speakers. Power handling: 60 watts RMS, 180 watts Peak. Sensitivity: 91dB. Frequency response: 55Hz - 20kHz. Polypropylene dome tweeter and woofer cone. Integrated grille assembly. UV and water resistant construction. Installation size: 5-1/16" W x 5-1/16" H x 2-1/2" D. Overall size: 6-1/2" W x 6-1/2" H x 3-1/4" D. Sold per pair.

559065 (MS6200) White **$137.95 D**

Poly-Planar Waterproof Speakers

poly-planar, inc.

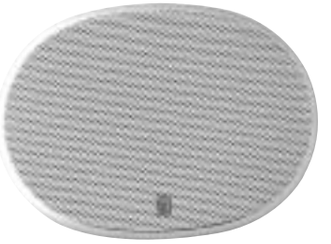


Poly-Planar 3-Way Platinum Series Waterproof Speakers

8" high power, multi component, round speakers with a clean low profile, flush mount and full range audio performance. Waterproof and corrosion-proof. Coated internal wiring for long life. Polypropylene cone and mylar tweeter. Stainless steel grille stand up to harsh marine effects. Heavy duty ABS plastic frames. Sold per pair.

547928 (MA6800) White **$410.95 H**

poly-planar, inc.



Poly-Planar 3-Way Platinum Series Waterproof Speakers

6" x 9" 3-way waterproof speakers. Offers suburb performance with a peak power capability of 400 watts/pair. Waterproof and corrosion-proof. Coated internal wiring for long life. Polypropylene cone and mylar tweeter. Stainless steel grille stand up to harsh marine effects. Heavy duty ABS plastic frames. Sold per pair.

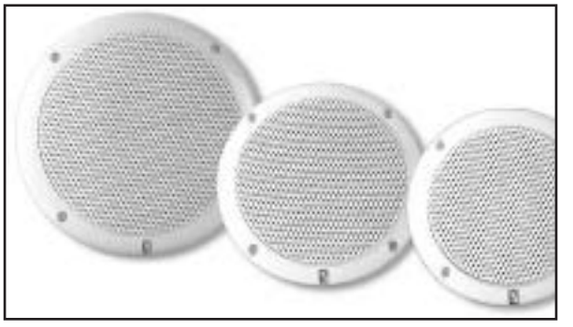
547933 (MA6900) White **$428.95 H**

poly-planar, inc.

Poly-Planar MA4000 Series Waterproof Speakers

The MA4000 series of low magnetic field speakers are ideal as initial, upgrade, or replacement speakers. Coated internal wiring for long life. UV stabilized plastic grilles. Polypropylene cones. Heavy duty ABS plastic frames. Low Magnetic field does not interfere with compass and autopilot. Sold per pair.

547907 (MA4054) 4" White **$89.95 H**
547921 (MA4055) 5" White **$100.95 H**
547923 (MA4056) 6" White **$110.95 H**



JBL 10" Amplified Subwoofer

JBL 10" Amplified Subwoofer

250W class D amp. Rear of woofer protected from being damaged by gear in storage areas. Pigtail hookup to better integrate it into the boat's wiring harness. Waterproof controls recessed in front for easy adjustment. OD: 12.8". Cutout: 10.5". Mounting depth: 8". Grill height: 1".

559178 (MPS-1000) White **$457.95 D**



Poly-Planar 10" Platinum Series Subwoofer

poly-planar, inc.

Poly-Planar 10" Platinum Series Subwoofer

A powered 10" subwoofer capable of delivering a true 50 watts RMS of bass power to compliment any serious audio system. Waterproof and corrosion-proof. Polypropylene cone and mylar tweeter. Stainless steel grille. Heavy duty ABS plastic frames.

547935 (MS150) White **$219.95 H**



SeaWorthy Marine Speakers



SeaWorthy SEA/6615W Marine Speakers

6-1/2" Coaxial High Performance Speaker. 100 watts per channel. Coaxial. Slim mount 1-11/16" D. All molded waterproof. Separate Centrex grill. 1-1/2" horn tweeter. Sold per pair display pack.

558722 (SEA/6615W) White **$66.95 D**



SeaWorthy SEA/6625W Marine Speakers

6-1/2" Round Marine Speakers. Custom blue water 6.5" speakers. 125 watts per channel. UV-protected. Includes: 20' of speaker wire for each speaker. Installation size: 5-3/16" W x 2-1/2" D x 5-3/16" H. Overall size: 7-3/32" W x 3-9/32" D x 7-3/32" H. Sold per pair display pack.

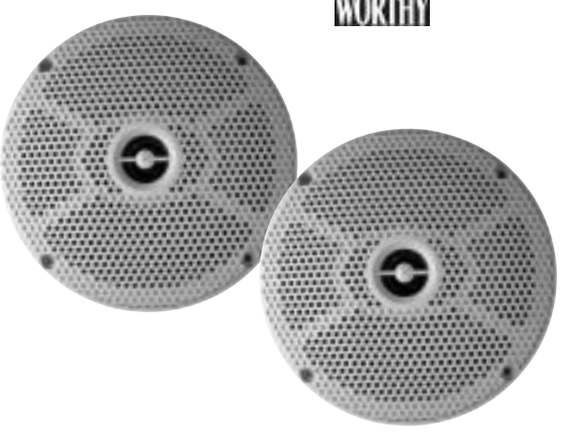
558730 (SEA/6625W) White **$61.95 D**



SeaWorthy SEA/5632 Marine Speakers

6" Round Coaxial Speakers. 100 watts per channel. Aquadur, 1-piece speaker. All molded, waterproof. Coaxial with 1-1/2" tweeter. Available in white and black. Installation size: 5-1/4" W x 2-3/8" D x 5-1/4" H. Overall size: 6-1/2" W x 3-1/8" D x 6-1/2" H. Sold per pair display pack.

558746 (SEA/5632W) White **$49.95 D**
558758 (SEA/5632B) Black **$49.95 D**



SeaWorthy SEA/5582 Marine Speakers

5" Round Bicone Speakers. 75 watts per channel. Aquadur, 1-piece speaker. All molded, waterproof. Coaxial with 1-1/2" tweeter. Available in black or white. Installation size: 4-1/2" W x 1-7/8" D x 4-1/2" H. Overall size: 5-3/4" W x 2-1/2" D x 5-3/4" H. Sold per pair display pack.

558772 (SEA/5582B) Black **$35.95 D**
558774 (SEA/5582W) White **$35.95 D**

Stereo Covers



558861

SeaWorthy Radio Covers

Auto opening recessed radio cover. Fits both shafted and shaftless styles. Includes: Self supporting bracket.

558861 (RTR5200B) Black **$35.95 D**
558873 (RTR5200W) White **$35.95 D**



SeaWorthy Waterproof Gimbal Box with Bracket

Gel-coat appearance. Automatic door. Universal mounting. Fits all radios. Dimensions: 10" W x 4-1/4" H x 8-1/2" D.

558878 (SEAGIM3) White **$61.95 D**



558835

SeaWorthy Radio Covers

Manual opening recessed radio cover. Dark tinted curved retracting shield. Hidden mounting screws. Cutout size: 8-3/8" W x 3-1/8" H. Outer dimensions: 9-3/4" W x 4-1/4" H. Shaftless

558835 (RTR/600) Black **$19.95 D**
558847 (RTR/600W) White **$19.95 D**



Pioneer Stereo Cover

Fully waterproof. Exclusive "Vertical Opening Locking Bubble". Includes: Mounting hardware.

559162 (AD-MR92) **$51.95 D**



Poly-Planar Stereo Covers

Protect your boat stereo and your VHF radio from damage and the harsh marine environment with a splash cover or weather resistant enclosure. Both devices will accommodate virtually any marine stereo on the market, including post-mount, removable and DIN style units.

547945 (WC-3) Radio Splash Cover **$27.95 H**
547969 (WC-400) Gimball Mount Cover **$90.95 H**



SeaWorthy Surface Mount Radio Housing

Surface mount radio housing. For top or bottom mounting. Tapered design. Universal fit - Shaft or shaftless or pull-out. Inside dimensions: 8-1/2" W x 7-1/2" D x 2-3/8" H. Outside dimensions: 10" W x 9-1/4" D (including 5/8" mounting lip) x 3-3/4" H.

558859 (SEA/HOS) Black **$12.95 D**

SeaWorthy AM/FM Antennas



SeaWorthy Dipole Antenna
Soft wire antenna with plug. Total length 40" including cable.

558885 (SEA/DPANT) White **$3.95 D**



SeaWorthy Rubber AM/FM Antennas
16-1/2" with 54" cable. 180° swivel base.

222912 (SEA/URB-3W) White **$9.95 D**
558900 (SEA/URB-3B) Black **$9.95 D**

Shakespeare Marine AM/FM Antennas



Shakespeare 4350 AM/FM Antenna
3' AM/FM stereo antenna. Frequency: (AM) 550-1, 600 KHz, (FM) 88-108 MHz. Impedance: 93 ohms. Termination: 10' RG-62 coax with "Motorola" plug. White fiberglass with permanently sealed coil. A polycarbonate lift and lay mount with stainless steel hardware is included. Overall length 39". One section which lays down to 4".

607956 (4350) **$99.95 H 2L**

Special Handling May Apply

Shakespeare 5120 Centennial AM/FM Antenna
This 8' AM/FM antenna continues the Centennial tradition. Shakespeare's Centennial 5120 AM/FM antenna puts high end features where high end does the most good. Chrome plated brass ferrule with standard 1" - 14 thread. Includes: 15' RG-62 AM/FM cable and Motorola type plug. Suggested mount: Style 366-H or 366-BH Ratchet mount. One section. Frequency: 550-1600 KHz, 88-108 MHz. Impedance (Ohms): 93. Polarization: Vertical. Radiation pattern: Omnidirectional.

606737 (5120) **$97.95 H 2L**



Shakespeare Band Separator



Shakespeare AM/FM/VHF Marine Band Separator
Eliminate the need for separate AM/FM antenna and operate AM/FM and VHF radios at the same time without interfering with VHF radio performance. Includes: 10' RG-62 AM/FM cable, 3' RG-58 VHF cable and connector installed.

608363 (4357) **$102.95 H 2L**

Shakespeare Satellite Radio Antenna



Shakespeare Galaxy® Style Low-Profile Satellite Radio Antenna
Designed especially for marine applications, the Galaxy SRA-40 Satellite Radio Antenna brings SIRIUS Satellite Radio programming to your boat. The antenna's sleek, white, ASA plastic housing is unobtrusively low-profile at only 3.5" diameter by 1.35" high.

606353 (SRA-40) **$138.95 H 2L**

VHF Marine Antennas



Shakespeare 5215
Squatty Body VHF Sailboat Antenna

End-fed 1/2 wave stainless steel antenna. This low profile stainless steel design has already become a favorite with sailboat owners. A stainless steel "L" bracket (supplied) is recommended for mounting. Not supplied with cable or connector.

Construction. Hermetically-sealed, tin plated copper wire coil. Stainless steel ferrules. Overall length: 36".

606555 (5215) **$83.95 H 2L**



Shakespeare 5911
The Stowaway™ Emergency VHF Flex Antenna

Loaded 1/4 wave whip. The 5911 VHF antenna comes packed in a 12" weather resistant, plastic tube with velcro strips for stowing away. Includes: 12' RG-58 VHF cable, a PL-259 connector and rubber suction cup for fast, easy mounting to any smooth horizontal surface. Overall length: 10".

606509 (5911) **$89.95 H 2L**



Marpac End-fed VHF Antenna with Matching Stub

Economical and lightweight white fiberglass. One section. Overall length: 8'. Chrome plated brass ferrule.

7-0126 **$38.95 F 3Q**



Marpac Premier VHF Antenna

Sturdy fiberglass construction with a smooth white finish, the antenna is one section. Overall length: 8'. 6 db gain. Stainless steel ferrule fits standard 1" - 14 thread bases. An extended brass center element provides extra durability and long life. Includes: PL-259 connector.

7-0127 **$40.95 F 3Q**



Shakespeare 5244
High Quality 36" VHF Antenna

3 dB gain. Low profile, end-fed 1/2 wave. The perfect choice for center console fishing boats, or any vessel where compact size is most important. Includes: 15' RG-58 VHF cable and a PL-259 connector. Stainless steel whip.

Construction. Overall length: 36". One section.

606573 (5244) **$56.95 H 2L**



Shakespeare 5240-R
Low Profile VHF Marine Antenna

End-fed 1/2 wave stainless steel antenna. Perfect for bass boats, center console fishing boats or any vessel where a standard fiberglass antenna may be too obtrusive or impossible to install. A ratchet mount or rail mount with a center hole is required for passage of the supplied 15' coax cable which exits from the bottom center of the ferrule. 6 dB performance. Recommended mounts are: **608325** (366-H) deck mount, (4187) ratchet mount, (4189) rail mount and (4190) rail mount. **Note: Mounts not included.**

Construction. Chrome plated brass ferrule with 1" - 14 threads. Overall length: 36". One section.

606561 (5240-R) **$105.95 H 2L**



Metz Manta 6
38" VHF Masthead Antenna

Precut whip tunes entire VHF/FM marine band. Out-performs 54" fiberglass "3 dB gain" masthead antennas. Stainless steel construction of whip, coil and hardware. Low angle of radiation beams signals over horizon. Angle mounting bracket included.

479027 **$77.95 L**

478758 Magnetic Bracket **$79.95 F**

For Additional Information Turn to Page 33

Shakespeare VHF Marine Antennas



Special Handling May Apply

Shakespeare
5206 VHF Marine Antennas

Twin to 5205 CB Marine antenna. End-fed antenna with matching stub. An economical and lightweight, self-supporting antenna.

Construction. White Shakespeare Fiberglass with brass and copper elements. Chrome plated brass ferrule with 1" - 14 threads. Overall length: 8'. One section.

Mounting Type. Use a **744917** (4187) ratchet mount or **608460** (410-R) mounting kit and **608250** (4008-4) 4' extension to form 12' antenna or **608262** (4008) 8' extension to form 16' antenna (not self-supporting). **Note: Mounts and supports not included.**

606665 (5206-N)	White with Nylon Base	**$65.95 H 2L**
606666 (5206-C)	White	**$70.95 H 2L**
606677 (5206-BL-C)	Gloss Black Finish	**$70.95 H 2L**



Special Handling May Apply

Shakespeare
Centennial VHF Marine Antennas

A new standard of excellence in an economical antenna! Shakespeare brings you the best of the high-end features in an 8' antenna with a brass element and a smooth, high gloss, polyurethane finish that won't turn yellow in the sun.

Construction. White Shakespeare Fiberglass with brass and copper elements. Chrome plated brass ferrule with standard 1" - 14 thread. Overall length: 8'. One section.

Style 5101 Antenna - End-fed with matching stub. Suggested mount: Use a **744917** (4187) ratchet mount (self-supporting) or **608460** (410-R) mounting kit and **608250** (4008-4) 4' extension to form 12' antenna or **608262** (4008) 8' extension to form 16' antenna (not self-supporting). **Note: Mounts and supports not included.**

606701 (5101) **$77.95 H 2L**

Stlye 5102 Antenna - Center-fed collinear phased 5/8 wave. Suggested mount: Use a **744917** (4187) ratchet mount (self-supporting). **Note: Mounts and supports not included.**

606713 (5102) **$149.95 H 2L**

Shakespeare
420 Skipper™ VHF Marine Antenna

Center-fed 1/2 wave coaxial sleeve antenna. Shakespeare's most economical antenna package, the 420 is a great, basic 3dB antenna for day to day cruising in calm to moderate seas. A polycarbonate Lift 'n Lay mount for deck mounting, levelling plate and installation hardware is included.

Construction. White Shakespeare Fiberglass with brass and copper elements. Polycarbonate ferrule and mount. Overall length: 5'. One section, lays down 4".

606624 (420) Lift and Lay **$149.95 H 2L**



Digital Antenna VHF Marine Antennas

DIGITAL ANTENNA

Digital Antenna
VHF Marine Antennas

Digital Antenna's ultimate, award-winning VHF antennas combine ruggedness with a pristine finish to give you the finest antenna available. Built to withstand high speeds, these antennas are ideal for radar arches, T-tops, speedboats, sailboats, yachts and commercial vessels. Feature: Powerful brass radiators. Soldered connections. Power-directing ferrite choke bead. High-gloss urethane finish. Hand-assembled and tuned for maximum performance.

608779 (528-VW)	4' White	**$111.95 D**
608781 (529-VW)	8' White	**$145.95 D**
608793 (876-SW)	4' White AIS	**$128.95 D**

Digital Antenna VHF Marine Antenna Extended Lengths - Yachts/Commerical Vessels

A favorite of marine professionals, our largest VHF antennas offer the power and durability to achieve maximum range and extended performance, even in the roughest seas. Feature: Powerful brass radiators. Soldered connections. High-gloss urethane finish. 316 stainless steel ferrules. Includes: Stainless steel clamp set for pole/mast mounting.

608806 (736-VW) 16' White **$412.95 D**



For Additional Information Turn to Page 33

Shakespeare VHF Marine Antennas



Shakespeare
396-1 VHF Marine Antenna

Center-fed 1/2 wave coaxial sleeve antenna. Outstanding, basic 3 dB antenna designed to reduce signal fading in rough seas.

Construction. White Shakespeare Fiberglass with brass and copper elements. Chrome plated brass ferrule with 1" - 14 threads. Overall length: 5'. One section.

Mounting Type. Use a **744917** (4187) ratchet mount (self-supporting). **Not included.**

606648 (396-1) **$165.95 H 2L**

Shakespeare
399-1 VHF Marine Antenna

Collinear-phased 5/8 wave with two coaxial chokes to suppress cable radiation. This professional quality antenna combines strength and performance for use where you really need the efficiency of a large antenna, but don't have room for one.

Construction. White Shakespeare Fiberglass with tapered tip. Brass and copper elements. Chrome plated brass ferrule with 1" - 14 threads. Overall length: 9.5'. Two sections: Base 75", Tip 39".

Mounting Type. Use **608460** (410-R) mounting kit for deck or side mounting. **Not included.**

606763 (399-1) **$296.95 H 2L**

Shakespeare 399-1M
Mast Mount VHF Marine Antenna

Same as the **606763** (399-1), but it has a special aluminum sleeve for mast mounting. Collinear-phased 5/8 wave with two coaxial chokes to suppress cable radiation. This professional quality antenna combines strength and performance for use where you really need the efficiency of a large antenna, but don't have room for one. An SO-239 connector at the base and 1-1/4" U-bolts are supplied. The 399-1M can be strapped to a larger mast using steel banding. **Not included.**

606775 (399-1M) **$279.95 H 2L**



606775



606763

Special Handling May Apply

Shakespeare Galaxy Series VHF Marine Antennas



Shakespeare 5400-XT
Little Giant™ Galaxy Series VHF Antenna

Center-fed 1/2 wave coaxial sleeve. An outstanding, 4' antenna of heavy duty construction for general purpose communications. It's at home on T-tops, Hard-tops and other positions aloft, where its small size can deliver maximum range. Includes: 20' RG-8/X cable and a PL-259 connector.

Construction: Galaxy white finish. Brass and copper elements. Stainless steel ferrule with 1" - 14 threads. Overall length: 4'. One section.

Mounting Type: Use a **744917** (4187) ratchet mount. **Note: Mount not included.**

606939 (5400-XT) **$210.95 H 2L**



Special Handling May Apply

Shakespeare 5225-XT
and 5226-XT Galaxy Series VHF Antennas

Collinear-phased 5/8 wave elements. It's extra tough for use on Hard-tops, T-tops, radar arches or whereever its extra resistance to high winds and high speeds is welcome. 6 dB gain.

Construction: Brass and copper elements. Stainless steel ferrule with 1" - 14 threads. Overall length: 8'. One section.

Mounting Type: Use a **744917** (4187) ratchet mount. **Note: Mount not included.**

607006 (5225-XT) White **$251.95 H 2L**
607018 (5226-XT) Black **$270.95 H 2L**

Shakespeare 5230 Galaxy Series VHF Antenna

5/8 wave over 1/2 wave dipole. This is the most effective 8 dB antenna system available anywhere because of its greater signal capture area. Hand coated, high gloss urethane finish that not only looks great, but will provide years of protection against the harsh marine elements. Two brass choking sleeves.

Construction: White Shakespeare Fiberglass with urethane finish. Brass and copper elements. Stainless steel brass ferrule with 1" - 14 threads. Overall length: 14'. Two sections: Base 94", Tip 74".

Mounting Type: Use **608460** (410-R) mounting kit. **Not included.**

607044 (5230) **$551.95 H 2L**



For Additional Information Turn to Page 33

Shakespeare Galaxy Dual Band Cellular Antennas



Special Handling May Apply

Shakespeare 5237-XT Dual Band Cellular Antenna

4' Dual Band 3dB Gain. 800/900 MHz and 1900 MHz Cellular. This antenna covers digital, analog and PCS cell phone bands in an eight-foot radome that coordinates with other Shakespeare's Galaxy antennas. Electrical connections are hand-soldered for reliability. A brass choking sleeve eliminates pattern distoration due to cable radiation. Use one of Shakespeare's CPA Series adapters to connect your portable cell phone. Includes: 25' of Shakespeare's exclusive Lo-Max cable and a TNC connector.

Construction: Brass and copper elements. Stainless steel ferrule with 1" - 14 threads. Overall length: 8'. One section.

Mounting Type: Use a **744917** (4187) ratchet mount. **Note:** Mount not included.

607898 (5237-XT) **$294.95 H 2L**



Shakespeare 5410-XT Little Giant™ Dual Band Cellular Antenna

4' Dual Band 3dB Gain. 800/900 MHz and 1900 MHz Cellular. This compact, extra sturdy antenna covers the digital, analog and PCS cellular bands. For quality and reliability, the antenna's connections are hand-soldered and it's hand finished. Use one of Shakespeare's CPA Series adapters to connect your portable cell phone. Includes: 25' of Shakespeare's exclusive Lo-Max cable and a TNC connector.

Construction: Brass and copper elements. Stainless steel ferrule with 1" - 14 threads. Overall length: 4'. One section.

Mounting Type: Use a **744917** (4187) ratchet mount. **Note:** Mount not included.

607899 (5410-XT) **$270.95 H 2L**

Digital Antenna Marine Cellular Antennas



608706

DIGITAL ANTENNA

NEW ITEM



608812



608756

Digital Antenna Marine Cellular Antennas

Constructed of professional marine-grade components, each cellular antenna is designed for easy connection to your cell phone or amplifier. Each omni-directional cell antenna is 9 dB gain and includes 20' of premium, UV stable RG-8X marine cable. Features: Powerful brass radiators. Soldered connections. High-gloss urethane finish. Maximum input 250 watts. Hand-assembled and tuned for maximum performance.

608756 (563-CW) Overall Length: 4' White **$168.95 D**
608767 (567-CW) Overall Length: 8' White **$176.95 D**

Digital Antenna PowerMax™ All-Purpose Cell Booster

Increase cell range up to 50+ miles with the PowerMax 3 watt cellular amplifier. Ideal for use on any size boat, your cell phone or air card physically attaches to the DA4000 amplifier via an adapter cable. Maximum input power: 2 watts. Use with Digital Antenna's 9 dB gain cell antenna (sold separately). Direct Connect Amplifiers Include: 3 watt dual band amplifier, 12 volt cigarette style power cable and 2' cable with mini-UHF male connectors.

608706 (DA4000) **$234.95 D**

Digital Antenna Cell Phone Adapter Cable

The attached mini-UHF male connector easily connects to our PowerMax DA4000 Amplifier, Multi-Cell Phone Combiner or Dash-Mount Cable.

608812 (DA974) **$14.95 D**

For Additional Information Turn to Page 33

Shakespeare Single Side Band Marine Antennas



Special Handling May Apply

Shakespeare 390 Single Side Band Antenna

Whip antenna with conductors running full length (no loading coil). This award winning performer is often referred to as "the standard of the industry" by virtue of its capabilities and popularity. Reinforced insulating qualities allow input power up to 1 kw.

Construction. White Shakespeare Fiberglass with permanently sealed conductors. Diameter of base: 1-1/2". Chrome plated brass ferrule with 1" - 14 threads. Overall length: 23'. Two sections: Base 162", Tip 112".

Mounting Type. Use **608460** (410-R) mounting kit for deck or side mounting. **Not included.**

607703 (390) **$287.95 H 2L**



Special Handling May Apply

Shakespeare 5308-R Ocean Twin Single Side Band Antenna

Twin to 5208-R VHF Marine antenna. Whip antenna, ful-length conductors. This antenna is a durable, rugged performer for day to day communications. Two section base loaded with tapered whip.

Construction. White Shakespeare Fiberglass with permanently sealed conductors. Diameter of base: 1-1/2". Chrome plated brass ferrule with 1" - 14 threads. Overall length: 23'. Two sections: Base 162", Tip 114".

Mounting Type. Use **608460** (410-R) mounting kit for deck or side mounting. **Not included.**

607742 (5308-R) **$395.95 H 2L**



Shakespeare 393 Single Side Band Antenna

Whip antenna with conductors running full-length (no loading coil). The Style 393 antenna is electrically the same as the industry standard Style 390, but it's designed in three sections. For use in calm to moderate seas. Reinforced insulating qualities allow input power up to 1 kw.

Construction. White Shakespeare Fiberglass with permanently sealed conductors. Chrome plated brass ferrule with 1" - 14 threads. Overall length: 23'. Three sections: Base 92", Center 92", Tip 92".

Mounting Type. Use **608460** (410-R) mounting kit for deck or side mounting. **Not included.**

606866 (393) **$401.95 H**

Shakespeare Commercial VHF Marine Antenna

Shakespeare 476 Commercial VHF Marine Antenna

Phased 1/2 wave elements in a collinear array with a broadband matching section and a coaxial choking sleeve. Designed to get the message through when all others fail. Its unique design puts the signal on the horizon, providing gain in all directions. For heavy duty seagoing applications, such as workboats, tugs, tidal well service boats, etc. An excellent choice for land-based stations.

Construction. Tapered Shakespeare Fiberglass with brass and copper internal elements. Overall length: 21'. One section.

Mounting Type. 2-3/4" diameter x 26" long aluminum sleeve may be strapped directly to a mast or used with **608553** (483) clamp set mounting brackets. **Note:** Mounts not included.

606903 (476) **$1,076.95 H 2L**

Shakespeare 483 Clamp Set

Includes: All necessary hardware for mast mounting 476 Commercial VHF Antenna.

608553 (483) **$183.95 H 2L**



Special Handling May Apply



608553

For Additional Information Turn to Page 33

Shakespeare Commercial VHF Marine Antennas





Special Handling May Apply

Shakespeare 4018 Commercial VHF Marine Antenna

Phased 1/2 wave elements in a collinear array with a coaxial choking sleeve to suppress cable radiation. The top choice for charter boat captains and experienced sport fishing enthusiasts. This long distance VHF antenna is rigid enough to stay erect in rough seas, yet exceptionally lightweight. Includes: 20' RG-58 cable and a PL-259 connector.

Construction. White Shakespeare Fiberglass with brass and copper elements. Chrome plated brass tip ferrule. Overall length: 19'. Two sections: Base 162", Tip 66".

Mounting Type. Use **608460** (410-R) mounting kit for deck or side mounting. **Not included.**

606838 (4018) **$492.95 H 2L**

Shakespeare 4018-M Commercial Mast Mount VHF Marine Antenna

Same as the 4018 only engineered with a special sleeve for mast mounting. An SO-239 connector at the base and 1-3/4" U-bolts are supplied. Can be strapped to a larger mast using steel banding. **Not included.** Used primarily on commercial vessels or land based stations.

606840 (4018-M) **$575.95 H 2L**

Special Handling May Apply

Shakespeare 5208 Ocean Twin Commercial VHF Marine Antenna

Nine phased 1/2 wave elements in a collinear array with choking stub to suppress cable radiation and a band spread matching sleeve.

Construction. White Shakespeare Fiberglass with brass and copper elements. Chrome plated brass ferrule with 1" - 14 threads. Overall length: 23'. Two sections: Base 162", Tip 114".

Mounting Type. Use **608460** (410-R) mounting kit for deck or side mounting. **Not included.**

606864 (5208-R) **$551.95 H 2L**



Shakespeare Extension Masts



Special Handling May Apply

Shakespeare Extension Mast

For light to moderate duty applications. White molded polycarbonate male upper and female lower 1" - 14 threads. Excellent for Marine TV antennas.

607981 (4364) Length 1' **$36.95 H 2L**

Shakespeare Heavy Duty Extension Masts

Lightweight, 1-1/2" diameter extension mast of structurally strong fiberglass. 1" - 14 threads - upper male, lower female. Chrome plated brass fittings. Use with **608460** (410-R) mounting kit.

608250 (4008-4) Length 4' **$149.95 H 2L**
608262 (4008) Length 8' **$179.95 H 2L**

Shakespeare Marine TV Antennas







Shakespeare SeaWatch® Marine TV Antennas

Lets you combine the comforts of home with the pleasures of boating and never miss your favorite TV programs. Weatherproof, non-fade exterior. Solid-state electronics for reliability and resistance to mechanical shock, plus corrosion resistant coating. Built-in low-noise amplifier. Operates on 12V DC or 110V AC.

2020-G SeaWatch® Marine TV Antenna. Diameter 14". Omnidirectional. The ideal smaller marine TV antenna where styling and size are controlling factors. Perfect for close-in or stronger signal areas. System includes: Antenna with built-in preamp, AC/DC power supply, 30' of ultra low loss RG-59 coax cable and gold-plated, screw-on "F" connectors. Built-in 1" - 14 thread ferrule.

606351 (2020-G) **$287.95 H 2L**

2030-G SeaWatch® Marine TV Antenna. Diameter 21". Omnidirectional. Designed for maximum omnidirectional performance in the marine environment. This system includes: Antenna with built-in preamp, AC/DC switchable power supply, 30' of ultra low loss RG-59 coax cable and gold-plated, screw-on "F" connectors. Built-in 1" - 14 thread ferrule.

606333 (2030-G) **$335.95 H 2L**

Shakespeare Replacement Power Supply for SeaWatch® Marine TV Antennas

608503 (PS-9381) **$76.95 H 2L**

For Additional Information Turn to Page 33

Shakespeare Electrical Data Chart for Antennas

All Shakespeare Antennas are Vertically Polarized.

DMI #	MFG #	Frequency Range	Gain	Reception Pattern	Noise Figures (VHF/UHF)	Impedance	Downlead Conn.	Power Supply	Weight	Dimensions
SeaWatch Marine TV Antennas										
606351	2020-G	50 - 890 MHz	19.5 dB (Avg.)	omnidirectional	3.2/5.6 dB	75 ohms	"F" type	12V DC/110V AC	3 lbs.	14" dia. x 2" H
606333	2030-G	50 - 890 MHz	19.5 dB (Avg.)	omnidirectional	3.2/5.6 dB	75 ohms	"F" type	12V DC/110V AC	11 lbs.	21" dia. x 1.75" H

DMI #	MFG #	Frequency	Bandwidth	SWR Nominally	Impedance	Gain	Max Input	D.C.	Termination
For VHF Marine Antennas									
606648	396-1	VHF Marine Band	5MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	3 dB	50 watts	No	15' RG-58 Cable & PL-259 Conn.
606763	399-1	VHF Marine Band	5MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	6 dB	100 watts	Yes	15' RG-58 Cable & PL-259 Conn.
606775	399-1M	VHF Marine Band	5MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	6 dB	100 watts	Yes	15' RG-58 Cable & PL-259 Conn.
606624	420	VHF Marine Band	5MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	3 dB	50 watts	No	15' RG-58 Cable & PL-259 Conn.
606666	5206-C	VHF Marine Band	5MHz within 2.0:1 VSWR	1.3:1 at 156.8 MHz	50 ohms	6 dB	50 watts	No	15' RG-58 Cable & PL-259 Conn.
606665	5206-N	VHF Marine Band	5MHz within 2.0:1 VSWR	1.3:1 at 156.8 MHz	50 ohms	6 dB	50 watts	No	15' RG-58 Cable & PL-259 Conn.
606677	5206-BLC	VHF Marine Band	5MHz within 2.0:1 VSWR	1.3:1 at 156.8 MHz	50 ohms	6 dB	50 watts	No	15' RG-58 Cable & PL-259 Conn.
606561	5240-R	VHF Marine Band	7MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	3 dB	50 watts	No	15' RG-58 Cable & PL-259 Conn.
606509	5911	VHF Marine Band	N/A	*	50 ohms	Unity Gain	25 watts	Yes	12' RG-58 Cable & PL-259 Conn.
606701	5101	VHF Marine Band	5MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	6 dB	50 watts	Yes	15' RG-58 Cable & PL-259 Conn.
For High Performance Marine Antennas									
608779	528-VW	VHF Marine Band	8MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	4.5 dB	100 watts	No	15' RG-8/X Cable w/mini & PL-259 Conn.
608771	529-VW	VHF Marine Band	8MHz within 2.0:1 VSWR	1.2:1 at 156.8 MHz	50 ohms	6 dB	100 watts	Yes	20' RG-8/X Cable w/mini & PL-259 Conn.
607006	5225-XT	VHF Marine Band	3MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	6 dB	100 watts	Yes	20' RG-8/X Cable & PL-259 Conn.
607018	5226-XT	VHF Marine Band	3MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	6 dB	100 watts	Yes	20' RG-8/X Cable & PL-259 Conn.
607044	5230	VHF Marine Band	3MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	8 dB	200 watts	Yes	20' RG-8/X Cable & PL-259 Conn.
606939	5400-XT	VHF Marine Band	5MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	3 dB	50 watts	N/A	20' RG-8/X Cable & PL-259 Conn.
608756	563-CW	Dual Band CELL 850 & 1900 MHz	70MHz within 1.5:1 VSWR 140MHz within 1.5:1 VSWR	1.2:1 at 859 MHz 1.2:1 at 1920 MHz	50 ohms	9 dB	100 watts	N/A	20' RG-8/X Cable w/mini & mini-male
608767	567-CW	Dual Band CELL 850 & 1900 MHz	70MHz within 1.5:1 VSWR 140MHz within 1.5:1 VSWR	1.2:1 at 859 MHz 1.2:1 at 1920 MHz	50 ohms	9 dB	100 watts	N/A	20' RG-8/X Cable w/mini & mini-male
607898	5237-XT	Dual Band 800/900 MHz & 1900 MHz Cellular	96MHz within 2.0:1 VSWR 140MHz within 2.0:1 VSWR	1.5:1 at 852.65 MHz 1.5:1 at 1918.7 MHz	N/A	3 dB	N/A	N/A	25' Lo-Max Cable & a TNC Conn.
607899	5410-XT	Dual Band 800/900 MHz & 1900 MHz Cellular	96MHz within 2.0:1 VSWR 140MHz within 2.0:1 VSWR	1.5:1 at 852.65 MHz 1.5:1 at 1918.7 MHz	N/A	3 dB	N/A	N/A	25' Lo-Max Cable & a TNC Conn.
For Single Side Band Marine Antennas									
607703	390	2-30 MHz with Tuner	Resonant Freq. 10.8 MHz	N/A	N/A	N/A	1,000 watts	N/A	Side Feed Termination Band
606866	393	2-30 MHz with Tuner	Resonant Freq. 10.8 MHz	N/A	N/A	N/A	1,000 watts	N/A	Side Feed Termination Band
607742	5308	2-30 MHz with Tuner	Resonant Freq. 10.8 MHz	N/A	N/A	N/A	1,000 watts	N/A	Side Feed Termination Band
For Commercial VHF Marine Antennas									
608806	736-VW	VHF Marine Band	10 MHz within 2.0:1 VSWR	1.2:1 at 156.8 MHz	50 ohms	10 dB	350 watts	Yes	N Type Female at Base (No Cable)
606903	476	VHF Marine Band	10 MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	10 dB**	350 watts	Yes	SO-239 Connector at the Base
606838	4018	VHF Marine Band	3MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	9 dB	50 watts	No	20' RG-58 Cable & PL-259 Conn.
606840	4018-M	VHF Marine Band	3MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	9 dB	50 watts	No	20' RG-58 Cable & PL-259 Conn.
606864	5208-R	VHF Marine Band	5MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	9 dB	50 watts	No	15' RG-58 Cable & PL-259 Conn.
For VHF Sailboat Antennas									
606555	5215	VHF Marine Band	7MHz within 2.0:1 VSWR	1.5:1 at 156.8 MHz	50 ohms	3 dB	50 watts	No	SO-239 Connector
For AIS Marine Antennas									
608793	876-SW	AIS Marine Band	6MHz within 1.5:1 VSWR	1.2:1 at 159 MHz	50 ohms	4.5 dB	100 watts	Yes	SO-239 at Base (No Cable)

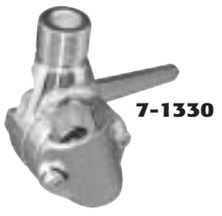
* Adequate across marine band. Precise SWR depends upon antenna location on boat.
** Gain (omnidirectional): 10 dB as compared to typical 1/4-wave installation; 5.5 dB as compared to EIA specification RS329.

Antenna Mounts



Shakespeare Ratchet Mount - Stainless Steel
Stainless steel. 4-way ratchet with handle for deck or bulkhead mounting. Direct feed-thru hole for coax cable. Standard 1" - 14 male threads.

744917 (4187) **$62.95 H 2L**





Marpac Ratchet Rail Mounts
Can be mounted on any standard 1" or 7/8" railing. Direct feed-thru hole for coax cable. Standard 1" - 14 male threads.

7-1329 Nylon **$12.95 F 3Q**
7-1330 Stainless Steel **$44.95 F 3Q**



Shakespeare Swivel Mount
Chrome plated brass. For deck or side mounting when used with **608438** (408-R) upper bracket. Base is dual joint, free-pivoting and allows easy lowering of antenna for clearing overhead obstructions. Standard 1" - 14 male threads. Stainless steel mounting screws supplied.

608349 (81) **$95.95 H 2L**



Shakespeare Straight Mount
4" high, stainless steel mount. Standard 1" - 14 male threads. Perfect for radar arches. May be used with **607981** (4364) extension mast.

607993 (4365) **$35.95 H 2L**



Marpac Ratchet Mount - Nylon
Nylon. 4-way ratchet with handle for deck or bulkhead mounting. Direct feed-thru hole for coax cable. Standard 1"-14 male threads.

7-0435 **$8.95 F 3Q**



Shakespeare Ratchet Mount - Nylon
Solid nylon. 4-way ratchet with handle for deck or side mounting. Standard 1" - 14 male threads.

608301 (4186BP) **$10.95 H 2L**



Shakespeare Lift and Lay Mount
White polycarbonate. Enables antenna to lift and lay with positive snap action. Levelling plate provided for mounting on sloping deck. Standard 1" - 14 male threads. Has 3/8" - 24 thread brass insert. Handles antennas up to 8'.

608286 (495-B) **$35.95 H 2L**



Seadog Fixed Mount Antenna Base
Injection molded nylon. Will accept any standard antenna with 1" - 14 male threads. Base width: 2-13/16".

205642 (329500-1) **$5.95 H**

NEWMAR



Newmar RailFast® Antenna Mounts
Quick, easy installation of antenna on 1" or 7/8" railing. Ideal for G.P.S., VHF radio, Loran couplers and whip antennas, has direct feed-thru hole for coax cable. Ratchet surface permits 360° rotation for adjustment/laydown. Holds antennas up to 8' in length. No drilling required. All necessary mounting hardware supplied.

Model 311-N Antenna Mount. Strong, fiberglass-filled nylon rail mount for permanent antenna installation with hex-key vertical adjustment. Smooth spherical shape won't catch lines or clothing.

699706 (311-N) **$37.95 H**

Model 311-NLH Antenna Mount. Has laydown handle that permits quick, easy laydown of antenna.

699718 (311-NLH) **$37.95 H**


606232


606244

Shakespeare
PL-259 and PL-258 Centerpin® Connectors
The perfect solution to the troublesome task of installing a PL-259 connector or splicing RG-58 A/U or RG-8/X coax. Solderless, fret-less and botchless. They go on without a hitch, without soldering skills. No measuring, no critical stripping of coax insulation, no fussing with the coax's braid and no "tinning". For RG-58 A/U and RG-8/X coax.

606232 (PL-258-CP) **$20.95 H 2L**
606244 (PL-259-CP) **$14.95 H 2L**



Coax Cable Adapters
420022 (UG175) For RG-58 Cable **$1.35 H 10L**
420033 (UG176) For RG-59 and RG-8X Cables **$1.25 H 10L**



Shakespeare Mounting Kit
Combines **608349** (81) swivel mount with **608438** (408-R) upper bracket. The bracket features an insert to accept 1" and 1-1/2" diameter antennas. Complete with mounting hardware.

608460 (410-R) **$119.95 H 2L**



Shakespeare Upper Bracket
Insulated standoff brackets made of white molded plastic. Corrosion resistant. Easy-open for quick laydown. Complete with mounting hardware. For 1" and 1-1/2" diameter antennas. For use with **608349** (81) swivel mount.

608438 (408-R) **$26.95 H 2L**



Marpac Pre-Spliced
Antenna Extension Cable - RG-58U
Includes: PL-259 coax connectors on each end.

7-0141 Length 20' **$13.95 F 3Q**
7-0142 Length 100' **$37.95 F 3Q**



Marpac PL-259
Coax Connector with Coax Cable Adapters
Includes: UG175 and UG176 adapters.

7-0130 **$4.95 F 3Q**



Marpac PL-258 Double Female Barrel Connector
This connector is used to join (2) PL-259 coax connectors.

7-0137 **$3.95 F 3Q**

Watertight Cable Outlets



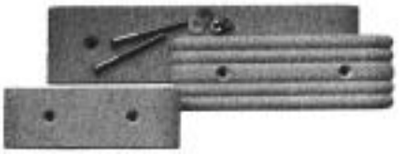
Marpac Watertight Cable Outlets
Chrome plated brass. Gasketed to assure water tightness. Diameter 1-1/2". Uses #6 fasteners.

7-0451 For 5/16" OD Cable **$4.95 F 3Q**
7-0452 For 3/8" OD Cable **$4.95 F 3Q**



Newmar CS-201 Coax Switch
Die cast aluminum case. Two position switch allows manual selection of one or two antennas with a single radio or one of two radios with a single antenna. Unused terminal is grounded. Impedance: 50 ohm. Power: 1.5 kW peak, 1 kW continuous.

699800 (CS-201) **$85.95 H**



Newmar Ground Shoes
Improves performance of Loran C receivers, SSB radios and hull bonding systems. Provide an excellent noise-free ground by making direct contact with the water. Porous copper construction magnifies contact area with the water. Large surface contact area in compact size. Easy to install and maintain. All shoes are 1/2" thick. Silicone bronze bolts are provided for easy installation and wiring.

227606 (8A) Dim.: 8" x 2" Ground Area Equivalent: 20 sq. ft. **$129.95 H**
227618 (12C) Dim.: 12" x 3" Ground Area Equivalent: 40 sq. ft. **$212.95 H**



Moeller Electronic Box - Artic White
Equipped with non-corrosive stainless steel hinges. Eliminates VOCs and stress-cracking problems with molded - plastic construction. Comes with standard universal mounting board manufactured from tough plastic sheet stock. Features tinnerman-style, cadmium plated/stainless steel hardware. Includes locking slam latch. Dimensions: 33.75" L x 17.75" W x 12.24" H.

666909 (042220AR) **$315.95 E**



Perko Watertight Cable Outlets
For 5/16" OD cable. Equipped with rubber grommet for watertight passage of cable through deck or bulkhead. Prevents chafing of cable insulation. Base diameter 1-1/4". Uses #6 fasteners. Sold each per display packed card. Standard pack 10.

533148 (1191 DP CHR) Chrome Plated Zinc **$17.95 H 5J**
538439 (424 DP CHR) Chrome Plated Brass **$32.95 H**



Newmar Thru-Dex® Waterproof Cable Fitting
Create a 100% waterproof seal when routing cables through decks and bulkhead. Allow installation and/or removal of cable with connector still attached. Rugged, weatherproof glass-filled nylon. Stainless steel fasteners. Multiple cables may be passed through a single fitting. Maximum connector diameter: 1.2".

699820 (007-4002-0) DX-2 **$54.95 H**



Blue Sea CableClams
Waterproof co-axial installation without removing connectors. Save the expense of removing and replacing connections. Avoid poor connections from removing factory connectors. Acetal body. UV-Stabilized Buna-N Rubber. Stainless steel screws.

379998 (1001) Connector Opening: 0.625" **$21.95 F**
380004 (1002) Connector Opening: 0.825" **$21.95 F**
380016 (1003) Connector Opening: 1.385" **$24.95 F**



Newmar Power Conditioner Noise Filter
Controls residual noise in electrical systems, eliminates noise in depth sounders, stereos and radio receivers. Installs in the + and - power leads close to affected equipment. Filtered frequencies: Audio - 200 MHz.

699415 (PC-10) 10 amps **$93.95 H**

Standard Horizon GPS Chartplotters



Standard Horizon WAAS GPS Chartplotters

WAAS GPS providing accuracy of up to 10'. 5" 320x240 resolution color display. Direct sunlight viewable. 2NM worldwide background map included. Optional C-map MAX or NT+ award winning cartography. Customizable data windows. 600 marks/20 routes. NMEA input/outputs VHF DSC polling capable. Swivel mount bracket included. 3 year warranty.

607066 (CP180)	External Antenna	**$493.95 B**
607075 (CP180i)	Internal Antenna	**$473.95 B**

NEW ITEM



607082 607081 607083

Standard Horizon WAAS GPS Chartplotter - External Antenna

The CP300 boasts a 7" crisp high-resolution 800x480 sunlight viewable 16:9 aspect ratio wide screen display. 10' accuracy is obtained with the integrated WAAS GPS receiver. Connect to compatible Standard Horizon VHF for DSC distress and position polling functions. Connect to a video source and watch a DVD, play a video game, or monitor the engine room in full screen or PiP (Picture in Picture). To find fish, wrecks and record water temperature, simply connect the optional FF520 - 50/200kHz black box fish finder and transducer. 3 year waterproof warranty.

607080 (CP300)			**$905.95 B**
607081 (FF520)	50/200kHz Black Box Fish Finder	**$385.95 B**
607082 (DST520)	Thru-Hull Transducer	**$103.95 D**
607083 (DST521)	Transom Mount Transducer	**$145.95 D**

ICOM MR-1000R Marine Radar

ICOM MR-1000R Marine Radar

- Powerful 4kW output power.
- 60cm radome scanner observes up to 36nm. Bright 8-level picture on 10" monochrome green CRT.
- External GPS and compass data input with NMEA0183, N+ 1, AUX format.
- 2 EBL's, 2 VRM's, SEA clutter, RAIN clutter, Off center, Interference reduction. Noise reduction, Echo stretch, zoom, trail and long pulse function.
- Power save function pauses the scanning for preset time and conserves battery consumption. When used with the zone alarm function, the CRT display is turned off until an object enters the programmed alarm zone.
- When connected to the GPS and/or compass, the MR-1000R displays the following information: Course-up, North-up, True motion indication, own and other vessel's speed, position and course, waypoint and manoverboard point.
- Electronic Plotting Aid (EPA) helps to plot and trace up to 10 targets and forecast the courses with these vectors on the display.

788000 (MR-1000R) **$2,728.95 B**

*MARPA: Mini-Automatic-Radar-Plotting-Aid

COMES WITH A BUILT-IN MARPA*



Humminbird 1100 Series Fishing Systems

HUMMINBIRD

NEW ITEM



Model 1197c SI Combo Fishing System

Display: 10.4" Diagonal 600V x 800H, 4:3 Color TFT. Sonar: HD Side Imaging; DualBeam PLUS; 180° total coverage. Depth: 150 ft (SI), 1,500 ft, 3,000 ft. GPS: 50 Channel GPS; Trackplotting; Chartplotting; GPS Speed; Humminbird UniMap. Water Temperature and GPS Speed included.

NVB (Navionics Value Bundle) Model. Navionics Gold and HotMaps Premium pre-loaded.

403396 **$3,085.95 C**

HUMMINBIRD

NEW ITEM



Model 1157c Combo Fishing System

Display: 10.4" Diagonal 600V x 800H, 4:3 Color TFT. Sonar: DualBeam PLUS. Depth: 1,500 ft, 3,000 ft. GPS: 50 Channel GPS; Trackplotting; Chartplotting; GPS Speed; Humminbird UniMap. Water Temperature and GPS Speed included.

NVB (Navionics Value Bundle) Model. Navionics Gold and HotMaps Premium pre-loaded.

403397 **$2,365.95 C**

Humminbird 900 Series Fishing Systems

900 Series Fishing Systems

Built around a monster, 8" full-color display, Humminbird's 900 Series Fishing Systems are designed to give the competitive or serious angler a huge on-the-water performance advantage. With powerful traditional sonar as well as 3D sonar and groundbreaking new High Definition Side-Imaging available, it does things to help you find fish that – simply put – no other fishfinder can.

Humminbird Transducer

For use with: 997c SI.

402891 (XHS 9 HDSI 180 T) Transom **$264.95 F**

HUMMINBIRD



Model 997c SI Combo Fishing Systems

The 997c SI delivers high definition breakthrough Side Imaging sonar for picture-like images of the bottom, precision GPS Chartplotting and a no-compromise ultra wide, high resolution 8" screen.

Display: 8" Diagonal 480V x 800H, Color TFT, Sunlight Viewable.

Sonar: Side Imaging: 150' Down, 240' to Each Side; DualBeam PLUS: 1,500' with Standard Transducer, 3,000' with optional 50/200kHz Transducer. 180° of coverage.

GPS: 16 channel WAAS/EGNOS GPS receiver included.

Water Temperature and GPS Speed included.

403354 Kit with Transom Mount Transducer **$2,115.95 D**

NVB (Navionics Value Bundle) Model. Navionics Gold and HotMaps Premium pre-loaded.

403374 Kit with Transom Mount Transducer **$2,327.95 D**

Works On Both Humminbird & Lowrance



Navionics Electronic Navigational Charts

For your GPS Chart Plotter. Navionics charts cover the world providing navigators and fisherman with all the necessary data for safer and easier navigation. Provided by geographic area on pre-programmed cartridges compatible with today's most popular chartplotters including: Eagle, Furuno, Geonav, Humminbird, Lowrance, Northstar, Raymarine and more. Just plug-and-play into a Navionics compatible plotter and have easy access to all the essential information found on official paper charts and fishing maps: tide and current data, depth contours, spot soundings, navaids, location names, detailed port plans, port service guides and more. Coverage size: XL3.

150107	(SD/PREM-E3)	Hotmap Premium East	**$149.00 A**
151059	(SD/PREM-S3)	Hotmap Premium South	**$149.00 A**
150109	(SD/15/XG)	Gold Map Central USA	**$199.00 A**
150110	(SD/16/XG)	Gold Map East USA	**$199.00 A**

Humminbird 700 Series Fishing Systems

Humminbird Unit Mounting System
For use with: 787c², 777c², 737 and 727.

403346 (MS-M) **$37.95 F**

Humminbird In-Dash Mounting Kit
For use with: 787c², 777c², 767, 737 and 727.

403344 (IDMK 700) **$26.95 F**

Humminbird Transducers
For use with: 787c² and 777c².

402802 (XTM 9 20 T) Trolling Motor **$76.95 F**

For use with: 787c², 777c² and 737.

402892 (XP 9 20 T) Puck **$76.95 F**

HUMMINBIRD

NEW ITEM



Model 798c SI Combo Fishing Systems
Display: 5" Diagonal 640V x 640H, 256 Color TFT. Sonar: Side Imaging; DualBeam PLUS; 180° total coverage. Depth: 150 ft (SI), 1,500 ft. GPS: 50 Channel GPS; Trackplotting; Chartplotting; GPS Speed; Humminbird UniMap. Water Temperature and GPS Speed included.

403393 Navionics Gold/HotMaps Bundle **$1,233.95 C**

403392 Kit with Transom Mount Transducer **$1,028.95 C**

Model 798ci SI Combo Fishing Systems
Comes with internal GPS Antenna.

403395 Navionics Value Bundle Model **$1,233.95 C**

403394 Kit with Transom Mount Transducer **$1,028.95 C**

HUMMINBIRD

NEW ITEM



Model 788c Combo Fishing System
Display: 5" Diagonal 640V x 640H, 256 Color TFT. Sonar: DualBeam PLUS. Depth: 1,500 ft. GPS: 50 Channel GPS; Trackplotting; Chartplotting; GPS Speed; Humminbird UniMap. Water Temperature and GPS Speed included.

403389 Kit with Transom Mount Transducer **$668.95 C**

Model 788ci Combo Fishing Systems
Comes with internal GPS Antenna.

403391 Navionics Gold/HotMaps Bundle **$874.95 C**

403390 Kit with Transom Mount Transducer **$668.95 C**

HUMMINBIRD

NEW ITEM



Model 778c Combo Fishing System
Display: 5" Diagonal 640V x 640H, 256 color TFT. Sonar: DualBeam PLUS. Depth: 1,500 ft. GPS: Capable. 50 Channel GPS; Trackplotting; QuadraBeam PLUS. Water Temp/Speed Paddle Wheel included.

403388 **$514.95 C**

HUMMINBIRD

NEW ITEM



Model 728c Combo Fishing System
Display: 5" Diagonal 640V x 320H, FSTN LCD 16 Level Grayscale. Sonar: DualBeam PLUS. Depth: 1,500 ft. GPS: Capable. 50 Channel GPS; Trackplotting; QuadraBeam PLUS. Water Temp included/Speed capable.

402587 **$312.95 C**

Humminbird 700 Series Fishing System



NEW ITEM

Model 718 Combo Fishing System
Display: 5" Diagonal 320V x 320H, FSTN LCD 16 Level Grayscale. Sonar: DualBeam PLUS. Depth: 1,000 ft. GPS: Capable. 50 Channel GPS; Trackplotting; QuadraBeam PLUS. Water Temp included/Speed capable.

402585 **$208.95 C**

Humminbird 500 Series Fishfinders

Humminbird Unit Mounting System
For use with: 595c, 585c and 525.

403346 (MS-M) **$37.95 F**

Humminbird Transducers
For use with: 595c, 585c and 525.

402802 (XTM 9 20 T) Trolling Motor **$76.95 F**
402892 (XP 9 20 T) Puck **$76.95 F**



NEW ITEM

Model 597ci Combo Fishfinder
Display: 4.5" Diagonal 640V x 480H, 256 color TFT. Sonar: DualBeam. Depth: 1,000 ft. GPS: 16 Channel GPS; Trackplotting; Chartplotting; Humminbird UniMap. Water Temp/Speed Paddle Wheel included.

402575 **$636.95 C**



NEW ITEM

Model 587ci Combo Fishfinder
Display: 4.5" Diagonal 320V x 240H, 256 color TFT. Sonar: DualBeam. Depth: 1,000 ft. GPS: 16 Channel GPS; Trackplotting; Chartplotting; Humminbird UniMap. Water Temp/Speed Paddle Wheel included.

402573 **$524.95 C**



NEW ITEM

Model 586c Combo Fishfinder
Display: 4.5" Diagonal 320V x 240H, 256 color TFT. Sonar: DualBeam. Depth: 1,000 ft. Water Temp included/Speed capable.

402572 **$390.95 C**

Humminbird 300 Series Fishfinders

Humminbird Unit Mounting System
For use with: 383c, 363, 343c and 323.

403346 (MS-M) **$37.95 F**

Humminbird In-Dash Mounting Kit
For use with: 383c, 363, 343c and 323.

403345 (IDMK 300) **$26.95 F**

Humminbird Transducers
For use with: 383c, 363, 343c and 323.

402802 (XTM 9 20 T) Trolling Motor **$76.95 F**
402892 (XP 9 20 T) Puck **$76.95 F**



Model 383c Combo Fishfinder
Display: 3.5" Diagonal 320V x 240H, 256 Color TFT, Sunlight Viewable. Sonar: DualBeam PLUS 1,000' depth, 2,400 Watts PTP, 300 Watts RMS. GPS: Internal 16 channel WAAS GPS receiver. Water temperature and GPS speed included.

403326 Kit with Transom Mount Transducer **$425.95 D**



Model 343c Fishfinder
Display: 3.5" Diagonal 320V x 240H, 256 Color TFT, Sunlight Viewable. Sonar: DualBeam PLUS 1,000' depth, 2,400 Watts PTP, 300 Watts RMS. Water Temp included/Speed capable.

404010 Kit with Transom Mount Transducer **$297.95 D**



Model 323 Fishfinder
Display: 4" Diagonal 320V x 240H, 16 level grayscale FSTN LCD. Sonar: DualBeam PLUS 1,000' depth, 2,400 Watts PTP, 300 Watts RMS. Water Temp included/Speed capable.

403333 Kit with Transom Mount Transducer **$200.95 D**

Humminbird PiranhaMAX Fishfinders

HUMMINBIRD

NEW ITEM



Model PiranhaMAX 190c Fishfinder

Display: 3.5" Diagonal 320V x 240H, 256 Color TFT. Sonar: Single Beam. Depth: 800 ft. Water Temp included.

402223 **$245.95 C**

HUMMINBIRD

NEW ITEM



Model PiranhaMAX 180 Fishfinder

Display: 4" Diagonal 240V x 160H, FSTN LCD 8 level grayscale. Sonar: TriBeam; 90° total coverage. Depth: 800 ft. Water Temp included.

402222 **$155.95 C**

HUMMINBIRD

NEW ITEM



Model PiranhaMAX 170 Fishfinder

Display: 4" Diagonal 240V x 160H, FSTN LCD 8 level grayscale. Sonar: Dual Beam. Depth: 800 ft. Water Temp included.

402221 **$111.95 C**

HUMMINBIRD

NEW ITEM



Model PiranhaMAX 160 Fishfinder

Display: 4" Diagonal 160V x 128H, FSTN LCD 4 level grayscale. Sonar: Dual Beam. Depth: 600 ft. Water Temp included.

402220 **$93.95 C**

HUMMINBIRD

NEW ITEM



Model PiranhaMAX 150 Fishfinder

Display: 4" Diagonal 160V x 128H, FSTN LCD 4 level grayscale. Sonar: Single Beam. Depth: 600 ft. Water Temp included.

402219 **$89.95 C**

Humminbird Transducers



Humminbird Trolling Motor Transducer
Trolling motor mount transducers are designed to mount onto the body of most trolling motors. A low profile shape reduces drag in the water and minimizes hang-ups on weeds. Includes: 15′ cable and hardware. The included hose clamp has a minimum diameter of 3.5″ and a maximum diameter of 5.5″.

For use with: 787c², 777c², 595c, 585c, 525, 383c, 363, 343c, 323, 161, 141c, Matrix 97, Matrix 12, PiranhaMAX 220 and PiranhaMAX 215.

402802 (XTM 9 20 T) **$76.95 F**



Humminbird Puck Transducer
Puck transducers mount to the inside of most fiberglass hulls and transmits the sonar signal through the hull. The hull must be a single layer fiberglass construction (cored fiberglass, metal or wood are not acceptable) and be free of trapped air and voids. The transducer is glued in with slow cure epoxy. Includes: 15′ cable and epoxy.

For use with: 787c², 777c², 737, 595c, 585c, 525, 383c, 363, 343c, 323, 161, 141c, Matrix 97, Matrix 12, PiranhaMAX 220 and PiranhaMAX 215.

402892 (XP 9 20 T) **$76.95 F**



Humminbird Transom Transducers
Transom transducers mount on the transom (back) of the boat in contact with the surface of the water. Many models incorporate an impact release feature that allows the transducer to pivot up and out of the way if struck by an object. Includes: 20′ of cable and hardware.

For use with: 997c SI.
402891 (XHS 9 HDSI 180 T) **$264.95 F**

For use with: 987c.
402764 (XHS 9 SI 160 T) **$233.99 F**

For use with: 937c DF and 931c.
402766 (XHS 9 DB 74 T) **$116.99 F**

Humminbird Transom Transducer
For use with: Wide W and LCR W.

402759 (XHS 6 16) **$68.95 F**

Humminbird Transom Transducer
Transom mount with built in temperature sensor. For use with: Legend ID40, Matrix 15, Matrix 25, Matrix 55 and Matrix 65.

402760 (XHS 9 20 T) **$76.95 F**

Humminbird Transom Transducer
Dual beam, 200 kHz/83 kHz. For use with: 200DX and NS-25 GPS/Sonar.

402946 (XT 6 20) **$66.95 F**

Humminbird Transom Transducer
For use with: 100SX and 105SX.

402761 (XHS 6 24) **$59.95 F**

Humminbird Transom Transducer - Tri-Beam
For use with: 300TX, 400TX, Wide Panorama and Wide Paramount.

402711 (XT 6 TB 90) **$83.95 F**

Humminbird Transducer Extension Cables



HUMMINBIRD

Humminbird Transducer Extension Cables - Length 10'
For use with: 300TX, 400TX, TOUR SERIES, WIDE EYE, WIDE VIEW, WIDE VISION, WIDE 3D VIEW, WIDE 3D VISION, WIDE 3D VISTA, WIDE OPTIC, WIDE PORTRAIT, WIDE PANORAMA, WIDE PARAMOUNT, WIDE 3D PARAMOUNT, ALL 500 SERIES FISHFINDERS, ALL MATRIX AND ALL PIRANHA PRODUCTS, ALL 500 SERIES, ALL 300 SERIES, ALL 700 SERIES, ALL 900 SERIES.

402999 (EC-W10) **$28.95 F**

Wih modular connector. For use with: TCR-101, TCR-ID-1, TCR-ID-10, PLAT ID 120, PLAT ID 600, LCR400, LCR400 ID, HDR 200I, HDR 600I, WIDE ONE, WIDE ONE-D, WIDE 100, NS10-US, NS25, ULTIMA, HBL 201G, SR-ID 600, OEM-LCR, LCR 120, LCR100's, WIDE W, LCR W, TRACKER 160, PRO ANGLER 160, XTREME 160, PRO ANGLER 400SX, TRAK PRO 128, WP60 ID, 100SX, 200DX, WIDE 2000, z160, 105SX, 405SX, LEGEND 1000, LEGEND 1000 DEEP, LEGEND 2000, LEGEND 2000 DEEP, LEGEND 3000 DEEP. Also works with the 200 kHz transducer (XHS-6-16) for the WIDE 3D VIEW, WIDE 3D VISTA, 3D PARAMOUNT.

402951 (EC-6) **$28.95 F**

Humminbird Power Cable



HUMMINBIRD

Humminbird Power Cable - Length 6'
For use with: WIDE ONE, WIDE EYE, WIDE VIEW, WIDE VISION, WIDE 3D VIEW, WIDE 3D VISION, WIDE 3D VISTA, WIDE 100, WIDE 128, WIDE OPTIC, WIDE PORTRAIT, WIDE PANORAMA, WIDE PARAMOUNT, WIDE 3D PARAMOUNT, WIDE W, PRO FLASHER, LCR 120, OEM-LCR, LCR-3D, HBL201G, SR-ID 600, ULTIMA, 100SX, 200DX, 300TX, 400TX, PRO ANGLER, TOUR SERIES, PRO ANGLER 160, XTREME 160, TRACKER 160, TRAK PRO 128, 105SX, 405SX, ALL PIRANHA PRODUCTS, LEGEND 1000, LEGEND 1000 DEEP, LEGEND 2000, LEGEND 2000 DEEP, LEGEND 3000, LEGEND 3000 DEEP, ALL MATRIX ALL PIRANHA PRODUCTS, ALL FISHFINDER 300 SERIES, ALL 500 SERIES, ALL 700 SERIES, ALL 900 SERIES.

402987 (PC-10) **$15.95 F**

Humminbird Temp/Speed Sensor with 20' Cable

HUMMINBIRD



Humminbird Temp/Speed Sensor with 20' Cable
Temperature range of 25 - 99.9° F. Speed range of 2 - 75 MPH. For use with: Wide Eye, Wide View, Wide Vision, Wide 3D View, Wide 3D Vision, Wide 3D Vista, Wide Optic, Wide Portrait, Wide Panorama, Wide Paramount, Wide 3D Paramount, Wide 2000, Tour Series, 200DX, 300TX, 400TX, 405SX, Legend 1000, Legend 1000 Deep, Legend 2000, Legend 2000 Deep, Legend 3000, Legend 3000 Deep, Legend ID40, Matrix 10, Matrix 10 Portable, Matrix 10 Track Pack, Matrix 15, Matrix 15 Plus, Matrix 17, Matrix 20, Matrix 20 Portable, Matrix 20 Track Pack, Matrix 25, Matrix 25 Plus, Matrix 27, Matrix 35, Matrix 35 Plus, Matrix 37, Matrix 55, Matrix 65, Matrix 67, Matrix 97, Fishfinder 515, Fishfinder 535, Fishfinder 565.

402610 (TS-W) **$59.95 F**

Humminbird Accessories

HUMMINBIRD



Humminbird Unit Mounting System

Optional mount system for your Humminbird can be used for a second mounting location on the boat or make a great replacement for a worn original. For use with: 787c^2, 777c^2, 737, 727, Matrix 47 3D, Matrix 12, 595c, 585c, 525, 383c, 363, 343c, 323 and 141.

403346 (MS-M) **$37.95 F**

HUMMINBIRD



Humminbird PC Connection Kit

Includes: PC Serial Port Cable with DB9 Connector, 9V Power Cable and detailed instructions. The PC Connection Kit requires: PC Serial Port, (2) 9V Batteries, HumminbirdPC Software (from humminbird.com). If you have only USB communication ports on your PC or laptop, see our part AS USB which will allow you to use the AS PC2 on these type of setups.

402799 (AS PC2) **$26.95 F**

Humminbird System Link Cable - Length 10'

Accessory system extension "Y" cable. Allows you to connect two units to one GPS receiver. NMEA 0183.

402803 (AS STSLINK) **$39.95 F**

Humminbird InterLink Network Connection

The InterLink System Module networks two Fishing System Models together enabling GPS and other accessory data to be shared between the units. The ability to display critical fishing and navigation data on both displays provides time-saving convenience for the user.

402801 (AS INTERLINK) **$167.95 F**

Humminbird WeatherSense Barometer

For all Fishing System Units. Monitors barometric pressure in real time and displays the information on the Fishing System Unit. Cable from monitor to fish finder is approximately 38" long.

402804 (AS BP) **$103.95 F**

HUMMINBIRD



Humminbird Trolling Motor Adapter

Adapter hardware for attaching high speed transducer to trolling motor. For use with: LCR100-I, LCR100-G, HDR200, HDR400, HDR600, LCR400, LCR400-ID, ULTIMA, SR-ID600, HBL201G, OEM-LCR, DIM 3-120, DIM 3-600, LCR 3D, WIDE EYE, WIDE VIEW, WIDE VISION,WIDE 3D VIEW, WIDE 3D VISION, WIDE 3D VISTA, WIDE OPTIC, WIDE PORTRAIT, WIDE PANORAMA, WIDE PARAMOUNT, WIDE 3D PARAMOUNT, 200DX, 300TX, 400TX, PRO ANGLER, WIDE 2000, PRO FLASHER, NS25, Z160 and LPG2000.

403004 (AD-STM-7) **$21.95 F**

HUMMINBIRD

NEW ITEM



Humminbird GPS Receiver

Connect this GPS Receiver to a Matrix, 700, 900 or 1100 Series product to see your position, breadcrumb trail, speed and other GPS features. The receiver's dimensions are: 3.25" diameter, 1.5" high and comes with 20 feet of cable and has a 1" - 14 thread count stem mountable with optional antenna stem (antenna stem not included).

402796 (AS GR16) **$138.95 F**

HUMMINBIRD



Humminbird Unit Cover - Small

Unit cover protects the unit while the boat is being trailored with the unit on the mount or while the unit is being transported away from the boat. Protects against bugs or flying debris. Will also keep the unit from getting scratched when not on the mount. Made of stretch neoprene with HUMMINBIRD logo printed on front. For use with: WIDE ONE, WIDE 100, WIDE EYE, WIDE OPTIC, WIDE W, TRAK PRO 128, PRO FLASHER, 100SX, 200DX, 300TX, TOUR SERIES and PRO ANGLER.

402266 (UC WS) **$13.95 F**

Digital Depth Sounders





Marpac Digital Depth Sounder

Unit comes complete with white and black bezel and dial faces. 250 watts of transmitting power. Impact and waterproof front face. Depth readings from 2 to 200 feet. Upper and lower depth alarms. Backlit display and keypads. Instant depth readings in 1/10. Precision updated 4x's per second. In-dash or surface mountable.

7-2500 Digital Depth Sounder **$111.95 D**
7-2501 Surface Mount Bracket **$21.95 D**

LOWRANCE



Lowrance LCF-1440 In-Dash Digital LCD Flasher

Film SuperTwist full dot matrix, 4-level grayscale. A high-contrast 2.5" display at 132 x 132 resolution. Includes: 200 kHz Skimmer transducer with built-in temp display. 800W peak-to-peak power for depths to 600'. Sonar alarms: Fish, max. and min. depth. Multi-level White LED backlighting. Built-in back-up memory. Mfrs. full one-year warranty.

141337 (49-471) **$199.00 B**

LOWRANCE



Lowrance LDT-3200 In-Dash Digital Temp

Precise, sensitive water surface temp digital readings with a modern new look! High-contrast dot matrix display with advanced LED backlighting. Temp readings to the nearest 0.1 degree Fahrenhelit. Temp sensor included. Compact size fits standard 2-1/8" diameter hole. Sealed and waterproof. Mfrs. full one-year warranty.

141326 (07-28) **$105.00 B**

HUMMINBIRD



Humminbird HDR600 Digital Depth Sounders

The HDR600 offers in-dash digital depth readouts with bottom tracking technology. Features: Easy to read backlit display, Depth capability to 600', deep and shallow water alarms and keel offset. Mount in standard 2-1/8" gauge holes. Information available in feet, meters and fathoms.

402569 (082324-02025) Transom **$99.95 B**
402583 (082324-02126) Puck **$99.95 B**

LOWRANCE

NEW ITEM



Lowrance LST-3800 In-Dash Digital Depth and Temp

High-contrast dot matrix display with advanced LED backlighting. Depth capability to 700'. Compact size fits standard 2-1/8" diameter hole.

140252 (LST-3800) **$149.95 B**

Lowrance Large Screen Sonar/GPS Chartplotter Combos

Features: SolarMAX Displays. Innovative technology for superior wide-angle and bright-sunlight viewing. Ethernetworks. High-speed, high-capacity plug-and-play networking of displays with performance modules like Broadband Sounder-1. Lowrance Radar Compatible. Radar overlay and other advanced performance features with many affordable radar choices. NMEA 2000. Connectivity with NMEA 2000 data-sharing networks and sensors. NMEA 0183. Dual RS-232 ports for radar, autopilot, DSC VHF and more. Up to 1kW RMS sounding (8,000 watts peak-to-peak); depths to 3,000' @ 50 kHz. Super-sensitive receiver enhances shallow/deep water sonar performance. 200 kHz or 50/200 kHz operation. GPS+WAAS precision with NMEA 2000 - certified LGC-3000 external antenna. Waterproof slots to load optional cartography on plug-and-play SD cards for display: Lowrance FreedomMaps, Lowrance Fishing Hot Spots PRO, Lowrance LakeMaster ProMaps, Lowrance NauticPath USA Coastal & International and select Navionics electronic charts. FlashGraf. COLORLINE. Fluorescent cold cathode backlighting. High-speed screen updates and internal back-up memory. Screen/keypad cover. Sealed and waterproof. Mfrs. full one-year warranty.



LOWRANCE

Lowrance LCX-27C Sonar/GPS Chartplotter Combo

Delivers a brilliant 7" diag. TFT color display and sonar/GPS chartplotter performance. Features expanded built-in background map of the continental U.S. and Hawaii with over 3,000 lakes with depth contours. Waterproof memory card slots are compatible with a superb variety of high-detail, plug-and-play electronic chart options loaded on MMC/SD cards.

50/200 kHz Sonar/GPS Chartplotter Combo
With dual-frequency 50/200 kHz Skimmer transducer for saltwater or downrigger tracking and temp/speed/distance readings.
140591 (123-13) **$1,121.95 B**

200 kHz Sonar/GPS Chartplotter Combo
Includes: 200 kHz Skimmer transducer with temperature sensor. Speed/distance readings from GPS.
140590 (123-12) **$1,027.95 B**

Sonar only with 50/200 kHz Skimmer Transducer.
With temp/speed/distance readings.
140588 (123-11) **$915.95 B**

Sonar only with 200 kHz Skimmer Transducer.
With temp readings.
140586 (123-10) **$822.95 B**

Unit without LGC-3000 and Transducer.
140585 (123-14) **$769.00 B**



LOWRANCE

Lowrance LCX-28C HD Sonar/GPS Chartplotter Combo

The newly enhanced edition in the highly popular 7" screen size with all the champion-grade sonar/chartplotter features that has made the LCX series the choice of serious pros. Featuring larger 30GB internal hard drive preloaded with high-detail mapping/charts for coastal and inland navigation in and around the U.S. and Hawaii.

50/200 kHz Sonar/GPS Chartplotter Combo
With dual-frequency 50/200 kHz Skimmer transducer for saltwater or downrigger tracking and temp/speed/distance readings.
140607 (123-18) **$1,278.95 B**

200 kHz Sonar/GPS Chartplotter Combo
Includes: 200 kHz Skimmer transducer with temperature sensor. Speed/distance readings from GPS.
140605 (123-17) **$1,185.95 B**

Sonar only with 50/200 kHz Skimmer Transducer.
With temp/speed/distance readings.
140604 (123-16) **$1,073.95 B**

Sonar only with 200 kHz Skimmer Transducer.
With temp readings.
140603 (123-15) **$980.95 B**

Unit without LGC-3000 and Transducer.
140601 (123-19) **$949.00 B**



LOWRANCE

Lowrance GlobalMap® 5200C GPS Chartplotter

A superb new color GPS chartplotter with an external precision GPS+WAAS satellite antenna to allow for custom placement and installation. 5" screen displays at 480 x 480 resolution with the unique SolarMax enhancement to produce maximum visibility in all lighting scenarios. 16-bit color SolarMax TFT display. Lowrance radar compatible. NMEA 2000 compatible for networking. Ethernet connectivity. Comes with built-in background map of the U.S. and Hawaii. One MMC/SD memory card slot. Sealed and waterproof.

142401 (123-37) **$499.00 B**

LOWRANCE



Lowrance iFinder® GO² Handheld GPS

Compact, waterproof casing. Monochrome File SuperTwiest, 16-level grayscale. A high-contrast 2" display at 200 x 140 resolution. Precicion 16-parallel channel GPS+WAAS receiver. Built-in 64MB memory preloaded with electronic mapping of the continental U.S. and Hawaii. GPS Overlay Data. Multilanguage Display. GPS Alarms. One MMC/SD memory card slot. Amber LED backlighting.

143258 (112-49) **$99.00 B**

Lowrance Full Size Sonar/GPS Chartplotter Combos

A brilliant 5" display at 480 x 480 resolution. ASP, FishSymbol I.D. and FishTrack. Ping Speed HyperScroll. FasTrack. Sonar Graph Recording. Sonar Alarms. Split-Screen Zoom. Temp display. Resizable display window. Built-in enhanced background map of the US and Hawaii. Waterproof slot for digital media card (MMC/SD, not included) to record sonar graphs and GPS details, and display optional custom mapping. Optional MapCreate USA Topo Accessory Pack, FreedomMaps, Fishing Hot Spots PRO, LakeMaster ProMaps, NauticPath and Navionics. Stores up to 100 routes, 1,000 waypoints, 1,000 event markers, 100 savable plot trails/10,000 points per trail. Man overboard feature. GPS Alarms. GPS trip details recording. Built-in back-up memory. Sealed and waterproof. Mfrs. full one-year warranty.

LOWRANCE



Lowrance LMS-525$_{C\ DF}$ Sonar/GPS Chartplotter Combo

Designed for saltwater or downrigger tracking, this dual-frequency sonar/GPS chartplotter provides additional 50 kHz readings, in addition to a high-res 480 x 480 display on a 5" screen and many professional features. 16-bit color SolarMax TFT. High-speed 50/200 kHz Skimmer transducer. COLORLINE. Speed and Distance Log. 4,000 watts peak-to-peak/500 watts RMS, depths to 2,500 ft. with 50 kHz. 12-parallel channel external GPS+WAAS precision with NMEA 2000 compliant LGC-3000 receiver/antenna module. Zoom range: 40 ranges, 0.02-4000 miles. 5-pin Ethernet expansion port and one full RS-232 port.

140942 (123-36) **$699.00 B**

LOWRANCE



Lowrance LMS-527$_{C\ DF}$ iGPS Sonar/GPS Chartplotter Combo

Provides dual frequency sonar, for saltwater or downrigger tracking and a built-in GPS receiver, for vertical console mount on open-cockpit boats! 16-bit color SolarMax TFT. High-speed 50/200 kHz Skimmer transducer. COLORLINE. Speed and Distance Log. 4,000 watts peak-to-peak/500 watts RMS, depths to 2,500 ft. with 50 kHz. 12-parallel channel with internal GPS+WAAS receiver. Compatible for NMEA 2000 networking/radar/satellite radio. Zoom range: 40 ranges, 0.02-4000 miles. 5-pin Ethernet expansion port and one full RS-232 port.

140943 (116-28) **$699.00 B**

LOWRANCE



Lowrance LMS-520$_{C}$ Sonar/GPS Chartplotter Combos

A superb color 200 kHz sonar/GPS chartplotter with an external precision GPS+WAAS satellite antenna to allow for custom placement and installation. 16-bit color SolarMax TFT. High-speed 200 kHz Skimmer transducer with temperature sensor. COLORLINE. 2,400 watts peak-to-peak power for depths to 900'. 12-parallel channel external GPS+WAAS precision with NMEA 2000 compliant LGC-3000 receiver/antenna module. Zoom range: 40 ranges, 0.02-4000 miles. 5-pin Ethernet expansion port and one full RS-232 port.

140931 (123-35) With 200 kHz Skimmer Transducer **$699.00 B**
140934 (123-40) w/o 200 kHz Skimmer Transducer **$599.00 B**

LOWRANCE



Lowrance LMS-522$_{C}$ iGPS Sonar/GPS Chartplotter Combos

A superb color 200 kHz sonar/GPS chartplotter with the convenience of a built-in precision GPS+WAAS satellite antenna that's perfect for vertical console mount on open cockpit boats for inshore and inland fishfinding and navigation. 16-bit color SolarMax TFT. High-speed 200 kHz Skimmer transducer with temperature sensor. COLORLINE. 2,400 watts peak-to-peak power for depths to 900'. 12-parallel channel with internal GPS+WAAS receiver. Compatible for NMEA 2000 networking/radar/satellite radio. Zoom range: 40 ranges, 0.02-4000 miles. 5-pin Ethernet expansion port and one full RS-232 port.

140937 (116-27) With 200 kHz Skimmer Transducer **$664.95 B**
140936 (116-30) w/o 200 kHz Skimmer Transducer **$599.00 B**

LOWRANCE



Lowrance LMS-480$_{M}$ Sonar/GPS Chartplotter Combos

Monchrome Film SuperTwist, 16-level gray scale. High-speed 200 kHz Skimmer transducer with temperature sensor. GRAYLINE. FishReveal. 4,000 watts peak-to-peak power for depths to 1,000'. 12-parallel channel external GPS+WAAS precision with NMEA 2000 compliant LGC-3000 receiver/antenna module. Zoom range: 38 ranges, 0.02-4000 miles.

140555 (117-031) With 200 kHz Skimmer Transducer **$514.95 B**

LMS-480$_{M\ DF}$ Sonar/GPS Chartplotter Combo - Dual-Frequency
Same great features of the LMS-480$_{M}$ with: 50/200 kHz Skimmer transducer. 4,000 watts peak-to-peak power for depths to 2,500'. Speed and Distance Log.

140556 (117-151) **$608.95 B**

Lowrance Full Size Sonar Fishfinders

A brilliant 5" display at 480 x 480 resolution. ASP, FishSymbol I.D. and FishTrack. FishReveal Ping Speed HyperScroll. FlashGraf. FasTrack. Sonar Alarms. Split-Screen Zoom. Temp display. Built-in back-up memory. Sealed and waterproof. Mfrs. full one-year warranty.



Lowrance X125 Sonar Fishfinder

Excellent 480 x 480 pixel LCD sonar with all the tournament proven features, for less! Monochrome Film SuperTwist 16-level grayscale. GRAYLINE. 2,400 watts peak-to-peak power for depths to 900'. Advanced white LED backlighting.

140288 (117-07) With 200 kHz Skimmer Transducer **$295.95 B**



Lowrance X510c Sonar Fishfinders

Providing 2,400 watts of peak sonar power at 200 kHz frequency and radar compatibility, all displayed on a 5", 480 x 480 high-res TFT display. 16-bit color SolarMax TFT. COLORLINE. 2,400 watts peak-to-peak power for depths to 900'. Compatible for NMEA 2000 networking/radar/satellite radio. Fluorescent cold cathode backlighting. 5-pin Ethernet expansion port.

141651 (123-33) With 200 kHz Skimmer Transducer **$498.95 B**
141650 (123-39) w/o 200 kHz Skimmer Transducer **$449.00 B**



Lowrance X135 Sonar Fishfinders

Powerful 480 x 480 pixel LCD sonar. Monochrome Film SuperTwist 16-level grayscale. GRAYLINE. 4,000 watts peak-to-peak power for depths to 1,000'. Compatible for NMEA 2000 networking/radar/satellite radio. Advanced white LED backlighting.

140306 (117-01) With 200 kHz Skimmer Transducer **$399.95 B**
140305 (117-13) w/o 200 kHz Skimmer Transducer **$349.00 B**

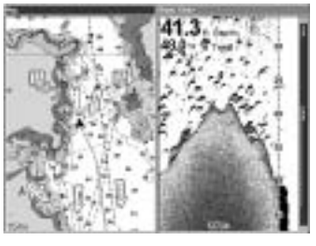


Lowrance X96 Sonar Fishfinder

A high-definition 320 x 320 display. Monochrome Film SuperTwist 16-level grayscale. GRAYLINE. 1,500 watts peak-to-peak power for depths to 800'. Backlit screen and keypad for night or low-light viewing.

140491 (110-76) With 200 kHz Skimmer Transducer **$206.00 B**

Lowrance Mapping



Lowrance NauticPath™ USA

Offshore/coastal navigational detail and information with plug-and-play ease. The preloaded memory card offers the highest level of accuracy with depth contours, chart information and extensive object-oriented detail including but not limited to tides, currents, wrecks and obstructions. Coverage is divided into one of nine regions and includes East and West coasts, Hawaii, Gulf coast, Great Lakes and Alaska.

143922 (108-129) **$93.95 F**



Lowrance Fishing Hot Spots® Pro

A greatly-enhanced and affordable angler edge in new, superbly-detailed electronic mapping with increased coverage, preloaded in plug-and-play mapcards. Each card also features MapCreate Series-7 urban and rural land/water detail including roads, highways, landmarks, cities, searchable Points-of-Interest database, and much more, for near-and off-water navigation. Each a big help on a 512MB MMC/SD memory card, that's an incredible value. Compatible with most Lowrance models with memory card slots.

143918 (108-207) Southern U.S. **$93.95 F**
143920 (109-183) Eastern U.S. **$93.95 F**

Navionics Electronic Navigational Charts



Navionics Electronic Navigational Charts

For Your GPS Chart Plotter. Navionics charts cover the world providing navigators and fisherman with all the necessary data for safer and easier navigation. Provided by geographic area on pre-programmed cartridges compatible with today's most popular chartplotters including: Eagle, Furuno, Geonav, Humminbird, Lowrance, Northstar, Raymarine and more. Just plug-and-play into a Navionics compatible plotter and have easy access to all the essential information found on official paper charts and fishing maps: tide and current data, depth contours, spot soundings, navaids, location names, detailed port plans, port service guides, and more. Coverage size: XL3.

150107	(SD/PREM-E3)	Hotmap Premium East	**$149.00 A**
151059	(SD/PREM-S3)	Hotmap Premium South	**$149.00 A**
150109	(SD/15/XG)	Gold Map Central USA	**$199.00 A**
150110	(SD/16/XG)	Gold Map East USA	**$199.00 A**

Lowrance Compact Fishfinders

LOWRANCE



Lowrance M68$_{C\ S/MAP}$ Compact Fishfinders

A brilliant 3.5" display at 320 x 240 resolution. 256-color active matrix TFT. 800 watts peak-to-peak power for depths to 600'. COLORLINE, ASP, FishSymbol I.D. and Fishtrack. Ping Speed HyperScroll. Flasher without FlashGraf. FasTrack. Sonar Alarms. Split-Screen Zoom. Temp Display. 12-parallel channel internal GPS+WAAS. Built-in, special U.S. hydrogaphy mapping. Advanced white LED backlighting. Man overboard feature. GPS alarms. Resize window. Supports 10 languages. Built-in back-up memory. Sealed and waterproof.

142201	(116-03) With 200 kHz Skimmer Transducer	**$404.95 B**
142200	(116-05) w/o 200 kHz Skimmer Transducer	**$349.00 B**

Lowrance M68$_{C\ S/MAP}$ Compact Fishfinder - Salt Water

Designed for saltwater. Features special Skimmer saltwater transducer with temperature sensor for depths to 800'.

142198 (116-07) **$399.00 B**

LOWRANCE



Lowrance X50$_{DS}$ Dual-Search Fishfinder

Comes with a high-contrast 240 x 160. Monochrome Film SuperTwist, 4-level grayscale. Compact Dual-Search 83/200 kHz Skimmer with dual beams producing up to 120° of wide fishfinding coverage. Built-in temp sensor in the Skimmer transducer. GRAYLINE. 1,500 watts peak-to-peak power for depths to 1,000'. Backlit screen for night or low-light viewing. Simplified keypad with Menu keys. ASP, FishSymbol I.D. and Fish Track. FishReveal. Sonar alarms. Temp display. Built-in back-up memory.

140489 (110-68) **$120.00 B**

LOWRANCE



Lowrance X67$_{c}$ Compact Fishfinders

A brilliant 3.5" display at 320 x 240 resolution. 256-color active matrix TFT. 800 watts peak-to-peak power for depths to 600'. COLORLINE, ASP, FishSymbol I.D. and Fishtrack. Ping Speed HyperScroll. Flasher without FlashGraf. FasTrack. Sonar Alarms. Split-Screen Zoom. Temp Display. Backlit screen and keypad for night or low-light viewing. Supports 10 languages. Built-in back-up memory. Sealed and waterproof.

140400	(110-50) With 200 kHz Skimmer Transducer	**$250.95 B**
140398	(110-51) w/o 200 kHz Skimmer Transducer	**$206.00 B**

LOWRANCE



Lowrance X52 Compact Fishfinder

LowranceNET compatibility! A brilliant 4" display at 240 x 160 resolution. Monchrome Film SuperTwist 16-level Grayscale. 1,500 watts peak-to-peak power for depths to 800'. GRAYLINE, ASP, FishSymbol I.D. and Fishtrack. FishReveal. Ping Speed HyperScroll. Flasher without FlashGraf. FasTrack. Sonar Alarms. Temp Display. Compatible for NMEA 2000 networking/radar/satellite radio. Backlit screen and keypad for night or low-light viewing. Built-in back-up memory. Sealed and waterproof.

140314 (110-61) With 200 kHz Skimmer Transducer **$197.95 B**

Eagle Fullsize Single Frequency Sonars



141717



142126

Eagle FishElite® 500c
Fullsize Color Sonar/GPS+WAAS Combo

Ultra-bright, 5" diagonal screen. 256-color, enhanced TFT LCD. 320V x 240H resolution. Fluorescent cold-cathode backlit screen and keypad. Unique Resize Window to adjust split-screen display. Overlay Data feature displays sonar/GPS data on any full- or split-screen display. Depth capability to 800' with 1,500W of peak-to-peak power. High-performance, low-profile 200 kHz Skimmer transducer with built-in temp sensor delivers up to 60º of fish detection coverage. COLORLINE, ASP, FishReveal, FishSymbol I.D. and FishTrack. Ping Speed HyperScroll. FasTrack. Sonar Graph Recording. Sonar Alarms. Split-Screen Zoom. Temp Display. 12-channel, external GPS+WAAS EGC-12W. Built-in enhanced USA map with exit services, navaids and wrecks and obstructions. Waterproof card slot for one MMC/SD memory card (not included) to record sonar graphs and GPS data files, and to load high-detail electronic chart options for nav display. Optional GPS Mapping Accessory Pack, FreedomMaps, Fishing Hot Spots Elite, NauticPath USA, LakeMaster Pro Maps and Navionics. Manoverboard Feature. GPS Alarms. GPS Trip Details Recording. Supports 10 languages. Built-in back-up memory. Sealed and waterproof.

142126 (117-43) **$488.00 B**

Eagle Cuda® 250 S/MAP Compact Sonar/GPS+WAAS Combo

4" diagonal screen. Film SuperTwist LCD. 240V x 160H resolution. White LED backlit screen. 16-level grayscale. Unique space-saving case design with blue faceplate. Overlay Data feature displays GPS data on sonar screens and sonar data on GPS screens. Depth capability to 600' with 800W of peak-to-peak power. High-performance, low-profile 200 kHz Skimmer transducer with built-in temp sensor delivers up to 60º of fish detection coverage. GRAYLINE, ASP, FishReveal, FishSymbol I.D. and FishTrack. Ping Speed HyperScroll. Sonar Alarms. Temp Display. 12-channel, internal GPS+WAAS antenna. Transmits NMEA 0183 data. Built-in high-detail mapping of lakes, rivers, Great Lakes and US coatal waters with enhanced shoreline detail and navaids. Full-screen map, map with digital data, steer-to navigation screen and GPS satellite status display choices. Manoverboard Feature. GPS Alarms. Supports 10 languages. Built-in back-up memory. Sealed and waterproof.

141717 (116-15) **$216.00 B**



Eagle FishEasy® 320c
Compact Color Sonar Fishfinder

Ultra-bright, 3.5" diagonal screen. 256-color, active matrix TFT LCD. High-definition 320V x 240H resolution. White LED backlit screen and keypad. Simplified keypad. Overlay Data feature displays select digital readings over the sonar graph. Depth capability to 600' with 800W of peak-to-peak power. High-performance, low-profile 200 kHz Skimmer transducer with built-in temp sensor delivers up to 60º of fish detection coverage. COLORLINE, ASP, FishReveal, FishSymbol I.D. and FishTrack. Ping Speed HyperScroll. FasTrack. Sonar Alarms. Temp Display. Supports 10 languages. Built-in back-up memory. Sealed and waterproof.

142103 (117-46) **$239.00 B**



Eagle FishMark® 480c
Fullsize Color Sonar Fishfinders

5" diagonal screen. High-definition 480 x 480 Film SuperTwist LCD 16-level grayscale. Fluorescent cold-cathode backlit screen and keypad. Unique Resize Window to adjust split-screen display. Overlay Data feature displays select digital readings over the sonar graph. Depth capability to 800' with 1,500W of peak-to peak power. High-performance, low-profile 200 kHz Skimmer transducer with built-in temp sensor delivers up to 60º of fish detection coverage. GRAYLINE , ASP, FishReveal, FishSymbol I.D. and FishTrack. Ping Speed HyperScroll. FasTrack. Sonar Alarms. Split-Screen Zoom. Temp Display. Supports 10 languages. Built-in back-up memory. Sealed and waterproof. Mfrs. full one-year warranty.

142113 (117-09) **$219.00 B**

FishMark® 320 Fullsize Fishfinder

Same features as the FishMark 480 with a 5" diagonal screen. Film SuperTwist LCD. High-definition 320 x 320 resolution. Backlit screen for night or low-light viewing. 16-level grayscale. GRAYLINE.

140896 (111-70) **$163.00 B**



Eagle Cuda® 168 Compact Sonar Fishfinder

Ultra-bright, 4" diagonal screen. Film SuperTwist LCD. 168V x 132H resolution. Backlit screen for night or low-light viewing. 4-level grayscale. Burgundy faceplate. Depth capability to 600' with 800W of peak-to-peak power. High-performance, low-profile 200 kHz Skimmer transducer with built-in temp sensor delivers up to 60º of fish detection coverage. GRAYLINE, ASP, FishReveal, FishSymbol I.D. and FishTrack. Ping Speed HyperScroll. Sonar Alarms. Temp Display. Built-in back-up memory. Sealed and waterproof. Mfrs. full one-year warranty.

141300 (110-37) **$77.00 B**

Lowrance/Eagle Transom Mount Transducers

LOWRANCE

EAGLE

Lowrance/Eagle Transom Mount Transducers

Transom mount. 20 degree skimmer (200 kHz) with built-in temperature sensor. Includes: 20' power cable. For use with: X47, Cuda, FishEasy2 (black connector units only) and FishMark (black connector units only).

140212 (106-48) HST-WSU **$70.95 F**

Transom mount. Skimmer with built-in temperature sensor. Includes: 20' power cable. For use with: LCX-110C, LCX-111C HD, LCX-112C, LCX-113C HD, LCX-17M, LCX-20C, LCX-25C, LCX-26C HD, LCX-27C, LCX-28C HD, LCX-37C, LCX-38C HD, LMS-330C, LMS-332C, LMS-334C iGPS, LMS-480, LMS-520C, LMS-522C iGPS, X100C, X102C, X125, X135, X510C, X-510C and X52.

140214 (106-72) HST-WSBL **$83.95 F**

Transom mount. Dual frequency skimmer with built-in temperature sensor. Includes: 25' power cable. For use with: LCX-110C, LCX-111C HD, LCX-112C, LCX-113C HD, LCX-17M, LCX-20C, LCX-25C, LCX-26C HD, LCX-27C, LCX-28C HD, LCX-37C, LCX-38C HD, LMS-335C DF, LMS-337C DF, LMS-339C DF iGPS, LMS-480, LMS-525C DF, LMS-527C DF iGPS, X105C DF, X107C DF, X126DF, X136DF, X515C DF, X-515C DF and X59 DF.

140216 (106-77) HST-DFSBL **$146.95 F**

Transom mount. 20 degree skimmer (200 kHz). Includes: 20' power cable. For use with: X51, X58, X71, X87, X88, X91, X97, X98, X125, X135, X100C, LMS-240, LMS-320, LMS-480, LMS-330C, LCX-15, LCX-16, LCX-18, LCX-19, LCX-104, FishEasy2 (gray connector units only) and FishMark (gray connector units only).

142211 (106-34) HS-WSX **$64.95 F**

LOWRANCE

EAGLE



142214



140967

Lowrance/Eagle Transom Mount Transducers

Transom mount. 20 degree skimmer (200 kHz). Includes: 20' power cable. For use with: X47, X67, M56, M68, Duda, FishEasy2 (black connector units only) and FishMark (black connector units only).

142214 (106-51) HS-WSU **$56.95 F**

Transom Mount. Low-profile skimmer transducer designed for high speed operation. Includes: 20' power cable. Black connector. For use with: X49, X65, X85, LMS-160, FishEasy, UltraClassic and Accura 240.

140967 (90-73) HS-WSBK **$55.95 F**

Lowrance/Eagle Pod Type Transducers

LOWRANCE

EAGLE



142209

Lowrance/Eagle Pod Type Transducers

Trolling motor mount. 20 degree pod style (200 kHz) with built-in temperature sensor. Includes: 11' power cable. For use with: X51, X58, X71, X87, X88, X91, X97, X98, X125, X135, X100C, LMS-240, LMS-320, LMS-480, LMS-330C, LCX-15, LCX-16, LCX-18, LCX-19, LCX-104, FishEasy2 (gray connector units only), FishMark (gray connector units only) and SeaCharter.

142209 (106-26) PD-WDXT **$83.95 F**

Trolling motor mount. 20 degree pod type (200 kHz) with built-in temperature sensor. Includes: 10' power cable. For use with: X47, X67, X56, X68, Cuda, FishEasy2 (black connector units only) and FishMark (black connector units only).

142213 (106-50) PDT-WSU **$70.95 F**

Trolling motor mount, pod type with built-in temperature sensor. Includes: 12' power cable. For use with: LCX-110C, LCX-111C HD, LCX-112C, LCX-113C HD, LCX-17M, LCX-20C, LCX-25C, LCX-26C HD, LCX-27C, LCX-28C HD, LCX-37C, LCX-38C HD, LMS-330C, LMS-332C, LMS-334C iGPS, LMS-480, LMS-520C, LMS-522C iGPS, X100C, X102C, X125, X135, X510C, X-510C and X52.

140215 (106-74) PDT-WBL **$83.95 F**

LOWRANCE

EAGLE

Lowrance/Eagle Pod Type Transducers

Trolling motor mount or shoot-thru-hull. 20 degree pod type (200 kHz). Includes: 20' power cable. For use with: X47, Cuda, FishEasy2 (black connector units only) and FishMark (black connectyor units only).

142210 (106-52) PD-WSU **$56.95 F**

Pod-style transducer designed for trolling motor or shoot-thru-hull mounting. Includes: 20' power cable. Gray connector. For use with: LMS-350A and 3500.

140804 (90-41) PD-W **$55.95 F**

Pod-style transducer designed for trolling motor or shoot-thru-hull mounting. Includes: 20' power cable. Black connector. For use with: X49, X65 X85, LMS-160, FishEasy, UltraClassic and Accura 240.

140981 (90-76) PD-WBK **$55.95 F**

Shoot-thru-hull mount. 8 degree pod type (192 kHz). For use with: LMS-350A and 3500.

140042 (90-42) PD-N **$77.95 F**

Lowrance/Eagle Transducer Cables

Lowrance/Eagle Transducer Adapter Cable
Adapts BK-series black connector to unit with older gray connector.

141072 (8-97) TA-401BK **$13.95 F**



Lowrance/Eagle Transducer Extension Cable - Length 15'
50/200 kHz or 200 kHz. Includes: Power lead. For use with: X47, X47EX, X67C, M56, M68, Cuda 128, Cuda 168, Cuda 168EX and Cuda 240.

140918 (99-91) XT-15U **$23.96 F**

Lowrance/Eagle Temperature Sensors

Lowrance/Eagle Temperature Sensors
Includes MY-4X adapter. For use with: X51, X58, X71, X87, X88, X91, X97, X98, X125, X135, X100C, LMS-240, LMS-320, LMS-480, LMS-330C, LCX-15, LCX-16, LCX-18, LCX-19, LCX-104, FishEasy2 (gray connector units only), FishMark (gray connector units only) and SeaCharter.

140450 (99-50) TS-1X Probe For Temp 1 **$55.95 F**

Includes MY-4X adapter. For use with: X51, X58, X71, X87, X88, X91, X97, X98, X125, X135, X100C, LMS-240, LMS-320, LMS-480, LMS-330C, LCX-15, LCX-16, LCX-18, LCX-19, LCX-104, FishEasy2 (gray connector units only), FishMark (gray connector units only) and SeaCharter.

140341 (99-52) TS-3X Probe For Temp 3 **$55.95 F**

Lowrance/Eagle Speed Only Sensor
For use with: LCX-110C, LCX-111C HD, LCX-112C, LCX-113C HD, LCX-17M, LCX-20C, LCX-25C, LCX-26C HD, LCX-27C, LCX-28C HD, LCX-37C, LCX-38C HD, LMS-332C, LMS-334C iGPS, LMS-337C DF, LMS-339C DF iGPS, LMS-480, LMS-520C, LMS-522C iGPS, LMS-525C DF, LMS-527C DF iGPS, X102C, X107C DF, X125, X126DF, X135, X136DF, X-510C, X-515C DF, X52 and X59DF.

140922 (99-96) SP-BL **$00.00**

Lowrance/Eagle Power Cable

Lowrance/Eagle Power Cable
Power cable. For use with: X51, X58, X71, X87, X88, X91, X97, X98, X125, X135, X100C, FishEasy2 (gray connector units only) and FishMark (gray connector units only).

140789 (8-36) PC-4 **$20.95 F**

Lowrance/Eagle GPS Modules

Lowrance/Eagle GPS Modules
12 parallel channel GPS module. WAAS capable. Blue connector

140516 (112-232) LGC-2000 **$200.00 B**

12 parallel channel GPS module. WAAS capable. Red connector

140517 (125-09) LGC-3000 **$219.00 B**

Lowrance/Eagle Accessories



Lowrance/Eagle Mounting Brackets
R-A-M 1" ball-mounting bracket with arm and mounting plate. For use with: X49, X65, X85, LMS-160, LMS-240, FishEasy, TriFinder, UltraClassic, Accura 240, Status and Journey.

140203 (101-62) MB-7 1" Bracket **$63.95 F**

R-A-M 1-1/2" ball-mounting bracket with long arm and mounting plate. For use with: LMS-350A, LCX15, LCX16, LCX18, LCX19, GlobalMap 2000, GlobalMap 3000, GlobalMap 4000, GlobalMap 5000 and GlobalMap 6000.

140204 (101-63) MB-8 1-1/2" Bracket **$70.95 F**

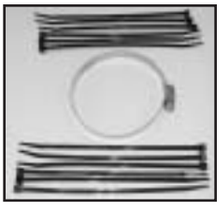
Lowrance/Eagle Flushmount Kits
Flushmount kit. For use with: X51 and X58.

141308 (113-03) FM-4 **$10.95 F**

Flushmount kit. For use with: X71, X87, X88, X91, X97, X98, LMS-240, LMS-320, LMS-480, GlobalMap 2400, GlobalMap 4800, FishMark and FishElite.

141306 (113-04) FM-5 **$38.95 F**

Transducer Mounting Kits



T-H Marine Transducer Mounting Kit
This universal kit allows for easy mounting of transducer to the base of a trolling motor. The 4" stainless steel hose clamp secures virtually any transducer to any trolling motor gear case. Twelve (12) radiused cable ties neatly fasten the cable along the shaft. Sold each per skin packed card. Standard pack 12.

641111 (TMK-1) **$10.95 H**

Minn Kota Transducer Mounting Kit
Allows transducer to be mounted on the lower unit of bow-mount trolling motors. Rugged construction for long-lasting durability and use. Fits transom transducers from all major manufacturers.

477035 (MKR-15) **$24.95 E**

Lowrance/Eagle SPAT Pole Mount Base
With 1" - 14 thread size.

141310 (113-88) **$18.95 F**

Lowrance/Eagle Gimbal Knobs
Gimbal knobs. For use with: X51, X58, FishEasy2 and TriFinder2.

141307 (113-02) GK-10 **$5.95 F**

Gimbal knobs with washers. Set of 2. For use with: X49, X65, X85, LMS-160, FishEasy, UltraClassic and Accura 240.

141263 (51-81) GK-8 **$5.95 F**

Gimbal knobs. For use with: X71, X87, X91, X97, X98, X100C, X125, X135, LMS-240, LMS-320, LMS-480, LMS-330C, LCX-15, LCX-16, LCX-18, LCX-19, GlobalMap 2400, GlobalMap 3000, GlobalMap 3200, GlobalMap 4800, GlobalMap 3300C, GlobalMap 4000, GlobalMap 5000, GlobalMap 6000, GlobalMap 7000, FishMark and FishElite.

140916 (101-80) GK-9 **$10.95 F**

Lowrance/Eagle Transducer Mounting Bracket
Plastic bracket adapts HS-WS transducer to trolling motor. For use with: Fish I.D. II Plus, LMS-480, Magna II, Magna II Plus, SeaView 2000, Ultra, Ultra II, Ultra II Plus, Ultra Plus, UltraNav, UltraNav II, X125, X135, X-510C, X-55, X-70 and X-70A.

141262 (51-45) **$00.00**



Lowrance/Eagle Gimbal Bracket
Gimbal bracket. For use with: X49, X51, X58, X65, X71, X85, X87, X88, X97, X98, X125, X135, LMS-160, LMS-240, LMS-320, LMS-480, GlobalMap 2400, GlobalMap 3200, GlobalMap 4800, GlobalMap 3300C, FishEasy, FishEasy2, TriFinder, TriFinder2, UltraClassic, FishMark, Accura 240, Status and Journey.

141248 (51-38) GB-1 **$10.95 F**

Marpac Elite Domed Gauges with Stainless Bezels

The black graphics are easy to read against the white dial background. Red pointer. Perimeter lighting is provided for nighttime operation. Convex scratch resistant domed glass lens with stainless bezels.



Marpac Tachometer

7-1980 0 - 7,000 RPM **$62.95 F**



Marpac Speedometer

7-1982 15 - 65 MPH **$45.95 F**



Marpac O/B Water Pressure Gauge Kit

7-1994 30 PSI **$61.95 F**



Marpac Trim Gauges

7-1996 Mercury **$23.95 F**
7-1998 J/E **$23.95 F**



Marpac Oil Pressure

7-1990 0 - 80 PSI **$23.95 F**



Marpac Water Temperature

7-1992 I/O **$23.95 F**



Marpac Voltmeter

7-1984 8 - 18 Volts **$23.95 F**



Marpac Fuel Gauge

7-1986 E - 1/2 - F **$23.95 F**



Marpac Hourmeter

7-1988 **$51.95 F**

Marpac Performance Domed Gauges

The white graphics are easy to read against the black dial background. Red pointer. Perimeter lighting is provided for nighttime operation. Convex scratch resistant domed glass lens with very low profile bezels.



Marpac Tachometer

7-2050 0 - 8,000 RPM **$56.95 F 3Q**



Marpac Speedometer

7-2055 15 - 65 MPH **$39.95 F 3Q**



Marpac O/B Water Pressure Gauge Kit

7-2080 30 PSI **$57.95 F 3Q**



Marpac Trim Gauges

7-2082 Mercury **$19.95 F 3Q**
7-2084 J/E **$19.95 F 3Q**



Marpac Oil Pressure

7-2036 0 - 80 PSI **$19.95 F 3Q**



Marpac Water Temperature

7-2037 I/O **$19.95 F 3Q**



Marpac Voltmeter

7-2060 8 - 18 Volts **$19.95 F 3Q**



Marpac Fuel Gauge

7-2065 E - 1/2 - F **$19.95 F 3Q**



Marpac Hourmeter

7-2075 **$47.95 F 3Q**

Marpac Elite Domed Gauges

The black graphics are easy to read against the white dial background. Red pointer. Perimeter lighting is provided for nighttime operation. Convex scratch resistant domed glass lens with very low profile bezels.



Marpac Tachometer
7-2010 0 - 7,000 RPM **$56.95 F 3Q**



Marpac Speedometer
7-2015 15 - 65 MPH **$39.95 F 3Q**



Marpac O/B Water Pressure Gauge Kit
7-2040 30 PSI **$57.95 F 3Q**



Marpac Trim Gauges
7-2042 Mercury **$19.95 F 3Q**
7-2044 J/E **$19.95 F 3Q**



Marpac Oil Pressure
7-2066 0 - 80 PSI **$19.95 F 3Q**



Marpac Water Temperature
7-2067 I/O **$19.95 F 3Q**



Marpac Voltmeter
7-2020 8 - 18 Volts **$19.95 F 3Q**



Marpac Fuel Gauge
7-2025 E - 1/2 - F **$19.95 F 3Q**



Marpac Hourmeter
7-2035 **$47.95 F 3Q**

Teleflex Sterling Gauges

Ideal for outboards and stern drives! With stainless steel bezels, brushed aluminum dials and black pointer tips. Sterling instruments add a unique, polished look to any dash. Perimeter lighting provided for night operation.



Teleflex 3" Speedometer

818914 (63475P) 15 - 65 MPH (Pitot Type) **$43.95 E**



Teleflex 2" Trim Indicators

818952 (63482P) Mercury, Yamaha **$22.95 E**
818964 (63483P) Johnson/Evinrude, Suzuki **$22.95 E**
818976 (64475P) Honda **$57.95 E**



Teleflex 2" Voltmeter

818938 (63478P) 8 - 18 Volts **$22.95 E**





818902



818903

Teleflex 3" Tachometer

818902 (63473P) 0 - 7,000 RPM **$64.95 E**

Teleflex 3" Tachometer/Hourmeter

818903 (63474P) 0 - 7,000 RPM **$105.95 E**



Teleflex 2" Fuel Gauge

818926 (63477P) E - 1/2 - F **$22.95 E**

Teleflex 2" O/B Water Pressure Gauge Kit

Kit includes: Fittings and 20' of tubing.

818940 (63481P) 30 PSI **$46.95 E**

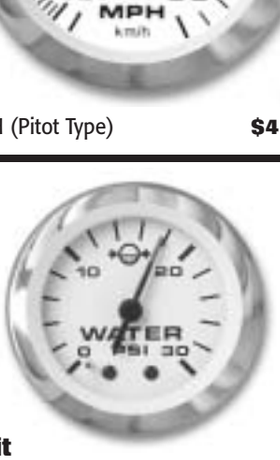
Teleflex Lido Gauges

Lido instruments feature crisp white dials and fire-orange pointer tips. Red through-dial and white perimeter lighting is provided for great night readability.



Teleflex 3" Speedometer

818801 (61752P) 10 - 50 MPH (Pitot Type) **$43.95 E**



Teleflex 2" O/B Water Pressure Gauge Kit

Kit includes: Fittings and 20' of tubing.

818851 (65507P) 30 PSI **$46.95 E**



818813



818814

Teleflex 3" Tachometer

818813 (65693P) 0 - 7,000 RPM **$64.95 E**

Teleflex 3" Tachometer/Hourmeter

818814 (65129P) 0 - 7,000 RPM **$105.95 E**



Teleflex 2" Fuel Gauge

818825 (65496P) E - 1/2 - F **$22.95 E**



Teleflex 2" Voltmeter

818849 (65506P) 8 - 18 Volts **$22.95 E**



Teleflex 2" Hourmeter

818837 (65497P) 10,000 Hours **$41.95 E**



Teleflex Lido Gauge Kit

Lido gauge kit includes:

Instrument display box

818813 (65693P) Tachometer

818801 (61752P) Speedometer

818849 (65506P) Voltmeter

818825 (65496P) Fuel Gauge.

818768 **$141.95 E**



Teleflex 2" Trim Indicators

818887 (65504P) Mercury, Yamaha **$22.95 E**

818863 (65502P) Johnson/Evinrude, Suzuki **$22.95 E**

818875 (65503P) Honda **$61.95 E**

Teleflex Premier PRO Fog-Free Gauges

Domed glass sheds water and resists scratching. Shielded to prevent magnetic interference. Silicone dampening eliminates pointer bounce. Premier PRO is Fog-Free with a crisp, modern look: Black dial with white and blue graphics that back-light red at night. When illuminated, advanced light piping distributes light evenly across dial and into the staff of the pointer for excellent night readability, with no "halo" around dial.



Teleflex 3" Tachometer

Mariner 30 - 40 HP (2 cylinder) engines require a module (Mercury P/N 17461A2) when using this tachometer.

817431 (62725P) 0 - 8,000 RPM **$106.95 H**



Teleflex 3" Speedometer

817442 (62722P) 10 - 65 MPH **$76.95 H**



Teleflex 2" O/B Water Pressure Gauge Kit

Includes: Fittings and 20' of tubing. Adapter (P/N 61886P) is required for Yamaha.

817467 (62721P) 30 PSI **$72.95 H**



Teleflex 2" Hourmeter

817482 (62719P) 10,000 Hours **$75.95 H**



Teleflex 2" Fuel Gauge

817472 (62718P) E - 1/2 - F **$46.95 H**



Teleflex 2" Dual Engine Hourmeter

This hourmeter monitors the hours on two engines with a single gauge. The hourmeter is splash-proof and will withstand the normal panel wash. Features an LCD display which displays 99999.9 hours of engine time. Designed to operate 8-32 volts DC. It cannot be reset to zero hours.

815778 (67281P) **$162.95 F**



Teleflex 2" Voltmeter

817455 (62730P) 10 - 16 Volts **$46.95 H**

Teleflex Blue Vector Gauges

White and blue graphics on a black dial background. Pointers are white with a black hub. Perimeter lighting is provided for nighttime operation. Black bezels are high profile, with flat glass scratch resistant lens. **Note:** For a list of temperature senders see page 66.



Teleflex 3" Tachometer

816555 (61278P) 0 - 7,000 RPM **$84.95 H**



Teleflex 3" Tachometer/Hourmeter

816908 (57649P) 0 - 6,000 RPM **$134.95 H**



Teleflex 2" Oil Pressure

816756 (56932P) 0 - 80 PSI **$30.95 H**



Teleflex 2" O/B Water Pressure Guage Kit

816857 (56934P) 30 PSI **$63.95 H**



Teleflex 2" Fuel Gauge

816681 (56930P) E - 1/2 - F **$30.95 H**



Teleflex 3" Speedometers

816631 (56964P) 5 - 35 MPH **$59.95 H**
816643 (56929P) 10 - 60 MPH **$59.95 H**
816655 (56928P) 20 - 80 MPH **$59.95 H**



815766



815754

Teleflex Hourmeters - Universal

815754 (56966P) Round Diameter 2" **$51.95 H**
815766 (56967P) Rectangular **$51.95 H**



Teleflex 2" Water Temperature

816807 (56933P) 120 - 240° F **$30.95 H**



Teleflex 2" Trim Gauges

816883 (56935P) All Mercury and Cobra **$30.95 H**
816895 (56936P) Johnson/Evinrude O/B **$30.95 H**



Teleflex 2" Voltmeter

816718 (56931P) 8 - 18 Volts **$30.95 H**

Teleflex Amega Gauges

Smart white and red graphics on a black dial background, these very low profile bezels follow the curve of the lense to eliminate water trapping. Design with domed glass sheds water and resists scratching.

NEW ITEM



Teleflex 3" Tachometer

819025 (58255P) 0 - 7,000 RPM **$91.95 H**

NEW ITEM



Teleflex 3" Speedometers

819015 (57900P) 10 - 65 MPH **$59.95 H**
819020 (57899P) 20 - 80 MPH **$59.95 H**



Teleflex 2" Oil Pressure

819010 (57903P) 0 - 80 PSI **$30.95 H**



Teleflex 2" Hourmeter

819040 (84760P) 10,000 Hours **$59.95 H**



Teleflex 2" Water Temperature

819030 (57904P) 120 - 240° F **$30.95 H**



Teleflex 2" Outboard Water Temperature Kit

819060 (58862P) 100 - 220° F **$30.95 H**

Teleflex MARINE

Teleflex 2" Ammeter

819000 (68356P) 60 - 0 - 60 **$30.95 H**



Teleflex 2" Trim Gauges

819050 (58431P) Johnson/Evinrude O/B **$30.95 H**
819055 (57905P) Mariner/Merc, Yamaha 2001 **$30.95 H**



Teleflex 2" Fuel Gauge

819005 (57902P) E - 1/2 - F **$30.95 H**



Teleflex 2" Voltmeter

819045 (57901P) 8 - 18 Volts **$30.95 H**

Teleflex Red International Gauges – High Profile

The red and white graphics are easy to read against the black dial background. White pointer. Perimeter lighting is provided for nighttime operation. Flat scratch resistant glass lens with high profile bezels.



Teleflex 3" Tachometers

815867 (13291P) 0 - 7,000 RPM **$84.95 H**
815879 (53743P) 0 - 8,000 RPM Force **$98.95 H**



Teleflex 3" Speedometers

815932 (53210P) 10 - 60 MPH **$59.95 H**
815944 (53211P) 20 - 80 MPH **$59.95 H**



Teleflex 2" Water Temperature

816108 (53215P) I/O 120 - 240° F **$30.95 H**
816134 (13625P) Kit - For All Electric Start Outboards **$49.95 H**

Teleflex MARINE

Teleflex 2" Hourmeter

816451 (52435P) 10,000 Hours **$59.95 H**



Teleflex 2" Ammeter - Direct Reading

816045 (53930P) 60 - 0 - 60 **$31.95 H**



Teleflex 2" O/B Water Pressure Gauge Kit

816196 (53510P) 30 PSI **$63.95 H**



Teleflex 2" Trim Gauges

816324 (53216P) All Mer & Cobra **$30.95 H**
816350 (53721P) J/E - O/B **$30.95 H**



Teleflex 2" Fuel Gauge

816401 (53213P) E - 1/2 - F **$30.95 H**



Teleflex 2" Voltmeter

816007 (53212P) 8 - 18 Volts **$30.95 H**



Teleflex 2" Oil Pressure Gauge

816247 (53214P) 0 - 80 PSI **$30.95 H**

Teleflex Red International Gauge Kit

Red International gauge kit includes:
Instrument display box
815867 (13291P) Tachometer
815932 (53210P) Speedometer
816007 (53212P) Voltmeter
816401 (53213P) Fuel Gauge.

818774 **$134.95 E**

Teleflex MARINE



Teleflex Heavy Duty Gauges - Replaces Stewart Warner

Bold, simple white graphics on a deep black background for maximum readability. White pointer. Wedge base perimeter lighting is furnished on electrical tachometers and speedometers. Polished stainless steel low profile bezels.



Teleflex 3" Tachometer

817506 (82288P) 0 - 6,000 RPM **$101.95 H**



Teleflex 2" Voltmeter

817708 (80134P) 10 - 16 Volts **$33.95 H**



Teleflex 2" Ammeters

817758 (80710P) 60 - 0 - 60 **$35.95 H**

817760 (80712P) 40 - 0 - 40 **$35.95 H**



Teleflex 2" Water Temperature Gauge - Mechanical

817657 (82408P) 100 - 265° F, 144" **$119.95 H**



Teleflex 2" Oil Pressure Gauge - Electric

817556 (80180P) 0 - 80 PSI **$33.95 H**



Teleflex 2" Water Temperature Gauge - Electric

817621 (80590P) 120 - 240° F **$33.95 H**



Teleflex 2" Oil Pressure Gauge - Mechanical

0 - 100 PSI, 1/8" NPT.

817582 (82380P) **$66.95 H**



Teleflex 2" Fuel Gauge

817734 (80150P) E - 1/2 - F **$33.95 H**

Moeller Electric Fuel Gauge



Moeller Electric Fuel Gauge
Dash mounted electric fuel gauge 33 to 240 Ohm's.

808482 (035727-10) **$25.95 E**

Fuel Gauge Senders

Marpac Universal Electric Fuel Senders
Calibrated for 33 to 240 ohms - an industry standard. 100% pre-inspected to ensure full range of calibrated reading from empty to full. Complete kit includes: Gasket and screws. For use with gasoline or diesel (with separate return line) applications. Not for use in water. Made in USA.

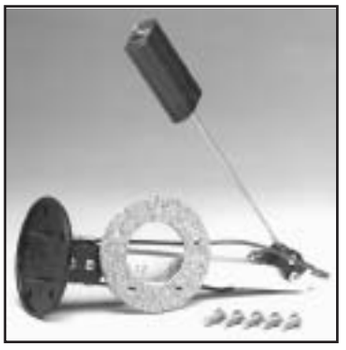
7-6960 Fits Tank Depth: 6" to 12" **$22.95 F**
7-6961 Fits Tank Depth: 6" to 24" **$23.95 F**





Marpac Fuel Gauge Sender
Stainless steel, aluminum and brass construction. Stainless steel float arm. Injection molded blade terminals stop leaks. Closed-cell fuel resistant float. 240-33 ohm. Adjustable for 4" to 24" tank depth. Sold each.

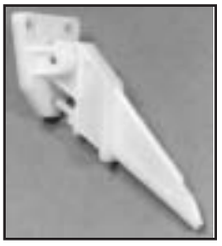
7-2030 **$29.95 F 3Q**



Teleflex Fuel Gauge Sender
Stainless steel, aluminum and brass construction. Stainless steel float arm. Injection molded blade terminals stop leaks. Closed-cell fuel resistant float. 240-33 ohm. Adjustable for 4" to 24" tank depth. Sold each.

815297 (90424P) **$33.95 H**

Pitot Tubes



Marpac Pitot Tube
Patented design works on all marine speedometers. Steady pressure gives accurate readings. Kick-up feature prevents breakage. Weed resistant. 5-80 mph. Sold each.

7-0893 **$5.95 F 3Q**



Teleflex Universal Pitot Tube
Patented design works on all marine speedometers. Steady pressure gives accurate readings. Kick-up feature prevents breakage. Weed resistant. 5-80 mph. Sold each.

815362 (56973P) **$6.95 H**

Gauge Accessories and Senders



Teleflex Outboard Tachometer Harnesses
Permits fast installation of tachometers. Eliminates field wiring problems. BIA color-coded harness. Sold each.

815487 (IH14767) Pre-1996 OMC and J/E 3-Wire Plug **$50.95 H**
815499 (IH15105) Mercury/Mariner 5-Wire Plug **$29.95 H**



Teleflex Gauge Light Kit
Fits all Teleflex gauges except Heavy Duty and 2" Mechanical Units. Includes: 12 volt clear 2-CP bulb with wedge base socket. OEM #6299573.

815209 (IA62995) Gauge Light Kit **$3.95 H**
219483 (194) Spare Wedge Base Bulb - Std. pack 10 **$0.95 H**



Cole Hersee Temperature Switch
Heavy duty, corrosion resistant construction. For operation of one (hot) indicator light, self-grounding. Red light - Hot - On at 194° F to 206° F. Mounting stem 1/2" - 14. Length 9/16".

300828 (84218) **$21.95 H**



Cole Hersee Oil Pressure Switch
Heavy duty construction. Weather resistant, plated steel case. Molded, moisture repellent insulators. Self-grounding, S.P.S.T. Normally ON (contacts closed). Contacts open at rising pressure, contacts close at lowering pressure. Operates at 4.5 to 7.5 PSI. Combination blade and stud terminals. Mounting stem 1/8" - 27. Length 3/8".

300830 (8610) **$7.95 H**

Teleflex Water Pressure/Temperature Kit
815108 (61886P) Yamaha **$10.95 H**



MPI Products Speedometer Pitot Tubing
Non-reinforced vinyl tubing for connection between speedometer pick up (pitot) and speedometer. Size ID: 4 mm. Size OD: 6.2 mm.

772207 (151-0407) Length 100' **$42.95 L**



Teleflex Temperature Senders - Single Station
815095 (IA96035) J/E - For pre-1995 50-250° F **$10.95 H**
815122 (52320S010) 1/8" NPT Thread 120-240° F **$16.95 H**



Sierra Temperature Senders
Single Station. 10-32 stud.
367525 (TS26611) 1/4" - 18 NPT **$13.40 H**
367549 (TS26621) 3/8" - 18 NPT **$13.98 H**
367587 (TS26631) 1/2" - 14 NPT **$14.69 H**

Dual Station. 10-32 stud.
367626 (TS26651) 1/4" - 18 NPT **$16.33 H**

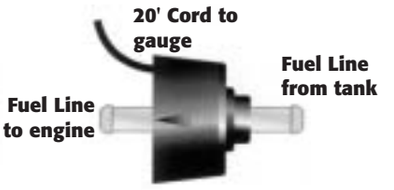


Teleflex Oil Pressure Senders
For 80 PSI gauge. 1/8" NPT thread.

815158 (IA15001) Single Station **$37.95 H**
815160 (IA15003) Dual Station **$50.95 H**

Faria Digital Fuel Management System





Fuel Flow Sender
- Easily installs in fuel line
- Includes mounting hardware

Faria Digital Fuel Management System - White Face

For use with gas engines only. Monitors fuel flow from 1/2 gallon to 34 gallons per hour. Trip fuel log displayed in gallons or litres. Includes: Selectable low fuel audible alarm. Red backlight, 12 volt, 2-1/16" hole. 3" deep. 20' cord.

351697 (FFM009) **$249.00 E**

FloScan Diesel Fuel Computers - Series 76TX and 75TX Multifunction

FloScan Diesel Fuel Computers - Series 76TX and 75TX Multifunction

Temperature compensated models. FloScan diesel fuel computers will help you to monitor engine performance, determine the most efficient speed to reduce fuel consumption and extend you cruising range. Series 76TX and 75TX systems are designed specifically for use on Detroit Diesel Series 53, 71, 92, 149, Caterpillar Series 31/3500 and EMD 12-16 series engines with their very high return flows of hot fuel. Temperature compensated, individually calibrated flow sensors and custom programmed microprocessors ensure accurate flow measurement. The systems also includes a digital tachometer and an electronic engine hour meter.

Features: Simultaneous display of GPH, total gallons used, engine RPM accurate to 1 RPM, and engine hours. Dual color backlighting provides for easy night vision with green middle window and amber top and bottom windows. Diagnostic mode enables you to monitor both the forward and return flow rates as well as fuel temperatures – a new method to spot engine problems before serious damage occurs. Resettable totalizer with non-volatile memory immune to power interruptions. Reads in 0.1 gallon increments to 9999.9, then in 1 gallon steps to 99999 gallons.

FloScan



Prices on Request

Model Number

75TX-235-22	Caterpillar 3116, 3126	**Special Order**
76TX-6BB-28	Detroit 4-53	**Special Order**
76TX-6CC-28	Detroit 6V53, 4-71, 8V71, 6V92, 8V92	**Special Order**
76TX-6DD-28	Detroit 16V71, 6-71TA, 6-71TI, 12V71	**Special Order**
76TX-6DB-28	EMD 12-645E6	**Special Order**
76TX-6ED-28	EMD 12-567C, 16-567C, Detroit 12V92	**Special Order**
76TX-6FC-28	EMD 16-710G7, 20-645E7B, 20-710G7	**Special Order**
76TX-6FD-28	EMD 12-645E7B, 16-645E7B, 16-645E6	**Special Order**
76TX-6FE-28	Detroit 16V92, 16V149 Caterpillar 3508, 3512, 3516	**Special Order**

FloScan TwinScan® Engine Instruments

FloScan TwinScan® Engine Instruments

TwinScan instruments embody a new concept in twin engine instrumentation which sets the ultimate standard for easy readability in the least possible space. Each individual instrument contains port and starboard meters which reference to each other. In a single, quick glance the eye can scan the entire instrument panel for non-matching pointers that signal possible trouble. Potentially dangerous and costly engine problems that might go unnoticed on conventional instrument panels are highlighted on a TwinScan panel.

TwinScan instruments reduce the panel space required by 50% leaving more room for other electronics. A patented miniature design is the first to allow two meters to fit in the industry standard 2" diameter case which significantly reduces overall installation time.

Deluxe Features: Tachometer/Speedometer/MPG/Synch Indicator takes NMEA 0183 speed signal from GPS/Loran, and fuel flow from TwinScan GPH instrument to digitally display Speed (NM/Hr) over the ground, or fuel efficiency (NM/Gal), or RPM difference between port and starboard engines. High-Low level electronic control for separate external alarm lights/horns for water temperature and oil pressure. User resettable alarm levels. Internally illuminated pointers provide exceptionally effective nigh readability. Corrosion free stainless steel bezel. Reverse polarity and load dump protection exceeding SAE J1810 standards.

Required information for ordering: Need to know make of engine, size, if fuel injected and if it has fuel return line.

FloScan



Prices on Request

World-Class Instrumentation for Modern Electronic Engines

POWERVIEW by FWMurphy

Enhanced Gauge Readout
A quick glance and you have all the details.



High-Resolution Display
A large display provides immediate viewing of critical engine data.

World-Class Instrumentation for Modern Electronic Engines

The PowerView:

For modern electronic engines and equipment applications using the SAW J1939 Controller Area Network.

Displays over 30 standard SAW J1939 paraments broadcast by engine and transmission Electronic Control Units (ECU's).

Graphical display features wide operating temperature range for viewing (-40 to 167° F/75° C).

Displays active and ECU-Stored faults with text description for diagnosing equipment malfunctions.

Simple connection to optional components.

The PowerView Gauges:

Display SAE J1939 parameters broadcast by the PowerView System.

Feature cutting-edge, stepper motor technology and robust functionality.

Microprocessor-driven for high accuracy.

Simple installation and wiring design.

Call for Prices and Availability

Frank W. Murphy EG21 Series Electric Gauges

Frank W. Murphy EG21 Series Electric Gauges

Designed for marine applications. Air core movement: Silicon dampened pointer. Case: Polycarbonate/polyester, impact and weather resistant with convenient screw-on mounting clamp. Lens: Clear polycarbonate and UV stabilized. Bezel: Polished 316 stainless steel. Dial: Black background and white markings; behind dial lighting; dual scale with mirror band to reduce parallax reading errors. Fits standard 2-1/16" opening. Sold each.



772330	(EG21P-80-12)	Oil Pressure	0-80 psi	12 volt	**$31.00 G**
772332	(EG21P-100-12)	Oil Pressure	0-100 psi	12 volt	**$31.00 G**
772334	(EG21P-300-12)	Oil Pressure	0-300 psi	12 volt	**$31.00 G**
772336	(EG21P-400-12)	Oil Pressure	0-400 psi	12 volt	**$31.00 G**
772338	(EG21T-250-12)	Temperature	100-250° F	12 volt	**$31.00 G**
772344	(EG21AM-60-12)	Ammeter	0-60	12 volt	**$31.00 G**
772346	(EG21AM-100-12)	Ammeter	0-100	12 volt	**$34.25 G**
777415		Ammeter	0-60	12 volt	**$12.50 D**
772348	(EG21VM-12)	Voltmeter		12 volt	**$31.00 G**
772350	(EG21VM-24)	Voltmeter		24 volt	**$31.00 G**
772351	(EG21-24)	Wire/Connector Assembly		24 volt	**$35.00 F**

Frank W. Murphy EGS21 Series Electric Swichgages

Frank W. Murphy EGS21 Series Electric Swichgages

The EGS21 Series Swichgage has all of the features of the EG21 Series Electric Gauge plus an adjustable set point PowerHall Effect switch output for operating alarms or equipment shutdown. The trip point is adjustable over 90% of the scale and has a set point indicator visible from the gauge face. Pressure, fuel, volts set on decreasing scale. Temperature and amps set on increasing scale. Fits standard 2-1/16" opening. Sold each.



772352	(EGS21P-80-12)	Oil Pressure	0-80 psi	12 volt	**$67.00 G**
772354	(EGS21P-100-12)	Oil Pressure	0-100 psi	12 volt	**$63.00 G**
772356	(EGS21P-300-12)	Oil Pressure	0-300 psi	12 volt	**$69.00 G**
772358	(EGS21P-400-12)	Oil Pressure	0-400 psi	12 volt	**$63.00 G**
772360	(EGS21T-250-12)	Temperature	100-250° F	12 volt	**$63.00 G**
772362	(EGS21T-300-12)	Temperature	140-300° F	12 volt	**$63.00 G**
772364	(EGS21F-12)	Fuel Level		12 volt	**$63.00 G**
772366	(EGS21AM-60-12)	Ammeter	0-60	12 volt	**$69.00 G**
772370	(EGS21VM-12)	Voltmeter		12 volt	**$63.00 G**
772372	(EGS21VM-24)	Voltmeter		24 volt	**$63.00 G**
772371	(EGS21-24)	Wire/Connector Assembly		24 volt	**$32.25 F**

Frank W. Murphy EG Series Senders



Frank W. Murphy EG Series Temperature Senders

1 wire to ground sender.

772497	(EST-250-1/2)	250°/300° F	1/2 - 14 NPT	**$18.50 G**
772500	(EST-250-1/8)	250° F	1/8 - 27 NPT	**$18.50 G**

2 wire ungrounded sender.

772512	(ES2T-250-1/2)	250°/300° F	1/2 - 14 NPT	**$24.50 G**

Frank W. Murphy EG Series Pressure Senders

The ESPM Series recommends mounting off-equipment.

772396	(ESP-80)	1 Wire to Ground	80 psi	**$27.75 G**
772409	(ES2P-80)	2 Wire Ungrounded	80 psi	**$30.00 G**
772411	(ESP-100)	1 Wire to Ground	100 psi	**$27.75 G**
772423	(ES2P-100)	2 Wire Ungrounded	100 psi	**$30.00 G**
772428	(ESPM-300)	1 Wire to Ground	300 psi	**$93.75 G**
772435	(ESPMK-400)	1 Wire to Ground	400 psi	**$178.00 G**
772447	(ES2PMK-400)	2 Wire Ungrounded	400 psi	**$195.75 G**
772430	(ES2PM-200)	2 Wire Ungrounded	200 psi	**$111.00 G**
772432	(ES2PM-300)	2 Wire Ungrounded	300 psi	**$111.00 G**

Frank W. Murphy Temperature Swichgages



Frank W. Murphy Temperature Swichgages

Temperature instruments for: Water, oil and cylinder head. These direct action, mechanical gauges accurately sense and indicate temperatures by means of a sealed capillary tube. White lettering on a black background makes our 2" diameter dial easy to read at a distance. Adjustable switch contacts let you dial the point of alarm and/or shutdown. 1/2" N.P.T.

772302	(20BTG-250-6)	Indicating Only	6'	**$42.00 D**
772303	(20BTG-250-8)	Indicating Only	8'	**$40.00 D**
772304	(20BTG-250-12)	Indicating Only	12'	**$45.50 D**
772306	(20BTG-250-20)	Indicating Only	20'	**$50.50 D**
772308	(20BTG-250-30)	Indicating Only	30'	**$56.25 D**
772309	(20BTG-250-35)	Indicating Only	35'	**$56.00 D**
772310	(20BTG-250-50)	Indicating Only	50'	**$73.00 D**
772316	(20T-250-6)	Swichgage	6'	**$45.75 D**
772318	(20T-250-12)	Swichgage	12'	**$49.50 D**
772320	(20T-250-20)	Swichgage	20'	**$54.00 D**
772322	(20T-250-30)	Swichgage	30'	**$60.50 D**
772323	(20T-250-35)	Swichgage	35'	**$65.00 D**
772324	(20T-250-50)	Swichgage	50'	**$77.00 D**

Temperature Swichgages



Frank W. Murphy Polycarbonate Temperature Swichgages

Corrosion resistant polycarbonate case. Polished stainless steel bezel. Comes with built-in electrical switches for tripping alarms and/or shutdown devices. The gauge pointer makes with an adjustable contact to complete a pilot-duty circuit.

2" Temperature Swichgages

772313	(A20T-250-6)	130° - 250° F	6' Capillary	**$82.00 D**
772314	(A20T-250-12)	130° - 250° F	12' Capillary	**$85.75 D**
772315	(A20T-250-20)	130° - 250° F	20' Capillary	**$91.25 D**

2" Oil Sealed Temperature Swichgage

772321	(A20T-OS-250-25)	130° - 250° F	25' Capillary	**$123.00 D**

2-1/2" Temperature Swichgage

772347	(A25T-25-30)	130° - 250° F	30' Capillary	**$95.50 D**

Pressure Swichgages



Frank W. Murphy Pressure Swichgages

The 20 series (2") pressure swichgage are diaphragm - actuated pressure indicating gauges with built in electrical switches. These switches are used for tripping alarms or shutdown devices. The 20 series is enclosed in a steel case coated for corrosion resistance. The A20 series is enclosed in a polycarbonate case. All have a polycarbonate, break resistant lens and a stainless steel bezel. Pressure Gauges are available in 2" and 2-1/2" pressures from 0 to 15 psi thru 0 to 400 psi.

772651	(20P-100)	0-100 psi	Steel Pressure Swichgage	**$31.75 D**
772663	(20P-200)	0-200 psi	Steel Pressure Swichgage	**$36.25 D**
772675	(20P-300)	0-300 psi	Steel Pressure Swichgage	**$36.25 D**
772337	(A20P-75)	0-75 psi	Polycarbonate Swichgage	**$61.00 D**
772335	(A20P-100)	0-100 psi	Polycarbonate Swichgage	**$57.25 D**
772331	(A20P-400)	0-400 psi	Polycarbonate Swichgage	**$100.00 D**
772684	(20BPG-100)	Steel Pressure Indicating Only		**$27.75 D**
772687	(20BPG-300)	Steel Pressure Indicating Only		**$30.50 D**

NEW ITEM

Frank W. Murphy Clamp Lite Assembly

772301	(05702176)	12 Volt	**$9.25 D**

Frank W. Murphy PSB Direct Mount Pressure Switch



Frank W. Murphy
PSB Direct Mount Pressure Switch
The PSB is a direct switch for critical pressure points. It has one limit contact that can be used to activate an alarm, actuate indicator lights or shut down equipment. The PSB is ideal when reading is not desired but pressure is critical to operational efficiency. 1/8-27 NPT brass pressure connection. Maximum pressure 75, set to trip 15.

772388 (PSB-75-F15) **$57.00 D**

Customized Version of Panel



Frank W. Murphy W0149 Customized Version of Panel
Prices On Request

Lube Level Swichgage Instrument



Frank W. Murphy Lube
Level Swichgage Instrument
It is a combination lube level indicating gauge and adjustable low and high limit switches. It provides protection against low oil level or high level caused by overfill or fuel or water seepage into the crankcase. A 6-3/4" deep sight gauge allows you check the condition and level of your oil without shutting down the equipment. Fingertip adjustable limit contacts, thru 4-7/8" range, make it simple to set high and low limit contacts. If the float touches the high or low limit contact, a normally open circuit will be completed which can activate alarms and/or shutdown the equipment. Check lube level without shutting down. Use on engines, pumps and compressors. Combination indicating gauge with low and high limit switch. Float operated.

772379 (L129) **$91.00 D**



Frank W. Murphy Level Swichgage - EL150 Series
Monitors level of coolants, lube oils, fuel and hydraulic fluid. Includes: A chamber with pivotal float and indicating dial with pointer and a low level contact. Built for low pressure systems with a maximum of 25 psi. Die cast aluminum, polyurethane coated. Brass float. Polycarbonate lens. Snap-switch: SPDT rated 5 amps 125 VAC. Conduit connection is 1/2 NPT with stuffing box. Dimensions: 5" W x 4-3/4" H x 2-3/4" D.

772380 (EL150K1) **$80.00 D**

Frank W. Murphy Pyrometer Direct-Mount Temperature Swichgages



Frank W. Murphy Pyrometer Direct-Mount Temperature Swichgages

The SDB Series are direct-mounting Temperature Swichgage devices. They provide an accurate direct-reading gauge with an adjustable limit switch to activate alarms and/or shutdown. A knob on front of the Switchgage allows you to adjust the limit switch trip point. Pointer movement is actuated by a bi-metallic sensing element.

772637 (SDB1000-3) 200° to 1,000° with Thermowell **$282.00 B**
772634 (SDB500) 100° to 500° w/o Thermowell **$152.25 B**
772648 (10050025) 1/2" NPT Thermowell **$83.00 B**

Explosion-Proof

CSA listed for Class I, Group C & D hazardous locations.

772635 (SDB500EX) 100° to 500° w/o Thermowell **$248.00 B**
772636 (SDB500EX-F-3) Pyrometer w/3/4" Thermowell **$347.00 B**

Frank W. Murphy Speed Switch



Frank W. Murphy Speed Switch

The SS300 speed switch is a single set point with SPDT relay dry contact output. The trip point is set by a potentiometer. An LED indicates when the signal source is present. A second LED turns on when the trip point is reached. The SS300 is intended for installation within a weatherproof enclosure. 12V DC. Also available in 24V DC.

777396 (SS300-12) **$116.50 D**

Frank W. Murphy Magnetic Switches



Frank W. Murphy Tattle Tale Annunciators and Magnetic Switch

Tattletale annunciators and magnetic switches are the nerve centers that translate Swichgage contact operations into decisions and operate the alarm or shutdown device. 12V DC.

772395 (518APH-12) **$38.25 D**

NEW ITEM



Frank W. Murphy Time Delay Magnetic Switch

Use for distributor ignition or diesel. Time delay lockout of Swichgage contacts on startup only. 12V DC.

Resets automatically when the shutdown signal is removed or power is removed. 30 second time delay.

777409 (760A-30-12) **$87.00 D**

Manual reset. 60 second time delay.

777411 (761APH-60-12) **$72.00 D**

Frank W. Murphy Selectronic Tattletale Annunciators

Frank W. Murphy Selectronic Tattletale Annunciators

The ST Series remote, visual and audible Tattletale panels alert pilot & operating personnel to problems with monitored equipment. Pulsating Mini-Siren draws attention to a problem. A flashing LED indicates which monitored function is the problem. Use multiple units for alarms at more than one location. Gimbal or panel mount in wheelhouse, crew chief quarters, etc. Accept normally open and normally closed contact operation and have an output connection for remote alarm relay. The Alarm Silence feature silences both Mini-Siren and remote alarms; LEDs reset when contact clears. Units operate on 8-40 VDC/8-32 VAC. Flange mount.

772374 (ST5AS-F) 5 Point **$310.00 D**
772376 (ST10AS-F) 10 Point **$398.00 D**



772374



772376

Frank W. Murphy Time Delay Elements

NEW ITEM

Frank W. Murphy
Time Delay Elements for Tattletale Annunciators

Single point time delays inhibit sensor input to ST Series annunciators. Compensators for momentary contact operation due to vessel movement, etc.

772377 (TDST3-5) 3 - 5 Second Time Delay **$108.25 D**
772375 (TDST8-10) 8 - 10 Second Time Delay **$94.00 D**

Frank W. Murphy Lube Level Swichgage

NEW ITEM

Frank W. Murphy
Lube Level Swichgage

It is a combination lube level indicating gauge and adjustable low and high limit switches. It provides protection against low oil level or high level caused by overfill or fuel or water seepage into the crankcase. A 6-3/4" deep sight gauge allows you check the condition and level of your oil without shutting down the equipment. Fingertip adjustable limit contacts, thru 4-7/8" range, make it simple to set high and low limit contacts. Designed for applications requiring a three-wire, above ground electrical circuit. It features ungrounded contacts and a conduit hub to protect electrical wiring.

772381 (L129CK1) **$117.50 D**



Frank W. Murphy Level Switches



Frank W. Murphy Hydrostatic Head Level Switch

A pressure sensitive diaphragm operates a snap-switch that can be wired directly to electric pilot circuits to control pumps at predetermined levels. Suitable for atmospheric tanks in a non-hazardous area. Aluminum case. Maximum pressure rating: 25 psi.

772384 (DF755) **$140.50 A**

Frank W. Murphy
Bilge Level Switch System

Operates bilge pumps or alarms. Uses proven "air cell" actuated system. Remote switch and moving parts kept unaffected by corrosion. Aluminum body and cover. Includes 3 assemblies: Bilge level switch, 4' tube kit (sensor line and fittings) and "air cell" (volume cell).

772378 (BLSK-1) **$226.75 D**



Frank W. Murphy Tachometers



Frank W. Murphy MT90 Digital Tachometer

Digital tachometer. Its high accuracy and dependability result from use of a quartz crystal time base and digital, solid-state electronics. Tachometer power is supplied by either a Murphy magnetic pickup, mounted at the flywheel ring-gear, or by a 12, 24 or 32 volt DC battery system. RPM data is supplied by either a Murphy magnetic pickup or by the alternator in your battery charging circuit. Back-lighting for easier readings; this lighting requires a battery power source. Mounting hole: 3-3/8".

772562 (MT90-1) **$233.75 D**

Frank W. Murphy Magnetic Pickups

772601 (MP3298) Threaded Length 3" Thread Size 5/8-18 **$53.50 D**
772613 (MP7905) Threaded Length 4-1/2" Thread Size 3/4-16 **$57.75 D**



Frank W. Murphy Alternator Signal Tachometers

The tachometer is a rugged, transistorized instrument with solid-state circuitry for indication of engine revolutions per minute. Bright stainless steel bezel. High visibility analog readout. Air core movement. Easy calibration. Through dial lighting. 3 -26 pulses. It is equipped with a bracket for mounting into a standard 3-3/8" dash mounting hole. 12V DC.

772586 (ATA-30-12) Tachometer Only **$114.00 G**
772588 (ATHA-30-12) Tachometer wth Hourmeter **$154.25 G**



Frank W. Murphy
MTH6 Digital Tachometer and Hourmeter

Tachometer and hourmeter with overspeed shutdown or alarm switch. 3-1/2" diameter dial. Reads RPM data from a magnetic pickup or battery charging alternator. Powered by 8 to 40V DC. Accurate to ± RPM. Easy to read 5 digit LCD display. Front panel programming. When reading from fly wheel ring gear use MP3298 or MP7905 Sensor.

772574 (MTH6) Tachometer wth Hourmeter **$300.00 D**



Frank W. Murphy
Magnetic Alternator Signal Tachometers

Same specs as ATA Tachs except these are magnetic sensor driven models. The pulses can be obtained from the ring gear of an engine by means of an electromagnetic sensor. These models are designed for flywheels having anywhere from 70 to 225 teeth. All ATA and ATS analog tachs are mounted in a 3-3/8" hole. Overall diameter is 3-53/64". 0 to 3000 RPM. Magnetic sensors are sold seperately. 12V DC

772582 (ATS-30-12) Tachometer Only **$114.00 G**
772594 (ATHS-30-12) Tachometer wth Hourmeter **$154.25 G**

Rule Hi-Water Bilge Alarm



Rule Hi-Water Bilge Alarm
Consists of a non-mercury float switch and an in-dash gauge that features both a visual and an audible 85 db alarm. Allows an unmanned compartment to be constantly monitored. For additional compartments add additional Rule Float Switches. Complies with CFR 182.530 which requires a visual and audible alarm in each unmanned space on commercial vessels at least 26' in length.

581505 (33ALA) **$73.95 H**

Cole Hersee Engine Warning System Kit



630992

Cole Hersee Engine Warning System Kit
The engine warning system kit includes: Dual alarm, temperature switch and oil pressure switch.

Dual Alarm. Combination warning light and buzzer operate simultaneously, providing two way warning of unsafe or hazardous conditions. Heavy gauge steel case, plated to resist corrosion. Applications include: Low air, oil, vacuum, high or low engine temperature, door ajar warning and hoist or dump body alarm. Smooth red lens. 5/8" diameter. Lens snaps out for easy replacement of bulb. Body size: 1-7/8" long x 1" wide x 1-3/8" high. Mounting stem 11/16" diameter, 17/32" long. Includes miniature bayonet bulb. 12 volt.

630497 Engine Warning System Kit **$66.95 H**
630992 (4112-RC) Dual Alarm - Light and Buzzer **$37.95 H**
219755 (1828) Replacement Bulb **$1.95 H**

Aqualarm Automatic Alarm System and Detectors



Aqualarm Automatic Alarm System
Red enamel bell. Basic 12 volt warning system comes with bilge water level detector, 6" bell and all installation instructions. Loud 100 db. Operates on dry cell or ships batteries.

228658 (RBWS-12) **$98.95 F**
228665 (RBA-12) Replacement Bell Only **$68.95 F**



228734



228709

Aqualarm Cooling Water Flow Detector
Detects loss of water flow to the raw water pump of marine engines.

228734 (210) 1" NPT Reduced for 1/2" Hose **$77.95 F**
228696 (206) 1-1/2" NPT Reduced for 1" Hose **$81.95 F**

Aqualarm Bilge Water Level Detector
Detects dangerous water level in a bilge and sends a signal to the bell alarm. Dimensions: 6-1/2" H x 2" W. Includes: 10' of connection cable.

228709 (208A) **$38.95 F**



228711



228723

Aqualarm Engine Overheat Detector
Detects engine overheating by giving an alarm signal on engine block temperature exceeding 195° F. Dimensions: 3" W x 3/4" H.

228711 (212) **$24.95 F**

Aqualarm Engine Overheat Detector
Detects engine overheating by giving an alarm signal on engine water temperature exceeding 200° F. 1/2" NPT. Length 1-5/8".

228723 (212A) **$24.95 F**



228684



228672

Aqualarm Remote Fire Detector
Detects engine room or compartment fire by giving an alarm signal on temperature of 135° F. Dimensions: 1-5/8" D x 3/4" H.

228684 (204) **$35.95 F**

Aqualarm Low Oil Pressure Detector
Detects loss of oil pressure in marine engines. Activates sensor at 10 PSI. 1/8" NPT. Dimensions: 1-1/2" D x 2" H.

228672 (202) **$26.95 F**

Cole Hersee Red Indicator Lights



Cole Hersee Red Indicator Light

Insulated style. Multi faceted lens with satin finish. Gasket sealed lens. Double contact. Moisture repellent molded phenolic insulator. Plated brass bezel 1-1/4" diameter. 8" wire leads. Lens 15/16" diameter. Mounting stem 7/8" diameter, 1-1/4" long. Supplied with 12 volt #68 bulb. Lens color: Red. Sold each.

300602 (M-326-RC) **$30.95 H**
219457 (68) Spare Bulbs **$1.95 H**



Cole Hersee Red Indicator Light

Insulated style. Smooth lens with chrome plated brass bezel. Single contact with ground wire for use on insulated panels. 8" wire leads. Bezel 7/8" diameter. Lens 17/32" diameter. Mounting stem 3/4" diameter, 1-1/16" long. Supplied with 12 volt #53 bulb. Lens color: Red. Sold each.

300587 (M-320-RC) **$18.95 H**
219433 (53) Spare Bulbs **$4.95 H**

Raritan Rudder Angle Indicators



Raritan Rudder Angle Indicators

Rudder angle indicators are economical steering aids and rudder position monitors. Useful aid for docking or close maneuvering. Constant monitoring of rudder angle position from 0 to 45 degrees. Ready for installation with all necessary components needed - meter, calibration box and sending unit. Easy to read panoramic meters.

564117 (MK5) Dimensions: 5-1/8" W x 4" H **$465.95 E**
564131 (MK6) Dimensions: 3-3/4" W x 2-7/8" H **$447.95 E**

Raritan Rudder Angle Indicator Accessories

564129 (MK5R) Repeater Unit for **564117** (MK5) **$244.95 E**
564155 (MKSII) Replacement Transmitter **$188.95 E**

Wagner Model 150 Rudder Angle Indicators



Wagner Model 150 Rudder Angle Indicators

This 3" diameter indicator is enclosed in a standard SAE housing for flush mount in consoles or pedestals. The front face of the indicator is completely watertight. The indicator draws less current than a pilot light and may be run off any boat's 12 to 40 volt DC current supply. Up to six stations may be used by simply connecting them in series. The indicator is fitted with internal, indirect illumination. An optional remote dimmer control allows for selection of a comfortable level of brightness. The indicator comes complete with a pre-wired cable, ready for installation.

677623 (510-132) Master Meter **$605.95 D**
677635 (510-133) Extra Meter **$430.95 D**
677672 (510-058) Universal Follow-Up Sender **$563.95 D**

Davis Hand Bearing Compass



Davis Hand Bearing Compass - Illuminated

Using this precision marine hand bearing compass, you can easily obtain quick magnetic bearings on shore or floating objects. Obtain a bearing simply by aligning front and rear sights on an object and reading off bearing. Uses include: Quick bearing or position set, determination of angular gain or loss on the competition while racing, checking distance offshore, establishing lee-bow set while cruising or racing in currents, drift vectoring and plotting a line of position. Features a liquid-damped compass card graduated in 5° segments and a large, contoured handle. Lanyard and instructions included. A solid-state LED with a positive push-on switch.

322611 (00215) **$61.95 H**

Ritchie Dash Mount Compasses



574043



574055

RitchieSport®
X-21WW and X-21BU Dash Mount Compasses

2" Direct Reading Dial. View adjusts up to 30°. Exclusive built-in green NiteVu lighting. High temperature composite construction for extended operating range. Scientifically matched sapphire jewel and hardened steel pivot dial movement. DirectiveForce magnets. Easily installed, fits standard 2-1/16" instrument hole. Exclusive 5-year Ritchie warranty. **Note:** Does not have built-in compensators.

574043 (X-21WW) Designer White with White Dial **$37.95 E**
574055 (X-21BU) Traditional Black w/High-Visibility Blue Dial **$37.95 E**

Ritchie Bracket Mount Compasses



573914



573902



573926

Ritchie Trek Bracket Mount Compasses

Ideal for Runabouts, Center Consoles, Ski Boats, Flats Boats, Bass Boats, Cars, Trucks, RV's and ATV's. 2-1/4" Direct Reading Dial with large numerals for easy reading. Strong directive force magnets and composite dial for fast performance. Built-in compensators to correct for deviation. Extra large diaphragm and rugged construction provide extended operating temperature range. High-impact rubber accent strip. Built-in, 12-volt Green NiteVu Lighting. Exclusive 5-year Ritchie warranty.

573902 (TR-31) Traditional Black **$42.95 E**
573914 (TR-31G) No-Glare Gray w/High-Visibility Blue Dial **$42.95 E**
573926 (TR-31W) Designer White **$42.95 E**
574942 (EX-0005-2) Replacement Light Bulb - 12 Volt **$7.95 E**



574017



574005



574029

RitchieSport® X-10-M Bracket Mount Compasses

2" Direct Reading Dial. Reversible 1-1/4" x 1-1/4" bracket adjusts through 300°. Two sided, self-adhesive mounting pads included. Internal Green night lighting. Built-in compensators. Hardened steel pivot and sapphire jewel movement. High temp composite construction for extended operating range. Easy to install on windshield or dash. Exclusive 5-year Ritchie warranty.

574005 (X-10-M) No-Glare Gray w/High-Visibility Blue Dial **$29.95 E**
574017 (X-10B-M) Traditional Black **$29.95 E**
574029 (X-10W-M) Designer White **$29.95 E**

Ritchie Bracket Mount Compasses



RitchieAngler RA-91 Bracket Mount Compass

2-3/4" Direct Reading Dial. For small power/sport fishing boats. Adjustable bracket mount with thumbscrews. Distinctive RitchieAngler Graphics. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Built-in compensators. DirectiveForce magnets. Internal Green night lighting. 100% repairability. Exclusive 5-year Ritchie warranty.

574081 (RA-91) No-Glare Gray w/High-Visibility Blue Dial **$57.95 E**
574942 (EX-0005-2) Replacement Light Bulb - 12 Volt **$7.95 E**



Ritchie B-51 Explorer™ Bracket Mount Compasses

2-3/4" Direct Reading Dial. For small power/fishing boats. Adjustable and removable bracket with thumbscrews. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. Internal Green night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Exclusive 5-year Ritchie warranty.

574106 (B-51) Traditional Black **$57.95 E**
574110 (B-51W) Designer White **$57.95 E**
574942 (EX-0005-2) Replacement Light Bulb - 12 Volt **$7.95 E**



Ritchie B-81 Voyager® Bracket Mount Compass

3" CombiDamp Dial. For power/sail boats. Adjustable and removable bracket with thumbscrews. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. Exclusive built-in Green NiteVu night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Exclusive 5-year Ritchie warranty.

574208 (B-81) Traditional Black **$121.95 E**
574904 (SH-0029XSP) Red LED and Wire Assembly **$14.95 E**



Ritchie HB-741 Helmsman™ Bracket Mount Compass

3-3/4" CombiDamp Dial. For power/sail boats. Adjustable and removable bracket with thumbscrews. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. 45° lubber lines. Exclusive built-in Green NiteVu night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Exclusive 5-year Ritchie warranty.

574308 (HB-741) Traditional Black **$177.95 E**
574904 (SH-0029XSP) Red LED and Wire Assembly **$14.95 E**

Ritchie Night Lights for Compasses

Ritchie Red LED and Wire Assembly

For Voyager sunshade lights and Helmsman sunshade lights and top lights (Bulkhead models).

574904 (SH-0029XSP) **$14.95 E**

Ritchie Clear Bulb - 12 Volt

For Explorer and RitchieAngler (except model V-57). Package of 2.

574942 (EX-0005-2) **$7.95 E**

Ritchie Lamp Assembly without Bracket - 12 Volt

For Globemaster.

573609 (GM-0023) **$21.95 E**

Ritchie Deck Mount Compasses



Ritchie D-55 Explorer™ Deck Mount Compass
2-3/4" Direct Reading Dial. For small power/fishing boats. Compact design. Push button removal of compass binnacle for quick storage and security. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. Internal Green night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Base diameter 3-15/16". Exclusive 5-year Ritchie warranty.

574120	(D-55)	Traditional Black	**$59.95 E**
574942	(EX-0005-2)	Replacement Light Bulb - 12 Volt	**$7.95 E**



Ritchie HD-745 Helmsman™ Deck Mount Compass
3-3/4" CombiDamp Dial. For sport fishing boats and cruisers. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. 45° lubber lines. Green NiteVu night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Base diameter 5-1/2". Exclusive 5-year Ritchie warranty.

574322	(HD-745)	Traditional Black	**$192.95 E**
574904	(SH-0029XSP)	Red LED and Wire Assembly	**$14.95 E**

Ritchie Surface Mount Compasses



574170



574182

Ritchie S-87 Voyager® Surface Mount Compasses
3" CombiDamp Dial. Compact low-profile design. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. Built-in Green night illumination. DirectiveForce magnets. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. High temperature composite construction for extended operating range. Base diameter 4-1/2". Exclusive 5-year Ritchie warranty.

574170	(S-87)	Traditional Black	**$116.95 E**
574182	(S-87W)	Designer White	**$116.95 E**
574904	(SH-0029XSP)	Red LED and Wire Assembly	**$14.95 E**



574118



574119

Ritchie S-53 Explorer™ Surface Mount Compasses
2-3/4" Direct Reading Dial. For small power/sport fishing boats. Compact low-profile design. Push button removal of compass module for quick storage and security. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. Internal Green night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Base diameter 3-5/8". Exclusive 5-year Ritchie warranty.

574118	(S-53)	Traditional Black	**$57.95 E**
574119	(S-53W)	Designer White	**$57.95 E**
574942	(EX-0005-2)	Replacement Light Bulb - 12 Volt	**$7.95 E**

RitchieAngler RA-93 Surface Mount Compass
2-3/4" Direct Reading Dial. For small power/sport fishing boats. Compact low-profile design. Surface mount with push button removal for quick storage and security. Distinctive RitchieAngler Graphics. Built-in compensators. DirectiveForce magnets. Internal Green night lighting. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Base diameter 3-5/8". Exclusive 5-year Ritchie warranty.

574093	(RA-93) No-Glare Gray w/High-Visibility Blue Dial	**$57.95 E**
574942	(EX-0005-2) Replacement Light Bulb - 12 Volt	**$7.95 E**



Ritchie Binnacle Mount Compass



Ritchie DNW-200
Navigator™ Binnacle Mount Compass

4-1/2" PowerDamp Flat Card Dial with large numerals. Ideal for both power and sail boats. Fits all popular sailboat steering pedestals. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. Internal gimbal system for maximum stability during adverse pitch and roll conditions. 45° lubber lines. Exclusive built-in Green NiteVu night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. High temperature construction for extended operating range. Movable sun shield. Base diameter 6-1/2". Exclusive 5-year Ritchie warranty.

574523 (DNW-200) Designer White **$389.95 E**

Ritchie Flush Mount Compasses



574132



574144

Ritchie F-50 Explorer™ Flush Mount Compasses

2-3/4" Direct Reading Dial. For small power/sport fishing boats. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. Internal Green night illumination. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Movable sun shield. Easily installed, fits 3-3/4" mounting hole. Exclusive 5-year Ritchie warranty.

574132 (F-50W) Designer White **$59.95 E**
574144 (F-50) Traditional Black **$59.95 E**
574942 (EX-0005-2) Replacement Light Bulb - 12 Volt **$7.95 E**



574257

574245

574233

Ritchie F-82 & F-83 Voyager® Flush Mount Compasses

Choice of 3" PowerDamp Flat or CombiDamp Dial. For power/sail boats. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. 45° lubber lines. 100% repairability. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Exclusive built-in green NiteVu night illumination. Movable sun shield. Mounting hole 4-1/8". Exclusive 5-year Ritchie warranty.

574233 (F-82W) PowerDamp Dial - Designer White **$116.95 E**
574245 (F-82) PowerDamp Dial - Traditional Black **$116.95 E**
574257 (F-83) CombiDamp Dial - Traditional Black **$116.95 E**
574904 (SH-0029XSP) Red LED and Wire Assembly **$14.95 E**



574346

574360

Ritchie HF-742 & HF-743
Helmsman™ Flush Mount Compasses

Choice of 3-3/4" PowerDamp Flat or CombiDamp Dial. For power/sail boats. Built-in compensators. Powerful DirectiveForce magnets for fast heading lock-on. 45° lubber lines. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Exclusive built-in green NiteVu night illumination. 100% repairability. Hardened steel pivot and sapphire jewel movement. Movable sun shield. Adapter rings included. 6" (15.24) Retrofits Existing Mounting Hole for Model No. HF-72/73. Easily installed, fits 4" mounting hole. Exclusive 5-year Ritchie warranty.

574346 (HF-742) PowerDamp Dial - Traditional Black **$173.95 E**
574360 (HF-743) CombiDamp Dial - Traditional Black **$173.95 E**
574904 (SH-0029XSP) Red LED and Wire Assembly **$14.95 E**

Ritchie Flush Mount Compasses



574563

RITCHIE NAVIGATION

Ritchie SuperSports® Flush Mount Compasses

PowerDamp Plus, high-visibility blue dial with extra large white numerals. DirectiveForce magnets. Built-in compensators to easily adjust for deviation. 100% repairability. 45° lubber lines. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Internal gimbal systems for maximum stability during adverse pitch and roll conditions. Powerful DirectiveForce magnets for fast heading lock-on. High temperature construction for extended operating range. Exclusive 5-year Ritchie warranty.

SS-1002 and SS-1002W: Exclusive built-in green NiteVu night illumination in movable sun shields. Adapter rings included. 6" (15.24) Retrofits Existing Mounting Hole for Model No. HF-72/73. Sold each.

SS-2000: Exclusive built-in green NiteVu night illumination in movable sun shields.

SS-5000: Fixed low level green NiteVu night illumination.



574574



574586

Traditional Black

574562	(SS-1002)	3-3/4" Dial	Mounting Hole 4"	**$196.95 E**
574574	(SS-2000)	4-1/2" Dial	Mounting Hole 4-3/4"	**$348.95 E**
574586	(SS-5000)	5" Dial	Mounting Hole 6-1/4"	**$610.95 E**

Designer White

574563	(SS-1002W)	3-3/4" Dial	Mounting Hole 4"	**$196.95 E**

Ritchie FNW-203 Navigator Flush Mount Compass

4-1/2" CombiDamp Dial with large numerals. Built-in compensators. Exclusive built-in green NiteVu night illumination. 45° lubber lines. Powerful DirectiveForce magnets for fast heading lock-on. Scientifically matched sapphire jewel and hardened steel pivot dial movement. High temperature construction for extended operating range. 100% repairability. Movable sun shield. Easily installed, fits 4-3/4" mounting hole. Exclusive 5-year Ritchie warranty.

RITCHIE NAVIGATION



574548 (FNW-203) Designer White **$302.95 E**

Ritchie Dash Mount Compass

Ritchie V-57 Explorer™ Dash Mount Compass

2-3/4" Direct Reading Dial. For small power boats. Easily installed, fits 3" installation hole. Bezels styled to match popular gauge packages. Viewing is adjustable to 30°. Scientifically matched sapphire jewel and hardened steel pivot dial movement. Exclusive built-in NiteVu lighting. Built-in compensators. Hi-Temperature construction. 100% repairability. Exclusive 5-year Ritchie warranty.

RITCHIE NAVIGATION



574168	(V-57.2)	Traditional Black	**$62.95 E**
574942	(EX-0005-2)	Replacement Light Bulb - 12 Volt	**$7.95 E**

Ritchie Steel Boat and Commercial Boat Compasses



Ritchie HB-845 Helmsman™ Steel Boat Compass

3-3/4" PowerDamp Dial. Special reinforced bracket with quadrantal correctors. 45° lubber line. Full internal gimbals. Exclusive built-in green NiteVu lighting. Built-in standard compensators and booster magnets on base. 100% repairability. Hardened steel pivot and sapphire jewel movement. Movable sun shield. Overall width 10.220". Overall depth 6.405". Exclusive 5-year Ritchie warranty.

574396	(HB-845)	Traditional Black	**$381.95 E**
574904	(SH-0029XSP)	Red LED and Wire Assembly	**$14.95 E**



Ritchie Globemaster®
Shock-Mounted Binnacle Compasses

PowerDamp High Performance Dial. Black krinkle finish metal binnacle. Should be installed in enclosed bridge decks or pilot houses. 5° increments. Built-in semi-circular compensators. 90° lubber lines for easy reading. Night lighting – 12 volt. Special anti-vibration mount isolates dials to protect pivot and jewel. Hardened steel pivot and sapphire jewel movement. 100% repairability. Exclusive 5-year Ritchie warranty.

574675	(C-453)	5" Dial	Base Dia. 8-7/16"	**$816.95 E**
574676	(C-463)	6" Dial	Base Dia. 9-1/2"	**$994.95 E**
573609	(GM-0023)	Repl. Lamp Assembly w/o Bracket		**$21.95 E**



Ritchie Globemaster®
Shock-Mounted Binnacle Compasses

PowerDamp High Performance Dials. One piece cast aluminum base assures accurate sphere alignment. Should be installed in enclosed bridge decks or pilot houses. Includes quadrantal correction spheres. Shock-mounted binnacle. 5° increments. Built-in semi-circular compensators. Night lighting – 12 volt. 100% repairability. Special anti-vibration mount isolates pivot and jewel from severe shock or vibrations. Hardened steel pivot and sapphire jewel movement. Extra 90° lubber lines for easy reading. Exclusive 5-year Ritchie warranty.

574649	(B-453)	5" Dial	Base Dia. 8-7/16" x 19" x 7-3/8"	**$1,130.95 E**
574651	(B-463)	6" Dial	Base Dia. 9-1/2" x 20-1/2" x 8-3/8"	**$1,265.95 E**
573609	(GM-0023)	Repl. Lamp Assembly w/o Bracket		**$21.95 E**



Ritchie Globemaster®
Shock-Mounted Binnacle Compasses

A practical combination of compass and special mounting bracket is offered in this model. Special one piece cast bronze bracket mount model with black finish. Includes quadrantal correction spheres. PowerDamp Performance Dials. Bracket mount steel boat. 5° increments. Built-in semi-circular compensators. Full internal gimbals. Night lighting – 12 volt. 100% repairability. High capacity roller diaphragm for extended temperature operating ranges. Hardened steel pivot and sapphire jewel movement. 90° lubber lines for easy reading of reciprocal headings. Exclusive 5-year Ritchie warranty.

574601	(YB-500)	5" Dial	Base Dia. 6-7/8" x 19" x 8-1/4"	**$869.95 E**
574613	(YB-600)	6" Dial	Base Dia. 8" x 20-1/2" x 9-5/8"	**$1,038.95 E**
573609	(GM-0023)	Repl. Lamp Assembly w/o Bracket		**$21.95 E**

Steiner Marine Binoculars



Steiner 7 x 50 Marine Binoculars
Features fully multi-coated optics for excellent low light performance with a peak light transmission of over 90%. Black rubber armoring provides a sure grip even when wet. Long 22mm eye relief for full field of view with eyeglass or sunglasses. Waterproof and shockproof. Nitrogen pressurized.

548238 (575) **$398.95 E**



Steiner 7 x 50 Observer - Compass Binoculars
Tough, dependable marine optics. Includes a range finding reticle for distance determination, and electronic compass illumination for bearings in darkness. Equipped with Steiner's Sports Auto-Focus system, everything is in focus from 20 yards to infinity once set for your eyes. The Observers are guaranteed waterproof and shockproof to stand up to harsh marine use. Included are a web strap, rain and spray guard for the eyepieces and attached objective lens caps.

548240 (685) **$599.95 E**



Steiner 7 x 30 Navigator Pro C Binoculars
Compact, durable design. Anti haze "CAT" optics that block glare. Built-in stabilized compass with electronic compass illumination. Built-in range finding horizontal and vertical mil reticle. 7x power for steady view, wide field and exceptional brightness. Attractive navy blue armoring. 20mm of eye relief. Designed as the perfect "Fast Binocular", the 7 x 30 Navigator Pro is ideal for all types of watercraft including sport fishing boats, smaller fresh water boats, coastal sailboats and powerboats that have need for a high performance binocular with a navigational compass for locating fishing hotspots, racing or general navigation.

548226 (353) With Compass **$515.95 E**

Optronics Clearpoint Sport Series Binoculars



Optronics Clearpoint Sport Series Binoculars - Wide Angle
Custom-designed and manufactured for outdoor recreation and sports enthusiasts, these shockproof, water resistant binoculars are perfect for a wide range of outdoor activities. All Sport Series binoculars are coated with the same easy-grip rubber-armored coating found on our other models. They also have a fully-coated air-to-glass surface area, which greatly increases light transmission and delivers excellent brightness and clarity. Pouch and strap are included.

523324 (BC-1050R) 10 x 50mm **$39.95 F**

Clocks and Barometers

Chelsea



281591

281600

Chelsea Boston Shipstrike Series 6" Clock
Heavy forged, highly polished one-piece brass case with screwed bezel. 8 day wind up mechanical action.

281591 (40025) **$875.95 G**

Chelsea Boston Shipstrike Series 6" Barometer
Heavy forged, highly polished one-piece brass case. The gold plated set knob resists discoloration. Screw bezel.

281600 (40027) **$514.95 G**

Weems & Plath

NEW ITEM



281650

281651

Weems & Plath Brass Endurance 125 Quartz Clock
AA battery operated, precision German movement. Dial 4-7/8". Base 6". Depth 1-5/8".

281650 (530500) **$133.95 G**

Weems & Plath Brass Endurance 125 Barometer
Temperature compensated, aneroid movement. Fully adjustable. Inch and millibar scales. Our standard barometer movements are calibrated for altitudes to 3,500' above sea level. Dial 4-7/8". Base 6". Depth 1-5/8".

281651 (530700) **$133.95 G**

Davis Charting Instruments

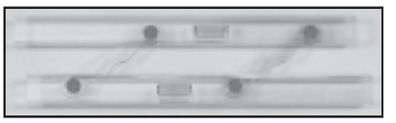
Davis



Davis Weather Wizard III
Combines inside/outside temperature, wind speed, direction, and wind chill, highs/lows and alarms along with optional rainfall. It displays indoor and outdoor weather conditions at the touch of a button. Large display includes compass rose which shows continuously updated wind direction and wind speed information. Station includes anemometer with 40' cable and external temperature sensor with 25' cable. Cables are connected to the console through a junction box with 8' of cable. Console includes AC-power adapter with battery backup (battery not included).

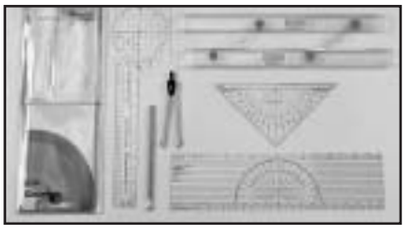
322030 (7425) **$280.95 H**

Davis



Davis Parallel Rules
The instrument is completely transparent and has a clear optical finish to aid in your charting. Each 15" (381 mm) long blade has been individually milled to assure an accurate instrument at any price.

321825 (061) **$16.95 H**



Davis Charting Kit
A choice selection of navigational tools for cruisers and racers as well. Includes: One-Arm Protractor, Course Plotter, Protractor Triangle, Parallel Rules, Professional Dividers, a pencil and instruction booklet. All are conveniently organized in a heavy gauge plastic carrying case.

321996 (083) **$55.95 H**

TOP SPOT

Pasadena Top Spot Waterproof Chart
Waterproof and tear resistant. Wade, boat, offshore and pier fishing charts include fishing index, hot spots and access roads.

219206 (F122) Lake Sommerville **$18.50 H**

Marpac Windlasses

All Marpac windlasses are designed to use 1/4" chain with 1/2" rope. Easy to install with the included step by step VCD. Both the horizontal and vertical models feature: A stainless steel gypsy, stainless steel driveshaft and parts, compact, water resistant, one piece housing, powder-coated aluminum alloy case, simple deck mounting - no under deck parts.

See Anchor Rode Selection Page 98



Marpac Horizontal Windlasses

These Marpac windlasses have been developed with up-to-date technology and ideals, with efficient spur gears instead of traditional worm gears which can reduce of up to 30% ~ 50% motor power consumption. The stainless steel gypsy takes both rope and chain and the electric brake on the gypsy can terminate the anchor fall at any time, as well as hold it. A heat radiating system helps prevent motor overheating.

7-1550	H30 Free Fall	For Boats up to 30'	**$549.95 E**
7-1553	H35 Free Fall	For Boats up to 35'	**$699.95 E**
7-1554	H40 Free Fall	For Boats up to 40'	**$749.95 E**



Marpac Vertical Windlasses

The Marpac vertical windlass is a popular model, made of an aluminum alloy with chrome plating. The gearbox, heavy duty DC motor and base have been designed into one unit, with no separate parts, for easy installation. The brake can hold the stainless steel gypsy when not operating. An emergency retrieval hand bar included.

7-1543	V30	For Boats up to 30'	**$519.95 E**
7-1544	V35	For Boats up to 35'	**$619.95 E**



Marpac Small Boat Windlasses

They are compact, easy operating and easy to install by yourself. The durable stainless steel gypsy runs both rope and chain smoothly. For boats up to 20'.

7-1545	H20 Power Out	**$345.95 E**
7-1546	H20FF Free Fall	**$399.95 E**

Marpac Foot Control Kit

Includes: (2) **7-1555** - Foot switch and (1) **7-1556** - remote control box.

7-1485 **$187.95 E**

Marpac Add-A-Station Kit

Includes: (2) **7-1559** - Up/down switch and (1) **7-1556** - remote control box.

7-1486 **$151.95 E**

Marpac
Combination Kit for Foot Switch and 2nd Station

Includes: (2) **7-1555** - Foot switch, (2) **7-1559** - up/down switch and (1) **7-1556** - remote control box.

7-1487 **$207.95 E**



7-1556



7-1555



7-1558

Marpac Windlasses Accessories

7-1555	Foot Switch	**$28.95 E**
7-1558	Up/Down Switch, Direct Control	**$18.95 E**
7-1559	Up/Down Switch, For Use with Foot Switch or Remote Control Box	**$18.95 E**
7-1556	Remote Control Box	**$117.95 E**

Quick Genius Horizontal Windlasses

See Anchor Rode Selection Page 98



Quick Genius 600 Horizontal Windlass

For boats up to 30'. Compact, elegant design. Low power consumption. High speed retrieval. High strength, all-aluminum anodized housing. Lightweight. Flexible - supports 1/4" or 5/16" chain and 1/2" or 5/8" rope. Maximum pull 1,496 lb. Power 500W. Maximum working load 550 lb. Maximum chain speed 48 feet per minute. Dimensions: 9.9" L x 8" W x 5.4" H. 12 volt.

555952 (G600-7) **$900.95 D**

Quick Genius 600 Windlass Package

Includes: Genius 600 Windlass, 16.5 lb. Claw Type Anchor and 1/2" x 150' Anchor Rode.

555966 **$1,064.95 D**



Quick Genius 1000 Horizontal Windlass

For boats up to 35'. Compact, elegant design. Low power consumption. High speed retrieval. High strength, all-aluminum anodized housing. Lightweight. Flexible - supports 1/4" or 5/16" chain and 1/2" or 5/8" rope. Maximum pull 1,984 lb. Power 800W. Maximum working load 770 lb. Maximum chain speed 99 feet per minute. Dimensions: 9.9" L x 8" W x 5.4" H. 12 volt.

555956 (G1000-8) **$1,064.95 D**

Quick Genius 1000 Windlass Package

Includes: Genius 1000 Windlass, 22 lb. Claw Type Anchor and 9/16" x 200' Anchor Rode.

555978 **$1,350.95 D**

Quick Crystal Windlass without Drum



Quick Crystal Windlass without Drum

The chromed-plated bronze makes the Crystal models innovative and attractive while guaranteeing high quality and reliability. They are lightweight, sturdy and the best solution for those who need high performances and compact dimensions. Such features are due to a vertical motor that is easy to install due to an epicyclical gearbox that allows you, thanks to a good performance, to take advantage of the engines power. In addition, they are provided with a new pressure lever system, developed to obtain a better operativeness. The Crystal models are provided with a casing, which ensures that the engines are completely watertight. Includes: A control panel, a reversible solenoid, a 40 amp circuit breaker, a clutch handle and an owner's manual. 12 volt.

For boats up to 26'. Flexible - supports 1/4" HT chain and 1/2" rope. Maximum pull 1,366 lb. Power 500W. Maximum working load 440 lb. Maximum chain speed 99 feet per minute.

555980 (C600-7) **$1,022.95 D**

Lewmar Windlasses

See Anchor Rode Selection Page 98

LEWMAR



Lewmar Pro Sport 550 Windlass
Powerful motor providing superior line speed. Low power consumption/current draw. Dual direction power operation. Manual freefall. Maximum pulling power: 500 lbs. Convenient above-deck installation. 3 year warranty.

554951 (6656811197-303) **$745.95 D**

LEWMAR



Lewmar Pro Series 700H Windlass
100% 316 stainless steel housing. For boats 20 - 35 ft. Rope size 1/2". Chain size 1/4". Motor power: 500W. Typical max. pull: 700 lbs. Max. line speed/min.: 105 ft. Typical working load: 175 lbs. Fast line speed. Easy to install. Worm motor gearbox for reliability. Dual direction solenoid inside unit. Rope-chain gypsy. Sealed unit for maximum protection. Dynamic DIY install kit. Kit includes: Windlass, base gasket seal, fast mounting studs, installation wrench, toggle switch and circuit breaker. Manual recovery option. 5 year warranty.

554988 (6656011107-301) **$1,041.95 B**

Lewmar Pro Series 1000H Windlass
100% 316 stainless steel housing. For boats 30 - 45 ft. Rope size 9/16" - 5/8". Chain size 5/16". Motor power: 700W. Typical max. pull: 1,000 lbs. Max. line speed/min.: 105 ft. Typical working load: 250 lbs. Fast line speed. Easy to install. Worm motor gearbox for reliability. Dual direction solenoid inside unit. Rope-chain gypsy. Sealed unit for maximum protection. Dynamic DIY install kit. Kit includes: Windlass, base gasket seal, fast mounting studs, installation wrench, rocker switch, circuit breaker and contactor. Manual recovery option. 5 year warranty.

554990 (6657011108-101) **$1,141.95 B**

LEWMAR



Lewmar Wireless Control System
Simple to install in new installations and retro-fit. Compatible with all windlasses operated by a contactor. Watertight key-fob transmitter unit. Control from multiple transmitter units.

555156 (68000844) **$171.95 D**

555168 (68000846) Spare 3-Button Transmitter Unit **$76.95 D**

LEWMAR



Lewmar Pro-Fish Free Fall 700/1000 Windlasses
100% 316 stainless steel housing. Fast line speed. Easy to install. Dynamic DIY install kit. Manual recovery option. 5 year warranty.

For boats 30 - 35 ft. Rope size 1/2". Chain size 1/4". Motor power: 500W. Typical max. pull: 700 lbs. Max. line speed/min.: 105 ft. Typical working load: 175 lbs. Kit includes: Windlass, base gasket seal, fast mounting studs, installation wrench, toggle switch and circuit breaker.

554989 (6656211107-301) Pro-Fish 700 **$1,158.95 B**

For boats 30 - 45 ft. Rope size 9/16" - 5/8". Chain size 5/16". Motor power: 700W. Typical max. pull: 1,000 lbs. Max. line speed/min.: 105 ft. Typical working load: 250 lbs. Kit includes: Windlass, base gasket seal, fast mounting studs, installation wrench, toggle switch, circuit breaker and contactor.

554991 (6656411108-102) Pro-Fish 1000 **$1,259.95 B**

LEWMAR



Lewmar V700 Stainless Steel Vertical Windlass
100% 316 stainless steel deck unit. IP677 Rated (Waterproof to 1 meter). Fall Safe anchor lock. Built-in motor protection and anchor lock. Fast line speed, manual recovery option. Impact-resistant motor cover. For boats 20 - 35 ft. Kit includes: Breaker and toggle switch. 5 year warranty.

555106 (6670011107-301) **$914.95 B**

Maxwell Freedom Rope/Chain Series

VC Series



VC SERIES 300 TO 3000lbs
maximum pull

VW Series



VW SERIES 500 TO 4000lbs
maximum pull

VWC Series



VWC SERIES 500 TO 4000lbs
maximum pull

HWC Series



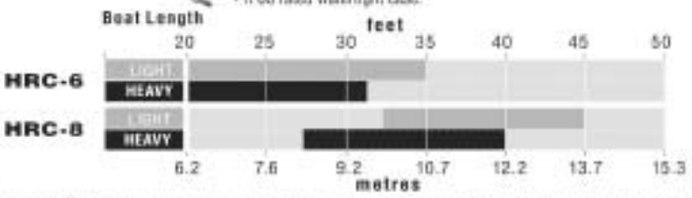
HWC SERIES 1500 TO 3500lbs
maximum pull

HRC 6 and HRC 8



Features:
- Simple 'bolt down' installation ensures effortless and rapid on deck installation.
- High pressure die cast marine grade alloy case is passivated and polyester powder coated for unsurpassed marine protection.
- High efficiency 59:1 ratio straight cut, spur gear box incorporating a robust non – backwind mechanism.
- IP66 rated watertight case.

3 YEAR WARRANTY



Windlass Selection Chart serves only as a basic guide to assist in selecting the appropriate anchor winch system. **Important:** Maxwell windlasses must be used in conjunction with a chain stopper or chain cleat to take the load off the windlass while laying at anchor. The chain stopper and alternative chain cleat system should also be used to secure the anchor in the fully raised position while under way.

See report in Powerboat magazine at maxwellmarine.com

SPECIFICATIONS CE

MODEL	HRC-6	HRC-8
List price	$1,175	$1,475
Maximum Pull	600 lbs	900 lbs
Chain Short Link	1/4"	1/4" - 5/16"
Rope Size (Nylon)*	1/2" (3 strand or 8 plait)	1/2" - 5/8" (8 plait recommended)
Line Speed	89ft/min (Anchor Retrieval - Normal Load)	92ft/min
Maximum Line Speed	98ft/min	108ft/min (Anchor Deployment)
Power Supply (DC)	12V	12V/24V
Motor (Watts)	400w	600w
Net Weight	22 lb	22 lb
Circuit Breaker	50Amp	70Amp

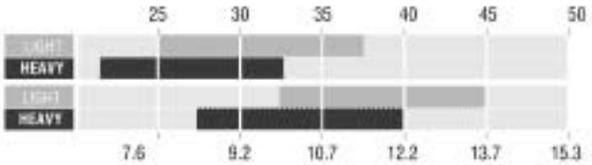
*Refer to owners manual for rope size variances.

Freedom 500 and 800



Features:
- Sleek, captive on deck design for smooth, snag free operation.
- High speed, jam free retrieval of rope and chain from remote control station.
- Cone type clutch/brake mechanism permits manual, "free fall" anchoring.
- Sealed oil bath and marine grade alloy gearbox provides high efficiency output drive via precision worm and wormwheel.
- Heavy duty, dual direction motor, designed for marine winches. Isolated ground type, with durable class F insulation. Easily removed for service.

3 YEAR WARRANTY



Winch Selection Chart serves only as a basic guide to assist in selecting the appropriate anchor winch system.

See report in Powerboat magazine at maxwellmarine.com

SPECIFICATIONS CE

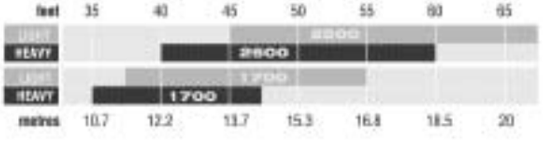
Model	RC500	RC800
List price	$1,795	$2,395
Maximum Pull	500lbs	800lbs
Chain Speed (Normal Working)	62ft/min	108ft/min
Rope Speed (Normal Working)	49ft/min	68ft/min
Power Supply (DC)	12 or 24V	12 or 24V
Motor (Watts)	600w	1000w
Rope Size (Nylon)*	1/2" (3 strand or 8 plait)	5/8" (8 plait recommended)
Chain Short Link	1/4"	5/16"
Net Weight	27.5lbs	36.3lbs

Liberty 1700 and 2500



Features:
(* Maxwell-executed patent pending designs.)
- Balance force pressure arm system eliminates snags.*
- Rope/chain wheel design ensures maximum grip on rope splice.*
- Simply activated emergency/manual crank mechanism.*
- Interchangeability of rope/chain wheel and pressure arm assemblies between 2500 and 1700 models allows for use of two different size rope/chain combinations with either model.
- S1 Manual retrival.

3 YEAR WARRANTY



SPECIFICATIONS

Model	RC1700 12V	RC1700 24V	RC2500 12V	RC2500 24V
List price	$5,495	$5,495	$5,995	$5,995
Motor	1000W	1000W	1200W	1500W
Gearbox	60:1	60:1	60:1	60:1
Solenoid	12V	24V	12V	24V
Breaker	135Amp	80Amp	135Amp	80Amp
Max. Pull	1700lbs	1700lbs	2500lbs	2500lbs
Chain speed*	62ft/min	75ft/min	66ft/min	56ft/min
Rope speed*	59ft/min	66ft/min	49ft/min	36ft/min
Rope size ** (Nylon)	16mm or 5/8" 3 strand or 8 plait (recommended)	16mm or 5/8" 3 strand or 8 plait (recommended)	20mm or 3/4" 3 strand or 8 plait (recommended)	20mm or 3/4" 3 strand or 8 plait (recommended)
Chain size **	8mm or 5/16"	8mm or 5/16"	10mm or 3/8"	10mm or 3/8"

*at 100kg load

LIGHT DISPLACEMENT - A vessel which is relatively light in weight compared to its overall length
HEAVY DISPLACEMENT - A vessel which is relatively heavy in weight compared to its overall length
Note: This chart serves only as a basic guide to assist selecting the appropriate anchor winch system. If in doubt, please contact your nearest Maxwell office for additional information.

Powerwinch Anchor Windlasses



Powerwinch 24' Pontoon Boat 24 Anchor Windlass
Great anchor winch for boats up to 24'. Frame: Powdercoated steel. Case: ABS with UV inhibitors. Retrieval speed 80'/minute. Lifts river and lake anchors up to 32 lbs. Automatically retrieves and spools the anchor line. 12 volt operating power with 15 amp circuit breaker. Instalaltion kit includes: 20' of red 10 gauge wire and 30' of black 10 gauge wire. Comes with integrated davit and 100' of 3/16" line.

554070 (P77724) **$260.95 F**



Powerwinch Deck Mate 19 Anchor Windlass
Powerwinch's newest anchor winch, the Deck Mate 19 has it all. It combines the best aspects of both the Pan Fisherman and the Bass Boat Class 20, and it is available in one small affordable unit. The Deck Mate 19 is ideal for Bass Boats, Pontoon Boats and Deck Boats. Retrieval speed of 70'/minute. Quickly retrieves river and mushroom anchors up to 25 lbs. Power-up/power-down help-operated anchoring. For boats up to 19'. Max. pull of 100 lbs.

554050 (P77719) **$199.95 F**

Minn Kota DeckHand™ Electric Anchor Winches

Automatically raise or lower your anchor at the touch of a button. Special anti-drag system senses bottom to allow for controlled drifting. Then, at the touch of a button, lock the winch to prevent drifting.

DeckHand™ 40 (DH-40) Electric Anchor Winch
40 lbs. anchor capacity. Pre-spooled with 100 feet of 800 lbs. test nylon rope. Universal davit stows anchor horizontally, eliminating anchor swing. Davit mounts to base of DeckHand or in remote position on deck of boat. Mounting hole platform is compatible with other DeckHand models and MKA-16-02 PD/AP Quick Release Bracket. Anchor shackle allows for quick changes between anchors. 12 volt battery operation.

476089 (1810140) **$278.95 D**
476087 (1810150) Remote Switch **$49.95 E**

DeckHand™ 25 (DH-25) Electric Anchor Winches
25 lbs. anchor capacity. Pre-spooled with 60 feet of 800 lbs. test nylon rope. Stow and deploy switch integrated into base of the unit. Includes remote mountable anchor davit. Auto-drift feature automatically stops the motor when the anchor touches bottom. 12 volt battery operation.

476091 (1810125) **$208.95 D**
476095 (1810126) Includes 25' Corded Control Switch **$258.95 D**

DeckHand™ 15 (DH-15) Electric Anchor Winch
15 lbs. anchor capacity. Pre-spooled with 60 feet of 800 lbs. test nylon rope. Stow and deploy switch integrated into base of the unit. Auto-drift feature automatically stops the motor when the anchor touches bottom. 12 volt battery operation.

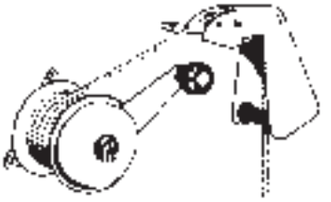
476093 (1810115) **$158.95 D**

DeckHand™ Pontoon Electric Anchor Winch
Complete anchoring kit designed for pontoon boats allows control of the winch from the helm as well as flexibility to remove the winch from the boat, leaving the deck clear. Includes: Standard **476089** (DH-40) anchor winch, MKA-16-02 quick release bracket, DH-40 corded remote accessory and MKR-12 quick connect plug.

476096 (1810141) **$337.95 D**



Worth Anchormate® Anchor Systems



Worth Anchormate® Anchor System
Heavy gauge steel with electrostatic powder coated paint finish. Self-lubricating nylon rollers. Simply turn the button to drop the anchor quickly, smoothly and silently. The free spooling reel stops anywhere you want. When reeling in, if the hand slips, the anchor and handle stops right there. When not in use, the line stores neatly on the reel and the anchor is held securely in the bow fixture. Holds 100' of 3/16" line. Black.

694263 (15036) **$111.95 H**



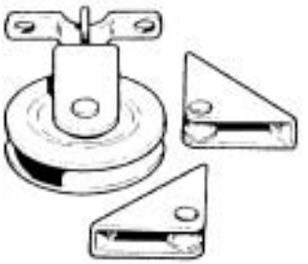
Worth Anchormate® II Anchor System
Heavy gauge steel with electrostatic powder coated paint finish. Designed for heavier anchors on larger boats. Self-lubricating nylon rollers. Features the same ease and safety in anchoring as the original Anchormate. Turn the control button to drop anchor quickly and silently. Reel in without worrying about the handle spinning if the hand slips. Comes with a safety chain for increased protection in rough or pounding waters. Holds 150' of 3/16" line. Black.

694287 (27536) **$174.95 H**

Worth Anchormate® ST Anchor System
Heavy gauge polished stainless steel. Designed for heavier anchors on larger boats. Self-lubricating nylon rollers. Features the same ease and safety in anchoring as the original Anchormate. Turn the control button to drop anchor quickly and silently. Reel in without worrying about the handle spinning if the hand slips. Comes with a safety chain for increased protection in rough or pounding waters. Holds 150' of 3/16" line. Corrosion protection from saltwater and air. All metal parts are fabricated from stainless steel to eliminate any possibility of rust or corrosion regardless of climate conditions.

694300 (38500) **$261.95 H**

Worth Anchormate® Accessories



Worth Anchormate® Swivel Pulley/Line Guides
Can be used in virtually any installation. For use with up to 1/4" anchor line, they are made of stainless steel with nylon sheaves to resist wear and corrosion. Includes: (1) swivel pulley and (2) line guides in the set.

694265 (15100) **$13.95 H**



Worth Anchormate® Line Leveler Guide
Designed to feed line on to the center of the Anchormate reel, which prevents line from building up on either end of the spool. For use with up to 1/4" anchor line. Made of stainless steel with a nylon sheave. Fasteners (screws, bolts, etc.) NOT included.

694267 (15200) **$10.95 H**

Marpac Solid Braid Nylon Anchor Line with Hook



Marpac Solid Braid Nylon Anchor Line with Hook
Use as a replacement for Anchormate reels. 3/16" x 150'.

7-6440 **$15.95 F**

Attwood Lift 'n Lock Anchor Control

attwood



Attwood Lift 'n Lock™ Anchor Control
Economical zinc plate anchor lift. Nylon pulley system. Easy-to-use anchor lift and pulley system supports an anchor up to 20 lbs. with 1/4" to 7/16" diameter line (Sold separately). Steel sheave controls anchor from any position.

237746 (13700-3) **$8.95 H**

Attwood Anchor Rein™ Anchor Lift
Provides 32' of retractable, 1/4" braided, nylon anchor line neatly spooled on a spring-loaded reel. The entire reel mechanism is concealed in a protective canister which installs easily beneath the deck or gunwale, leaving only the Perma-Plated ZAMAK handle and stainless steel line ring exposed. When it's not in use, the handle serves as a convenient cleat. Loosen the handle to unreel the line, then tighten the handle to stop and lock the line at any point. Max. hull thickness: 1/2". Installation hole size: 1/2" diameter.

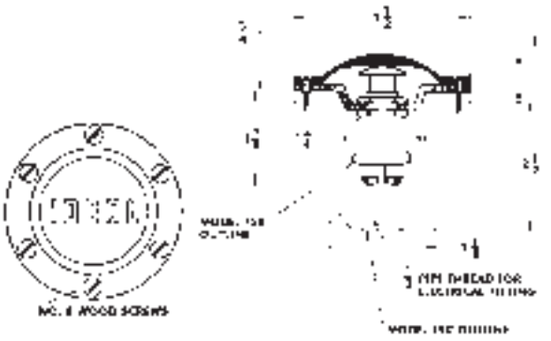
attwood



237747 (1025-7) **$99.95 H**

Ideal Waterproof Foot Switch

IDEAL



Ideal Single Pole
Momentary Contact Waterproof Foot Switch
Maximum current carrying capacity is 2 amps. For loads greater than this, a magnetic contactor or panel should be used to control the main line and this switch is used in the pilot circuit. Enables the operator to start and stop a windlass with his foot. Chrome plated bronze switch cover plate is 3-1/2" diameter on deck with black rubber waterproof switch cover. Used with any windlasses. Voltages up to 32V DC.

399762 (FSB) **$111.95 C**

T-H Marine Anchor Master™

T-H Marine



T-H Marine Anchor Master™
The ultimate anchor retriever. Utilizes all stainless steel hardware for a durable, noncorrosive system. Allows a boater to easily and safely retrieve the anchor. Eliminates all the hard work pulling up an anchor. Sold each. Standard pack 6.

639801 (AR-1) **$93.95 H**

Windline Anchor Roller

Windline



Windline Anchor Roller
For boats 28' - 48' with anchor platforms or bow planks and pivoting fluke anchors. Handles line up to 1-1/2" diameter and chain up to 1/2". Mounts in or under slot to hold anchor under bow plank

692108 (AR-5) **$71.95 E**

Marpac Stainless Steel Anchor Rollers



Marpac Anchor Roller with Nylon Roller
Stainless steel. Dimensions: 8-3/4" L x 2-5/8" W. 2" x 2" roller. Similar to Windline AR-7.

7-1536 **$45.95 F 3Q**



Marpac Anchor Roller
Electro polished stainless steel. Dimensions: 11" L x 2" W. 2" x 2" roller. Similar to Windline AR-3.

7-1535 **$61.95 F 3Q**



Marpac Narrow Anchor Roller
Electro polished stainless steel. Dimensions: 19-7/8" L x 3-1/8" W. 2-1/2" x 2-3/4" roller. For boats up to 35'. Similar to Windline CR-1.

7-1539 **$149.95 F 3Q**

Marpac Anchor Chain Stopper



Marpac Anchor Chain Stopper
Cast stainless steel. Base dimensions: 2-3/4" x 3-1/8". Height 2-7/16". Chain size: 1/4" - 3/8". Similar to Windline CS-1.

7-1540 **$51.95 F 3Q**



Marpac Self-Launching Anchor Roller
Electro polished stainless steel. Works great with Bruce or Delta style anchors. Nylon roller. 15″ long x 2″ mounting width.

7-1534 **$155.95 F 3Q**



Marpac Medium Anchor Roller
Electro polished stainless steel. Dimensions: 18" L x 3-1/2" W. 3" x 3" roller. For boats up to 35'. Similar to Windline URM-4.

7-1538 **$131.95 F 3Q**



Marpac Small Anchor Roller
Electro polished stainless steel. Dimensions: 15-1/4" L x 2-1/16" W. 1-3/4" x 2-1/2" roller. 1" line - 3/8" chain. Similar to Windline URM-2.

7-1537 **$65.95 F 3Q**

Marpac Anchor Chain Retainer



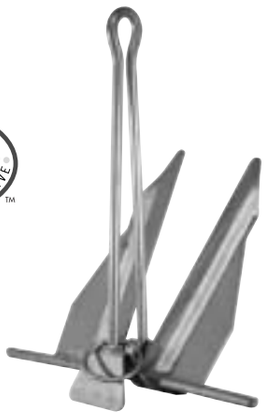
Marpac Anchor Chain Retainer
Electro polished marine grade stainless steel. Firmly holds chain up to 3/8″. A quick release pin securely locks the handle in place. Working load 700 lbs.

7-1541 **$33.95 F 3Q**

ANCHORS, HORNS, SAFETY

Marpac Slip Ring Anchors

NEW ITEM



Marpac Slip Ring Anchors

Hot dipped galvanized finish. Slip Ring design allows easy retrieval in snagging conditions.

7-2305	Size #5	For Boats: 10′ to 15′	**$14.95 H**
7-2306	Size #7	For Boats: 16′ to 19′	**$20.95 H**
7-2307	Size #10	For Boats: 20′ to 24′	**$27.95 H**
7-2308	Size #13	For Boats: 25′ to 28′	**$36.95 H**
7-2309	Size #15	For Boats: 29′ to 30′	**$40.95 H**

Marpac Rapid Set™ Anchors

NEW ITEM



Marpac Rapid Set™ Anchors

Hot dipped galvanized finish. Wide flukes grab fast and hold tight. Sits flat, easy to store and secure. Can be stored in most fluke type anchor storage devices.

7-2315	Size #2.5	For Boats: Up to 12′	**$8.95 F 3Q**
7-2316	Size #4	For Boats: 13′ to 16′	**$14.95 F 3Q**
7-2317	Size #8	For Boats: 17′ to 24′	**$24.95 F 3Q**
7-2318	Size #13	For Boats: 25′ to 30′	**$38.95 F 3Q**
7-2319	Size #18	For Boats: 31′ to 34′	**$55.95 F 3Q**
7-2320	Size #22	For Boats: 35′ to 38′	**$61.95 F 3Q**
7-2322	Size #40	For Boats: 39′ to 43′	**$108.95 F 3Q**
7-2323	Size #65	For Boats: 44′ to 53′	**$194.95 F 3Q**
7-2324	Size #85	For Boats: 54′ to 60′	**$240.95 F 3Q**

Super Hooker Anchors



Special Handling May Apply

Super Hooker Anchors

Hot dipped galvanized finish. These anchors have strong, wide flukes that penetrate quickly and firmly for maximum holding power. The fully welded crown configuration provides the right angles for ultimate holding power and secure penetration. Stows flat and can be used with most fluke type anchor storage systems.

656516	(95030) #2.5	Holding Power: 130 lbs.	**$19.95 H**
656528	(95035) #4	Holding Power: 240 lbs.	**$28.95 H**
656530	(95040) #8	Holding Power: 480 lbs.	**$33.95 H**
656542	(95045) #13	Holding Power: 740 lbs.	**$62.95 H**
656554	(95050) #18	Holding Power: 1,050 lbs.	**$72.95 H**
656566	(95055) #22	Holding Power: 1,300 lbs.	**$95.95 H**
656578	(95060) #40	Holding Power: 1,600 lbs.	**$242.95 H**
656579	(95065) #65	Holding Power: 2,400 lbs.	**$450.95 H**
656580	(95070) #85	Holding Power: 2,800 lbs.	**$624.95 H**

Danforth Hi-Tensile Anchors



Special Handling May Apply

Danforth Hi-Tensile Anchors

These are our toughest, most durable anchors and features very high holding power. The flukes are fabricated for additional strength and then beveled to allow quick, deep bottom penetration. Shanks made from drop forged steel. Hot dipped galvanized coating. **Note:** Holding power data is based on bottoms of medium consistency.

656299	(94020) 12 lbs.	Holding Power: 1,800 lbs.	**$257.95 G**
656302	(94021) 20 lbs.	Holding Power: 2,500 lbs.	**$362.95 G**
656314	(94022) 35 lbs.	Holding Power: 3,800 lbs.	**$580.95 G**
656338	(94024) 90 lbs.	Holding Power: 6,300 lbs.	**$1,509.95 G**
656340	(94025) 150 lbs.	Holding Power: 7,000 lbs.	**$3,244.95 G**
656352	(94026) 190 lbs.	Holding Power: 7,700 lbs.	**$3,614.95 G**

Anchors



DANFORTH®

Special Handling May Apply

Danforth Standard Anchors

It has the traditional good holding power which has always been associated with Danforth Standard Anchors. The shank is made of high strength steel. The steel flukes are strong and wide. Each anchor has a hot dipped galvanized coating for long lasting protection. **Note:** Holding power data is based on bottoms of medium consistency.

656186 (S300)	5 lbs.	Holding Power: 300 lbs.	**$35.95 G**
656198 (S600)	9 lbs.	Holding Power: 600 lbs.	**$56.95 G**
656201 (S920)	14 lbs.	Holding Power: 920 lbs.	**$86.95 G**
656213 (S1300)	16 lbs.	Holding Power: 1,300 lbs.	**$118.95 G**
656225 (S1600)	25 lbs.	Holding Power: 1,600 lbs.	**$148.95 G**
656237 (S2000)	43 lbs.	Holding Power: 2,000 lbs.	**$264.95 G**
656249 (S3000)	70 lbs.	Holding Power: 3,000 lbs.	**$459.95 G**
656251 (S3500)	100 lbs.	Holding Power: 3,500 lbs.	**$644.95 G**



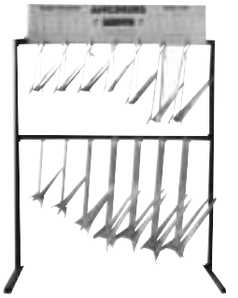
Guardian UTILITY ANCHORS

Guardian Marine Anchors

Precision-machined from an aluminum alloy that is as strong as steel, but only half the weight. Less machining steps than Fortress with 32° angle only and non-anodized finish. Easy to manage weight. Rustproof. An affordable alternative to heavy steel anchors. Can be disassembled. Easy to store.

514061 (G-5)	Boat Length 12-16'	**$53.95 E**
514063 (G-7)	Boat Length 17-22'	**$68.95 E**
514065 (G-11)	Boat Length 23-27'	**$94.95 E**
514067 (G-16)	Boat Length 28-33'	**$136.95 E**
514069 (G-23)	Boat Length 34-41'	**$215.95 E**
514073 (G-37)	Boat Length 42-47'	**$334.95 E**

Hooker ANCHORS



Hooker Anchor Display Stand

Your perfect silent salesman! Customers can quickly find their boat length on the header card and be directed to the correct anchor for their marine application. Displays 14 anchors. Easy assembly. Small foot print. Consumer information. PVC header card. Black powder coat finsh. Dimensions: 30" deep x 51" wide x 69" tall with header card.

656592 (94099) **$00.01 A**

Hooker ANCHORS



Hooker Quik-Set Anchor Kit

Kit includes: **656465** (95016) #10 anchor, 1 coil of 3/8" x 100 nylon anchor line with thimble, 1 coil of 1/4" x 4' galvanized anchor chain and two 5/16" shackles.

656467 (95090) **$97.95 H**

FORTRESS MARINE ANCHORS

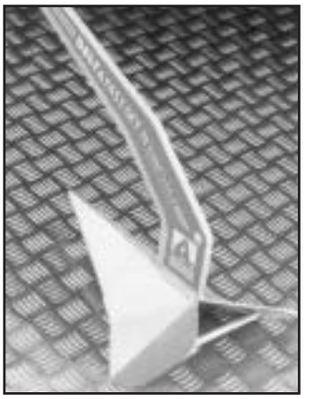


Fortress Marine Anchors

Precision-machined from an aluminum alloy that is as strong as steel, but only half the weight. Easy to manage weight. Rustproof. Sharper than heavy, dull-edged steel anchors. Will set faster and penetrate deeper into common sea bottoms for incredible holding power. Can be disassembled. Easy to store. Adjustable 32° to 45° fluke angle. Exclusive and patented feature which dramatically increases holding power in problem soft mud bottoms. Tough anodized finish. Corrision resistant. Sizes for boats up to 150'.

513982 (FX-7)	Boat Length 16-27'	**$131.95 E**
513994 (FX-11)	Boat Length 28-32'	**$176.95 E**
514009 (FX-16)	Boat Length 33-38'	**$254.95 E**
514011 (FX-23)	Boat Length 39-45'	**$401.95 E**
514023 (FX-37)	Boat Length 46-51'	**$596.95 E**
514035 (FX-55)	Boat Length 52-58'	**$871.95 E**
514047 (FX-85)	Boat Length 59-68'	**$1,338.95 E**
514059 (FX-125)	Boat Length 69-150'	**$1,960.95 E**

Anchors



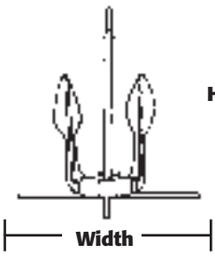
LEWMAR

Special Handling May Apply

Lewmar Delta Fast-Set Anchors

A reinforcing bar located near the end of the blades maintains precise geometry at high loads. The trip line attachment is positioned to assist easy retrieval in case of snags. The geometric design of the Delta blade provides absolute stability and high holding power. High grade manganese steel provides the Delta with maximum tensile and shear strength. The apex of the Delta has high stability ballasting for correct seabed orientation and optimum penetration. The fixing eye accommodates all universal chain and rope-end fittings.

554899	(SL0057406) 14#	For 1/4" or 6-7 mm Chain	**$129.95 D**
554902	(SL0057410) 22#	For 5/16" or 8 mm Chain	**$183.95 D**
554903	(SL0057416) 35#	For 5/16" or 8 mm Chain	**$258.95 D**
554904	(SL0057420) 44#	For 3/8" or 10 mm Chain	**$340.95 D**
554905	(SL0057425) 55#	For 3/8" or 10 mm Chain	**$447.95 D**



DMI #	Height	Width
216780	18"	14"
216792	18"	14"
216805	24"	17"

Claw Anchors - Galvanized Steel Shank and Stock

216780	(SC-12) Size 12	Galvanized Gray Iron Head	**$97.95 H 6K**
216792	(SC-12) Size 12	Silicon Bronze Head	**$176.95 H 6K**
216805	(SC-18) Size 18	Silicon Bronze Head	**$260.95 H 6K**



Grapnel™ Anchors

Hot dipped galvanized finish. Heavy duty prongs. Welded ring for trip line, making recovery easier.

216754	(G-5)	Size 5	**$27.95 H 6K**
216766	(G-8)	Size 8	**$44.95 H 6K**
216778	(G-12)	Size 12	**$66.95 H 6K**
216779	(G-18)	Size 18	**$99.95 H 6K**



Marpac EZ Launch™ Anchors

Self-launching design. Can be used with a trip line for easy retrieval when snagged. Designed for greater stability and holding power. Use with any universal chain and rope-end fittings.

7-2330	Size #14	**$74.95 F 3Q**
7-2331	Size #22	**$107.95 F 3Q**
7-2332	Size #35	**$161.95 F 3Q**
7-2333	Size #44	**$198.95 F 3Q**
7-2334	Size #55	**$244.95 F 3Q**



Marpac Grabber™ Anchors

Similar in design to the anchors used by oil rigs in the North Sea. Very effective under a wide variety of sea bed, tide and wind combinations. Works well with most bow rollers for easy storage. Sets and re-sets fast and easily.

7-2338	Size #11	For Boats: Up to 23'	**$37.95 D**
7-2339	Size #16.5	For Boats: Up to 30'	**$48.95 D**
7-2340	Size #22	For Boats: Up to 34'	**$65.95 D**
7-2341	Size #33	For Boats: Up to 40'	**$97.95 D**
7-2342	Size #44	For Boats: Up to 46'	**$125.95 D**
7-2343	Size #66	For Boats: Up to 56'	**$188.95 D**



Greenfield PVC Coated Slip Ring Mechanical Anchors

Made of solid steel, is self-releasing, lightweight, easy to store and coated in heavy mar resistant plastisol, which protects boat finishes. White.

656854	(699-6)	6 lbs.	**$43.95 G**
656850	(699-11)	11 lbs.	**$58.95 G**

Marpac Mushroom™ Anchors



Marpac Mushroom™ Anchors
Black vinyl coated. Ideal for rivers and lakes having gravel and stone bottoms.

7-0556	8 lbs.	**$13.95 E**
7-0557	10 lbs.	**$16.95 E**
7-0558	15 lbs.	**$24.95 E**

Marpac River™ Anchors



Marpac River™ Anchors
Black vinyl coated. A specially designed anchor that is ideal for anchoring on sand, weed, gravel or stone bottoms. Great for pontoon and bass boats. Recommended for strong current areas.

7-0560	12 lbs.	**$19.95 E**
7-0561	16 lbs.	**$25.95 E**
7-0562	18 lbs.	**$29.95 E**

Marpac Navy™ Anchors



Marpac Navy™ Anchors
Black vinyl coated. Ideal for rivers and lakes having gravel and stone bottoms. Really digs in and holds the minute it strikes bottom!

7-0552	10 lbs.	**$16.95 E**
7-0553	15 lbs.	**$24.95 E**
7-0554	20 lbs.	**$33.95 E**

Cajun Marsh Anchors



Cajun Marsh Anchors
Solid aluminum marsh anchor with shackle.

342025	(CMA1) 1″ Diameter x 72″	**$81.95 D**
342028	(CMA34) 3/4″ Diameter x 72″	**$67.95 D**

Kwik Tek Complete Folding Anchor System



Kwik Tek Complete Folding Anchor System
The 3-1/3 pound 4-fluke folding anchor will hold in mud, sand, gravel and rock. Designed for boats, sailboats, personal watercraft, inflatable boats, canoes and float tubes, the anchor is coated to protect finishes. The durable nylon storage case is padded for added protection and to dampen noise while the anchor is stowed. Fits under most boat seats, in PWC storage compartments, or in PWC storage canisters! The 25 ft. long marine-grade rope, with an in-line buoy, is spliced to the anchor and a heavy duty stainless steel snap hook.

586391 (A-2) **$35.95 F**

ANCHORS, HORNS, SAFETY

Jim-Buoy Sea Anchors

JIM-BUOY



Jim-Buoy Storm Sea Anchor

Manufactured from vinyl covered heavy nylon. Unmatched strength and durability. Will not rot or mildew. Stainless steel/galvanized fittings, nylon webbing. Diameter 36". Length 72". USCG approval #160.019/15/0.

267989 (929) **$420.48 H**

JIM-BUOY



Jim-Buoy Trolling Sea Anchors

Vinyl coated nylon trolling sea anchor with 1" polypropylene shroud liens (except #925). Easily collapsible for storage. Not for storm use. (No. 925 for use with Horseshoe Buoy).

267941 (925) Diameter 10" **$21.60 H**
267953 (926) Diameter 18" **$63.66 H**
267965 (927) Diameter 24" **$67.48 H**
267977 (928) Diameter 30" **$101.89 H**

Perko Anchor Chocks

Perko Fig. 903 Anchor Chocks

Burnished chrome plated bronze. This design is more streamlined, easier to install. Consists of four parts (illustrated). Head of shank is held fast by slotted casting and thumbscrew. Uses #10 fasteners. Sold each per display pack. Standard pack 5.

543657 (903 DP1 BUR) **$117.95 H 5J**
544110 (903 DP2 BUR) **$117.95 H 5J**

543657 (903 DP1 BUR) Anchor Chock

Fortress: FX7-FX16. Danforth: H500, H960, H1500, S160, S300, S600, S920, S1300, VSB160, VSB13000, VSB1900, T570, T1200, T1800, T2500, T3000, D375, D750, D1150 and D1650.

544110 (903 DP2 BUR) Anchor Chock

Fortress: FX23-FX55. Danforth: H1800, H3100, H3600, D2000, D2500, S1600, S2000, S3000, VSB2500, VSB3600, T4000, T6000 and T7000.

PERKO



Marpac Anchor Connectors with Swivel

Marpac Anchor Connectors with Swivel

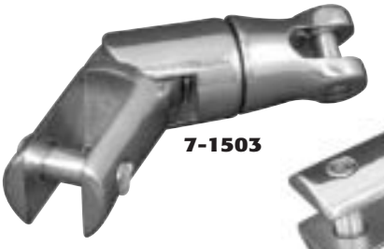
Stainless steel. With an anchor connector swivel attached to the anchor it is impossible for the chain to get twisted. The oval shaped joint allows perfect sliding of the anchor through the roller with no risk of damaging any components.

Breaking load 5,500 lbs. Chain size: 1/4" - 5/16".
7-1501 **$24.95 F 3Q**

Chain size: 3/8" - 1/2".
7-1502 **$39.95 F 3Q**

Deluxe swivel with double knuckle design. Chain size: 1/4" - 5/16".
7-1503 **$33.95 F 3Q**

marpac THE AFFORDABLE ALTERNATIVE™



7-1503



7-1502

Anchor Rodes



Marpac Premium Anchor Rodes

Includes: A stainless steel swivel, that makes it difficult for the chain to get twisted. Special 8 plait rope eliminates all hockling and kinking and reduces the risk of jamming the windlass gypsy. Rope resists stiffening with age and enables 50% more line in the locker. Each rode comes with high test G4 chain.

7-6450	10′ - 1/4″ G4 Chain	125′ - 1/2″ Line	**$268.95 D**
7-6451	10′ - 1/4″ G4 Chain	200′ - 1/2″ Line	**$366.95 D**
7-6452	15′ - 5/16″ G4 Chain	200′ - 5/8″ Line	**$502.95 D**
7-6453	15′ - 1/4″ G4 Chain	300′ - 1/2″ Line	**$534.95 D**

LEWMAR

BETTER



Lewmar G4 Anchor Rodes

Made with G4 chain. Available in 5 sizes.

556122	(69000331)	5′ - 1/4″ G4 Chain	100′ - 1/2″ Line	**$158.95 D**
556134	(69000332)	10′ - 1/4″ G4 Chain	150′ - 1/2″ Line	**$201.95 D**
556146	(69000334)	15′ - 1/4″ G4 Chain	200′ - 1/2″ Line	**$295.95 D**
556158	(69000335)	15′ - 1/4″ G4 Chain	300′ - 1/2″ Line	**$402.95 D**
556160	(69000339)	20′ - 5/16″ G4 Chain	200′ - 9/16″ Line	**$360.95 D**

GOOD

Custom Rodes Available Special Order



Marpac Anchor Rodes

Marpac anchor rodes are made from specially treated 3-strand windlass grade nylon rope that remains flexible even with constant exposure to sun and salt water, as well as high test, hot dipped galvanized chain. A tapered back splice is used for a smooth transition from rope to chain.

Chain size: 1/4". Rope size: 1/2".

7-6455	Chain: 10'	Rope: 150'	Rode: 160'	**$115.95 D**
7-6456	Chain: 15'	Rope: 200'	Rode: 215'	**$164.95 D**
7-6457	Chain: 15'	Rope: 300'	Rode: 315'	**$221.95 D**

Chain size: 5/16". Rope size: 9/16".

7-6460	Chain: 15'	Rope: 150'	Rode: 165'	**$173.95 D**
7-6461	Chain: 20'	Rope: 200'	Rode: 220'	**$221.95 D**

Anchor Line



Gold Braid Nylon Anchor Line

100% nylon with spliced-in galvanized thimble in one end. Actually two ropes combined into a single, double-braided, extremely strong line. Won't kink, hockle or rotate under load and is resistant to rot, abrasion, mildew and marine growth.

702616	(GA-08150-26) 1/2"	Length 150'	**$99.95 F**

Twisted Nylon Anchor Line

100% 4-stage nylon with spliced-in nylon thimble in one end. Strong, rot and abrasion resistant lines that absorb shock loads to protect boats and fittings. Not damaged by mildew or marine growth. Can be stowed wet.



702490	(37296) 3/8"	Length 50'	**$13.95 F**
702506	(11089) 3/8"	Length 100'	**$21.95 F**
702519	(11090) 3/8"	Length 150'	**$30.95 F**
702520	(23026) 1/2"	Length 100'	**$43.95 F**
702522	(11091) 1/2"	Length 150'	**$63.95 F**
702535	(11092) 1/2"	Length 200'	**$84.95 F**
702540	(11762) 1/2"	Length 250'	**$103.95 F**
702548	(11763) 5/8"	Length 250'	**$169.95 F**
702551	(11764) 5/8"	Length 300'	**$203.95 F**

Anchor Chain



Marpac Vinyl Coated Anchor Chain
Vinyl coated hot dipped galvanized.

7-0595	3/16"	Length 4'	**$13.95 F 3Q**
7-0596	1/4"	Length 4'	**$17.95 F 3Q**
7-0598	5/16"	Length 5'	**$25.95 F 3Q**
7-0599	3/8"	Length 6'	**$41.95 F 3Q**



Marpac Galvanized Anchor Chain
Hot dipped galvanized with elongated end links.

7-0729	3/16"	Length 4'	**$6.49 F 3Q**
7-0731	5/16"	Length 5'	**$12.95 F 3Q**
7-0732	1/4"	Length 4'	**$8.95 F 3Q**
7-0733	3/8"	Length 6'	**$22.95 F 3Q**



Special Handling May Apply

Proof - Coil Galvanized Chain - Pail
Hot dipped galvanized proof coil welded chain. Sold in 5 gallon buckets.

271391	3/16"	Length 250'	**$223.95 G**
271393	1/4"	Length 141'	**$197.95 G**
271395	5/16"	Length 92'	**$166.95 G**
271397	3/8"	Length 63'	**$180.95 G**



Greenfield Vinyl Coated Anchor Chain
Vinyl coated hot dipped galvanized. Black

656873	(2115-B) 1/4"	Length 4'	**$22.95 G**



Marpac Stainless Steel Anchor Chain
Marine grade 316 stainless steel with oversize end links. Includes: Two marine grade stainless steel anchor shackles.

7-1510	1/4"	Length 4'	**$45.95 F 3Q**
7-1520	5/16"	Length 5'	**$66.95 F 3Q**
7-1530	3/8"	Length 6'	**$135.95 F 3Q**

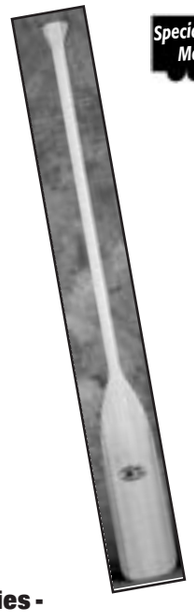


Special Handling May Apply

Proof - Coil Galvanized Chain - Drum

617588	1/8"	Length 1,000'	**$217.95 B**
617603	3/16"	Length 800'	**$419.95 B**
617627	1/4"	Length 400'	**$328.95 B**
617641	5/16"	Length 275'	**$287.95 B**
617665	3/8"	Length 200'	**$332.95 B**
617694	1/2"	Length 200' - Medium Link	**$546.95 B**

Paddles

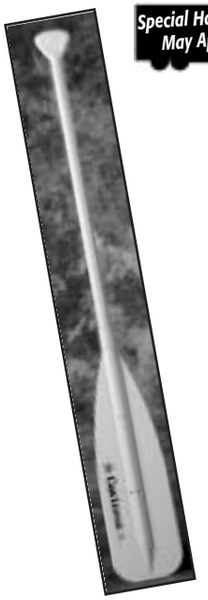


Special Handling May Apply

BP Series - Economy/Laminated Paddles

The BP Series is an economical laminated paddle. Handles and blades are strong and sturdy for long life. Standard box 12.

232633	(BP30)	3'	**$13.95 F 6Q**
232657	(BP40)	4'	**$18.95 F 6Q**
232669	(BP45)	4.5'	**$20.95 F 6Q**
232671	(BP50)	5'	**$21.95 F 6Q**
232708	(BP60)	6'	**$28.95 F 6Q**



Special Handling May Apply

SP Series - Economy/Plastic Paddles

The SP Synthetic Paddle has a comfortable palm grip, fully plastic clad aluminum shaft and fully aluminum reinforced high impact plastic blade. Standard box 12.

232835	(SP40)	4' Beige	**$23.95 F 6Q**
232746	(SP40)	4' Olive Green	**$23.95 F**
232859	(SP50)	5' Beige	**$25.95 F 6Q**

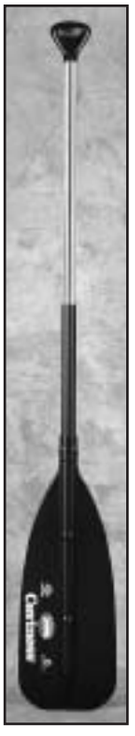


Special Handling May Apply

Economy Wood Paddles

Economical, laminated wood paddle with a comfortable plastic palm grip.

232710	(SGR30)	3'	**$10.95 F**
232712	(SGR35)	3-1/2'	**$12.95 F**
232714	(SGR40)	4'	**$14.95 F**
232716	(SGR45)	4-1/2'	**$16.95 F**
232718	(SGR50)	5'	**$17.95 F**



Special Handling May Apply

Synthetic Paddles

The shaft is made of super strong, lightweight, silver anodized aluminum that extends fully into the high impact plastic blade's length for internal reinforcement. Each shaft is partially clad around normal hand position with a full 1/16" wall of plastic for extra comfort and better grip. Palm grip. Black.

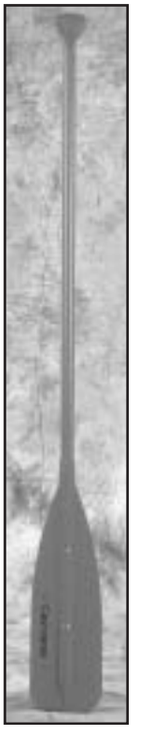
232948	(440B-P)	4'	**$16.95 F**
232962	(450B-P)	5'	**$17.95 F**

Special Handling May Apply

Neon Orange Paddles

It has our comfortable palm grip, fully plastic clad aluminum shaft, and fully aluminum reinforced high impact plastic blade. 6-1/8" blade.

272330	(SP40NO)	4'	**$23.95 H**
272333	(SP50NO)	5'	**$25.95 H**



Synthetic Paddle



JP Series - Synthetic Paddle

Because of its size and takedown feature, it is perfect for stowing under the seat of most personal watercraft vehicles. Ideal for meeting Coast Guard regulations. Approximately 34-1/2" in length assembled and 20" disassembled. The JP Synthetic Paddle has a fully aluminum reinforced high impact plastic blade, super strong aluminum shaft fully clad with a 1/16" wall of black plastic.

233229 (JP30) 3' **$21.95 F**

Marpac Telescoping Paddle



Marpac Telescoping Paddle

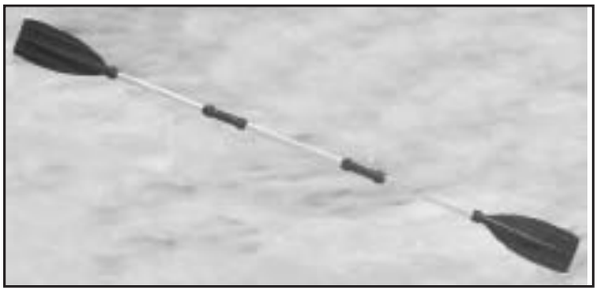
These lightweight paddles adjust easily to variable lengths with a simple twist. A section of the aluminum shaft disappears inside the blade to allow for compact storage under boat seats or in PWC storage compartments. The corrosion-resistant aluminum shaft, high-impact molded blade and boat hook handle, and hassle-free locking device ensure years of service. The bright orange blade is great for signaling in emergencies. For low profile boats and PWCs.

7-0603 20" - 45" L **$12.95 F**

Kwik Tek Kayak Paddle

3 section aluminum paddle.

586405 (AHTK-P1) **$17.95 F**



Oars



Special Handling May Apply

Model 0400 Economy Plastic/Aluminum Oar

The Model 0400 Synthetic Oar is available with a fully aluminum reinforced high impact black, super strong, silver anodized aluminum shaft and a red Power Grip. Sold per pair.

232570 (0460) 6' **$85.95 F**

Special Handling May Apply

Wooden Oars

Select wood, great balance and excellent workmanship. Varnished with two coats of the finest varnish. Available in lengths 5 feet through 8 feet. Sold per pair.

232594 (BW50) 5' **$66.95 F**
232607 (BW60) 6' **$79.95 F**
232619 (BW70) 7' **$94.95 F**
232621 (BW80) 8' **$146.95 F**



Attwood Clamp-On Oarlock



Attwood Clamp-On Oarlock
Zinc plated steel resists rust. Oarlock fastens securely to oar with one adjustable bolt. No drilling required. Shank 1/2″ diameter x 2″. Sold per pair.

237748 (9146-3) **$12.95 H**

Perko Rowlock Horns



Perko Fig. 1262
Ribbed Type Rowlock Horn
Chrome plated zinc. Shank OD 1/2". Shank length 1-3/4". Between horns 1-3/4". Sold per pair per skin packed card.

533871 (1262 DP0 CHR) **$18.95 H 10J**



Perko Fig. 1267
Round Type Rowlock Horn
Chrome plated zinc. Shank OD 1/2". Shank length 1-3/4". Horn ID 2". Sold per pair per skin packed card.

533946 (1267 DP0 CHR) **$19.95 H**



Perko Fig. 1227
North River Type Rowlock Horn
Chrome plated zinc. Shank OD 1/2". Shank length 1-3/4". Between horns 1-3/4". Sold per pair per skin packed card.

533578 (1227 DP0 CHR) **$22.95 H**

Perko Rowlock Sockets



Perko Fig. 1185
Top Mount Rowlock Socket
Chrome plated zinc. Black plastic bearings. Length 2-7/8". Width 1-1/8". Depth 1-1/8". Uses #10 fasteners. Sold per pair per skin packed card. Standard pack 10.

533009 (1185 DP0 CHR) **$17.95 H**



Perko Fig. 1186
Edge Mount Rowlock Socket
Chrome plated zinc. Black plastic bearings. Length 4". Width 7/8". Depth 1-1/8". Uses #10 fasteners. Sold per pair per skin packed card. Standard pack 10.

533011 (1186 DP0 CHR) **$25.95 H**



Perko Fig. 1187
Side Mount Rowlock Socket
Chrome plated zinc. Black plastic bearings. Length 4". Depth 1-1/4". Uses #10 fasteners. Sold per pair per skin packed card. Standard pack 10.

533023 (1187 DP0 CHR) **$24.95 H**

Perko Fog Bells

Note: The Perko 8" and 12" Fog Bells listed on this page have been reviewed by the U.S.C.G. and comply with C.G. 169 Regulations for sound signal appliances as required by Annex III Paragraph 2 of the '72 COLREGS. The Perko 8" size is for use on vessels under 20 meters (65.6 ft.) in length. The Perko 12" size is for use on vessels of any length.



Perko Fig. 420 Fog Bell
Polished cast bronze. Medium weight. Removable. A bulkhead bracket allows easy removal. Bottom diameter 6". Overall height 5". Uses #8 fasteners. 4.1 lbs.

538390 (420 006 POL) **$485.95 H**



Perko Fig. 150 Fog Bell
Polished cast bronze. Heavy weight. Removable. Bottom diameter 8". Overall height 8". Meets requirements for use on vessels under 20 meters (65.6 ft.) in length. Uses 1/4" fasteners. 9.3 lbs.

534811 (150 008 POL) **$1,150 .95 H**



Perko Fig. 179 Fog Bell
Plain wrought brass. Light weight. Fixed mounting. Bottom diameter 12". Overall height 8". Meets requirements for use on vessels of any length. Uses #12 fasteners. 7.5 lbs.

535332 (179 012 PLB) **$480.95 F**



Perko Fig. 158 Fog Bell
Plain bronze. Heavy weight. Fixed mounting. Bottom diameter 12". Overall height 12". Meets requirements for use on vessels of any length. Uses 1/4" fasteners. 31 lbs.

535041 (158 012 PLB) **$2,625.95 H**

Ship's Bells



Ship's Bells
These are the highest quality cast solid brass bells. Complete with bracket.

215079	Diameter 6"	Chrome	**$10.95 F 3Q**
215118	Diameter 8"	Chrome	**$66.95 F 3Q**
215067	Diameter 6"	Polished Brass	**$36.95 F 3Q**
215106	Diameter 8"	Polished Brass	**$57.95 F 3Q**

FIAMM/Signaltone Horns



FIAMM/Signaltone
Airtone Stainless Steel Electric Horns

All stainless steel exterior construction for maximum weatherability. These American made horns are designed to complement the finest craft. All horns include projector supports for extra ruggedness. Length 15-1/2". Height 4-3/4". Single draws 4 amps. Twin draws 8 amps. 12 volt.

605177	(75490)	Single	Width 3-1/2"	**$70.95 F 2Q**
605202	(75510)	Twin	Width 7-1/2"	**$128.95 F**

Includes:
Compressor, 8' tubing, horn button and 10' of wiring.



FIAMM/Signaltone
Fultone II Stainless Steel Air Horns - Twin

Twin air horn is the result of a unique sound chamber design which provides increased sound intensity from low pressure air sources. Sleek self-mount styling features stainless steel trumpets with an anodized aluminum base and covers. Length 16". Height 4-1/8". Width 7-1/2". Includes: Compressor, 8' tubing, horn button and 10' of wiring.

605331	(62330)	12 volt	**$133.95 F 2Q**
605343	(62340)	24 volt	**$167.95 F**
605608	(08210)	12 volt Compressor Only	**$48.95 F**

Hidden Horns



Marpac Hidden Horn with Stainless Steel Cover

The Gore-Tex sealed grill lets the sound out and keeps water from coming in. The small design is for easy mounting, measures just 2-5/8" W x 4-1/2" L x 1-3/4" D. Made for use on vessels up to 39', the horn meets ABYC A-23. db(A) rating 106-108 at 1 meter. Includes: Stainless steel cover and (2) wire leads. 12 volt.

7-0065 **$43.95 F 3Q**



Aqua Signal Electronic Hidden Horn

This white, under-deck hidden horn is designed for vessels under 12 meters. Each unit is completely sealed and comes with a waterproof gasket, while the openings are sealed with Gore-Tex to let sound out but prevent water from coming in. Single horn draws less than 1/2 amp and is easily installed in a standard 2-1/4" cut-out. Dimensions: 4-3/8" L x 2-5/8" W x 1-3/4" D. 12 volt.

207068 (84101-7) **$39.95 G**



AFI Drop-In Hidden Horn with Grills

Comes with both black ABS and white ASA screw-in grills. Grills have water resistant fabric liners. Mounts from the outside, grill screws on for easy install. New louder dB(A) rating: 111 dB at one meter. Maximum amp draw: 4 amps. Installation: 2-3/4" diameter hole x 1" deep. 12 volt.

605658 (10080) **$55.95 G**



FIAMM/Signaltone 519 Series Hidden Horn

FIAMM/Signaltone's most popular horn for new boat construction. Easy to install and mounts from outside the boat. Includes: Horn, water resistant liner and stainless steel grill. 6 amp (max.) current draw. 12 volt.

605139 (5190511) **$23.95 F**

FIAMM/Signaltone Compact Horns



FIAMM/Signaltone Compact Electric Trumpet Horn
AM-80S low note horn for a clear crisp sound. Compact, lightweight and powerful. May be used as replacement on FIAMM/Signaltone 518 Series hidden horns or as a stand-alone horn. Includes universal mounting bracket. Dimensions: 3-7/8" L x 3-3/4" W x 3-1/2" H. Draws 5 amps. 12 volt.

605050 (72211) **$9.95 F**



FIAMM/Signaltone Above Deck Mini Horn - Single
A sleek mini compact horn with stainless steel motor cover. For use in extreme weather exposure locations and limited space applications. Single draws 4 amps. Complete with mounting pad and wire harness. Dimensions: 3-1/2" L x 3-1/4" W x 2-5/16" H. 12 volt.

605111 (74300-13) **$17.95 F 2Q**

AFI Mini Compact Electric Horns



AFI Mini Compact Electric Horn
Type 304 stainless steel covers, diaphragms and mounting bracket. dB(A) rating: 106 dB at one meter. Maximum amp draw: 3 amps. Fundamental frequency: 440±20. Dimensions: 3″ L x 3-1/4″ W x 1-3/4″ H.

605646 (10035) **$24.95 G**



AFI Mini Compact Electric Twin Horn
Type 304 stainless steel covers, diaphragms and mounting bracket. dB(A) rating: 109 at one meter. Maximum amp draw: 6 amps. Fundamental frequency: 490. Dimensions: 3″ L x 8″ W x 1-3/4″ H.

378909 (10001) **$48.95 F**



AFI Mini Blast Compact Electric Horn - White
Long lasting, non-corrosive ASA white plastic cover. dB(A) rating: 106 dB at one meter. Maximum amp draw: 3 amps. Sealed sound unit with stainless steel diaphragm. Fundamental frequency: 440±20. Meets ABYC A23 and NMMA type accepted. Dimensions: 3-3/8" W x 2" H x 4-3/8" L.

605610 (10099) **$23.95 F**

ANCHORS, HORNS, SAFETY

Kahlenberg Air Horns



Kahlenberg Heavy Duty Marine Air Horns

Model S Signal Trumpet Horns. Manufactured of cast bronze and spun brass. Regular, without valve. With a fundamental frequency of 266 Hz & sound pressure level over 132 dB, this air horn is designed for use on vessels up to 75 meters in length.

430431 (S1)	Diaphragm 5"	**$711.95 B**
430443 (S2)	Diaphragm 6-3/8"	**$896.95 B**

Model D Dual Trumpet Horns. Manufactured of cast bronze and spun brass. Regular, without valve. Producing 266 Hz and 212 Hz frequencies simultaneously, the D2 has a unique 'Chimetone" sound. Intended for use on vessels less than 75 meters long. Diaphragm 6-3/8".

430380 (D2)		**$1,692.95 B**
430392 (D2-CVL)	w/Synchronized Valve & Flashing Light - 110V Solenoid	**$3,057.95 B**



Kahlenberg Zero Series Air Horns

For use on vessels 20 meters in length. All horn castings are of accurately machined bronze, while horn projectors are spun brass. Brass finish. Frequency: 322 Hz. Sound pressure level: 122.9 dB. Air pressure required: 50 to 200 psi.

430402 (S-OA)	Length 17"	**$324.95 H**
430405 (SV-OA)	Length 20"	**$324.95 H**

Accessories

430417 (PO26-64)	Bracket	**$66.95 H**

Kahlenberg Heavy Duty Quad Chrome Air Horn

Call for Prices and Delivery



Complete Line of Kahlenberg Horns Available





Kahlenberg Electric/Manual Combination Valve

430271 (V-150AL)	3/8" NPT	**$432.95 B**

Kahlenberg Electric Solenoid Valves

430269 (V-150)	3/8" NPT	110V	**$290.95 B**
430270 (V-150B)	5/8" NPT	24V DC	**$290.95 B**
430276 (V-151)	1/2" NPT	24V DC	**$290.95 B**

Kahlenberg Manual Valves

430291 (V-11)	1/4" NPT	**$110.95 B**
430304 (V-12)	3/8" NPT	**$122.95 B**
430316 (V-13)	1/2" NPT	**$145.95 B**

NEW ITEM

Kahlenberg At Will Manual Control Switch

Push button. Console mount, interior.
Type: Momentary N.O. poles circuit: SPST, 10A rated contacts. Maximum: 500 volts @ 2 amps.



430285 (WPB-19220) **$77.95 A**

Kahlenberg Push Button Switch

Cast bronze waterproof. Suitable for "at will" control of solenoid operated whistle valves wherever electrical whistle control is used. Tapped one way for 1/2" conduit connection. 3 contact.

430280 (M-132) **$345.95 A**

Kahlenberg Pneumatic Switch

430289 (V-100) **$109.95 B**

Kahlenberg Signal Controller

This controller automate signaling in restricted visibility for improved safety at sea. Both light and sound signals can be automated for restricted visibility (USCG Rule 35). Maneuvering codes (USCG Rule 34), and SOLAS General Alarm Code are also included.

430484 (M-511A) **$1,400.95 A**

Kahlenberg Spare Diaphragms

430330 (P28-5)	5"	**$41.95 B**
430342 (P28-6)	6-3/8"	**$53.95 B**
430354 (P28-8)	8"	**$74.95 B**

Buell Air Horns



Buell Air Horns
Low pressure single note air horns with tremendous power...operates on 50-150 PSI. They are constructed entirely of brass and bronze with hand spun brass bells and a stainless steel diaphragm. Heavily chrome plated for saltwater use.

265365 (1061) Length 10" **$259.95 H**
265377 (1062) Length 12" **$262.95 H**
265389 (1063) Length 15" **$265.95 H**
265391 (1064) Length 18" **$268.95 H**

Buell Horn Duplex Bracket
Combine Buell single note horns with a horn bracket to produce a distinctive, powerful signal - a beautifully blended musical chord. Brass construction with chrome finish. A mounting kit consisting of gaskets, stainless steel mounting screws, lockwashers and tube fitting is included.

265428 (1085) **$78.95 E**

Buell Replacement Parts for Buell Air Horns
265404 (1068) Gasket **$0.95 E**
265416 (1069) Diaphragm **$3.95 E**

Buell Self-Powered Horn



Buell Self-Powered Horn
Buell quality, Buell tone…in a manual horn. Delivers deep-toned signal from 22" band instrument bell. Operating handle may be rigged for remote control with line from cabin or cockpit. A stand-by signal in power failures. Brass with heavy chrome plate for saltwater use.

265531 (5400) **$463.95 F**

Buell Air Tanks



Buell Air Tank
Safe, durable air tank is made of steel, welded construction with a gray paint finish. Comes complete with fitted steel straps and brass tubing fittings for easy mounting.

265505 (2242) Capacity: 3 Gallons 6" x 25" **$124.95 G**

Buell Air Compressor



Buell Air Compressor - Moderate Duty
Oil-less air compressors mount in any position and have no outside moving parts. The automatic pressure switch maintains air pressure levels. Easy to install, durable and maintenance-free. 125 psi. 18 amps. 1.1 CFM. Dimensions: 8.5" L x 4" W x 7" H. 12 volt.

265534 (5440) **$538.95 F**

Buell Valves



Buell Manual Air Valve
Manual air valve. Brass body. 1/8" NPT ports.

265454 (2040) **$48.95 E**

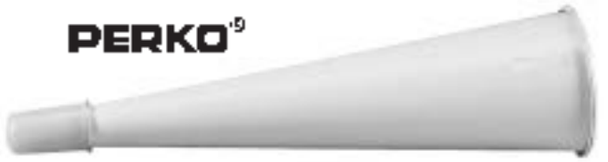
Buell Electric Solenoid Valve
Use electric solenoid valves for remote control of air horns. 1/4" NPT ports and molded coil. Intermittent duty - not rated for continuous duty. 12 volt.

265466 (42076) **$66.95 E**

ANCHORS, HORNS, SAFETY

DONOVAN 2009

Perko Fog Horn



Perko Fig. 162 Fog Horn

Aluminum with white baked enamel finish. Nylon mouthpiece. Lightweight fog horn that is attractive and practical. Use as emergency back up. Length 12-1/2". **Note:** Conform to A.B.Y.C. Standard A-23 in Accordance with the '72 COLREGS and U.S. Inland Rules for Use on Vessels Under 5 Meters (16.4') in Length. Sold each per poly bag. Standard pack 10.

535142 (162 DP WHT) **$26.95 H 5J**

Marine Whistles



Perko Fig. 349 Ball Type Whistle

Orange plastic. Length 2-1/4". Width 3/4". **Note:** Conform to A.B.Y.C. Standard A-23 in Accordance with the '72 COLREGS and U.S. Inland Rules for Use on Vessels Under 5 Meters (16.4') in Length. Sold each per display pack. Standard pack 10.

531496 (349 DP) **$3.95 H**



Marpac Police Style Whistle

International Orange plastic. Length 2-3/8". Includes: Ring for lanyard.

7-0240 **$1.95 F 3Q**



Airhead Safety Whistle

An audible signal device is required on boats and PWC in most states. This high pitch, pearless whistle clips onto your life jacket or safety lanyard. Doubles as a floating key chain.

598409 (W-1) Purple/Yellow **$3.95 F**



Datrex Whistle

Accepted by USCG for life jackets, liferafts, lifeboats and exposure suits. Meets requirements of 46 CFR 94.42-5 and SOLAS.

200335 (BH0276M) **$3.15 G 100H**

Falcon Signal Horns - Non-Flammable



Falcon SuperSound Signal Horn

The mini-horn with the maximum sound. Just a touch of your thumb produces a piercing blast that can be heard up to a half-mile over land and a mile over water. Palm-size convenience with umlimited uses from casual small craft signaling to personal protection. 100% ozone-safe - non-flammable. Compact - only 4-1/2" tall. Stainless steel, non-corrosive diaphragm. Guaranteed unbreakable. Meets USCG recommendations for boats up to 39'.

811960 (SH3) 1.5 oz. **$15.95 H**



Falcon Push Button Signal Horns

100% ozone-safe - non-flammable. Removable horn for easy storage. Guaranteed unbreakable.

811988 (PBSHN) 8 oz. Recommended f/Boats up to 65' **$18.95 H**
812077 (PBNJC) 3.5 oz. Recommended f/Boats up to 39' **$14.95 H**

Refill Canister for **811988** (PBSHN) Signal Horn
812075 (PBSHNR) **$12.95 H**

Marpac Boating Emergency Pack





Marpac Boating Emergency Pack
Consists of 3 distinct compartments. Designed to float. Constructed of durable nylon fabric. High visibility orange. Mold and mildew resistant. Includes: Coast Guard Safety Instruction.

7-0755 **$53.95 F 3Q**

Orion First Aid Kits



Orion Runabout Kit
Contains: (10) Adhesive strips, (1) X-large adhesive strips, (1) Knuckle bandages, (1) Fingertip bandages, (2) 3" gauze pads, (1) Adhesive tape, (6) First-aid/burn cream, (6) Antiseptic wipes, (3) Sting relief wipes, (6) Aspirin and (1) First aid instructions. Dimensions: 3-3/4" x 5" x 2".

339514 (RAK) **$12.95 F**



Orion Fish 'N Ski Kit
Contains: (20) Adhesive strips, (2) X-large adhesive strips, (2) Knuckle bandages, (2) Fingertip bandages, (2) 3" gauze pads, (1) 2" gauze bandage, (1) Adhesive tape, (6) First-aid/burn cream, (10) Antiseptic wipes, (3) Sting relief wipes, (12) Aspirin, (12) Motion sickness tablets, and (1) First aid instructions. Dimensions: 6-5/8" x 5-1/2" x 2".

339519 (FNS) **$19.95 F**



Orion Weekender Kit
Includes a wall-mountable, waterproof plastic storage case for your vessel. Contains: (50) Adhesive strips, (5) X-large adhesive strips, (5) Knuckle bandages, (5) Fingertip bandages, (5) 3" gauze pads, (1) 4" gauze bandage, (2) Eye pads, (1) Adhesive tape, (6) First-aid/burn cream, (3) Antiseptic wipes, (6) Sting relief wipes, (2) Sunscreen packets, (10) Aspirin, (12) Motion sickness tablets, (1) Scissors, (1) Forceps, (1) First aid instructions and (2) Latex exam gloves. Dimensions: 5-1/2" x 8" x 2-3/4".

339526 (WEK) **$38.95 F**

ORION



339730



436421

Orion Life Raft First Aid Kit for Commercial Vessels
Designed to fit inflatable Liferafts. Packed in a waterproof, reusable pouch that meets all the U.S. Coast Guard requirements for waterproofing & salt water exposure. All the contents are individually boxed and sealed in waterproof bags. Meets the USCG requirement 46 CFR 160.54 for contents and construction. Contains 14 items, 108 pieces.

436421 (LRAFT) **$55.95 F**

Orion Life Boat First Aid Kit for Commercial Vessels
Our newest and most complete Commercial First Aid Kit is packed in waterproof, impact resistant polypropylene case that will not crack in severe cold conditions. This kit has been exposed to saltwater for 24 hours and submerged to ensure the case integrity, in the most severe conditions. The contents are individually boxed and packed in waterproof bags. Meets the USCG requirement 46 CFR 160.41 for contents and construction. Contains 14 items and 189 pieces.

339730 (LBOAT) **$97.95 F**



339530



339538

Orion Crusier Kit
Contains: (50) Adhesive strips, (5) X-large adhesive strips, (5) Knuckle bandages, (5) Fingertip bandages, (8) 3" gauze pads, (4) 4" gauze pads, (2) 2" gauze bandage, (1) 4" gauze bandage, (1) Large wound pad, (2) Eye pads, (1) Adhesive tape, (6) First-aid/burn cream, (30) Antiseptic wipes, (6) Sting relief wipes, (3) Sunscreen packets, (10) Aspirin, (12) Motion sickness tablets, (1) Triangular bandage, (1) Cold pack, (1) Scissors, (1) Forceps, (1) First aid instructions and (2) Latex exam gloves. Dimensions: 10-1/4" x 9-3/4" x 3".

339530 (CRK) **$56.95 F**

Orion Sportfisher Kit
Contains: (100) Adhesive strips, (5) X-large adhesive strips, (5) Knuckle bandages, (5) Fingertip bandages, (8) 3" gauze pads, (4) 4" gauze pads, (2) 2" gauze bandage, (1) 4" gauze bandage, (1) Large wound pad, (2) Eye pads, (1) Adhesive tape, (1) Eye flush, (12) First-aid/burn cream, (60) Antiseptic wipes, (6) Sting relief wipes, (3) Sunscreen packets, (10) Aspirin, (12) Motion sickness tablets, (1) Triangular bandage, (1) Cold pack, (1) Hook remover, (1) Scissors, (1) Forceps, (1) First aid instructions and (2) Latex exam gloves. Dimensions: 10-1/4" x 9-3/4" x 3".

339538 (SFK) **$75.95 F**

Line Throwing Kits



436105

DATREX



436128



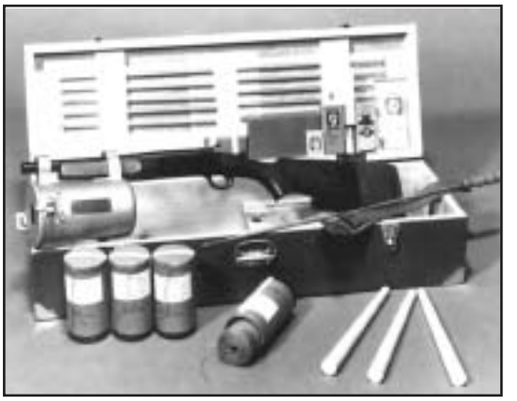
436116

Special Handling May Apply

Datrex Ikaros Line, Complete Line Thrower

Self-contained portable line throwing appliance incorporating integral rocket and igniter. For connection between ships, from shore to ship or ship to shore. Projects a line 300 meters in calm weather. Length of line: 300 meters. Line diameter: .16". Line strength: 2,300 newtons. Dimensions of container: 13.6" x 9.2". Four units per ship required. USCG approval #160.040/9/0. Meets SOLAS 74/83 requirements.

436105	(CI3461P)	**$599.00 E**
436116	(CI3462P) Replacement Rocket w/Integral Igniter	**$299.00 E**
436128	(CI3463P) Buoyant Head (2 per Ship Set Required) For USCG Approval	**$113.33 E**



Special Handling May Apply

"Bridger" Shoulder Line Throwing Gun Kit

Each line throwing gun is supplied with the following material: Wooden gun box with solid brass hardware, (10) brass projectiles, (4) nylon shot lines (600 ft. each), (1) aerometal canister, (3) rewinding spindles, (25) blank cartridges heavy loads, (1) can gun oil, (1) cleaning rod, (1) wire brush, (1) box patches, (1) bottle cleaning solvent and (1) set plastic instructions. USCG approved.

502674	"Bridger" Shoulder Line Throwing Gun Kit	**$1,795.95 A**
502686	Replacement 45/70 Blank Cartridges	**$67.95 B**
502690	Projectile Brass	**$15.95 B**
502695	Cleaning Patches - 40	**$1.95 B**
502698	Replacement 600' Nylon Shot Line	**$49.95 A**

Datrex Sea Dye Marker

DATREX



Datrex Sea Dye Marker

Color: Yellow/green. Dye weight: 3.5 oz. Minimum solubility: 85%. Dimensions of pack: 5" x 6-1/8". Sea dye marker meeting the MIL standard 17980D.

436318 (DX1517M) **$28.50 H**

Jim-Buoy Day Mark Signals

JIM-BUOY



267775



267787



267799

Jim-Buoy Day Mark Signals

All units manufactured from heavy duty vinyl coated nylon fabric with stainless steel or galvanized framing. Fully collapsible when stored. Simplicity of design offers rapid and rigid display when required. Black.

267775	(1900)	Ball Shape	Diameter 24"	**$89.14 H**
267787	(1901)	Cone Shape	Diameter 24" x 24"	**$58.56 H**
267799	(1902)	Diamond Shape	Diameter 24" x 48"	**$89.14 H**

Datrex Hand-Held Flares



Datrex Polar Mk4 Hand-Held Red Flares

For short-range distress signalling on ships, lifeboats and liferafts. 15,000 candela. USCG approved. Meets SOLAS requirements.

436370	(NH341501/1)	Sold 6 Per Case	**$25.50 H**
436371	(NH341501/1)	Sold Each	**$29.95 H**



Datrex IKAROS Red Parachute Rockets

For ships, lifeboats, liferafts and leisure craft. 300m flare ejection height. 40,000 candela. 40 seconds burning time. Meets SOLAS requirements. USCG approvals #160.036/12/0 and #160.136/2/0. Comes packed in watertight flare box.

320800	Complete Kit with 12 Flares	**$870.00 H**
320802	Complete Kit with 6 Flares	**$379.00 H**

Orion Signaling Kits



Orion Signaling Kit - Commercial Vessel (Over 50 Miles)

Contains: (3) Parachute Flares, SOLAS & USCG Approved, 46 CFR 160.136 - Burn at 30,000 candlepower for 40 seconds wth a maximum altitude of 300 meters. (6) Red Handheld Flares - Burns at 15,000 candlepower for 60 seconds. (3) Floating Orange Smoke Signals - Produces 4 minutes of dense Orange Smoke. (1) Heavy Duty, Waterproof, Dry Box - High Visibility Orange Polypropylene is corrosion resistant and floats. Meets the USCG Regulations for Ocean Vessel Traveling in the Ocean more than 50 Miles from Coastline.

519148 (821) **$525.95 F**



Orion Signaling Kit - Alert/Locate (3 to 50 Miles)

Contains: (3) Parachute Flares, SOLAS & USCG Approved, 46 CFR 160.136 - Burn at 30,000 candlepower for 40 seconds wth a maximum altitude of 300 meters. (6) Red Handheld Flares 46 CFR 160.136 - Burns at 500 candlepower for up to 3 minutes. (3) Floating Orange Smoke Signals 46 CFR 160.136 - Produces 1 minute of thick Orange Smoke. (1) Heavy Duty, Waterproof, Dry Box - High Visibility Orange Polypropylene is corrosion resistant. Meets the USCG Regulations for Ocean Vessel Traveling 3-50 Miles from Coastline or Great Lakes Vessels Traveling More thn 3 miles from Coastline.

519136 (820) **$328.95 F**

Federal Requirements for Commercial Fishing Industry Vessels

Distress Signals 46 CFR 28.145

Area	Devices Required	DMI # Case	DMI # Single
Ocean, over 50 miles from coastline.	3 Parachute Flares (160.136)	**320802**	
	6 Hand Flares (160.121)	**436370**	**436371**
	3 Smoke Signals (160.122)	**436293**	**436294**
Ocean, 3-50 miles from the coastline or more than 3 miles from coastline on the Great Lakes	3 Parachute Flares (160.136 or 160.036)	**320802**	
	6 Hand Flares (160.121 or 160.021)	**436003**	**436004**
	3 Smoke Signals (160.122 , 160.022 or 160.037)	**436281**	**436282**
Coastal	Night: One S.O.S. Electric Light (161.013 and Day: One Flag (160.072) or Smoke Signals or 3 Approved Flares for Both Day and Night		

DONOVAN 2009

Datrex Orange Smoke Signals



DATREX

Special Handling May Apply

Datrex IKAROS Manoverboard Smoke Marker

Emits dense orange smoke for more than 15 minutes. The bracket is included and, once installed, the IKAROS Smoke Marker is automatically activated when separated from its bracket. USCG approvals #160.057/6/0 and #160.157/2/0. Meets SOLAS 74/83 requirements.

436356 (CI3452P) **$699.00 H**



DATREX

Special Handling May Apply

Datrex IKAROS Manoverboard Combined Light and Smoke

Emits dense orange smoke for more than 15 minutes and has two lights operating at 2 hours at 2 candela. The bracket is included and, once installed, the IKAROS it is automatically activated when separated from its bracket. Maintenance free. The lights are powered by lithium batteries sealed for life. Meets SOLAS 74/83 requirements.

436358 (CI3451P) **$995.00 H**



DATREX

Special Handling May Apply

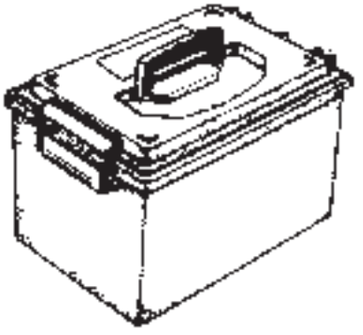
Datrex 4 Minute Buoyant Orange Smoke Signals

Approved for use in lifeboats and liferafts. USCG approvals #160.022/12/0 and #160.122/2/0. Meets SOLAS 74/83 requirements. Dimensions: 90mm x 170mm. Weight: 600 grams.

436293 (NH342121/1) Sold 3 Per Case **$74.00 H**

436294 (NH342121/1) Sold Each **$80.95 H**

Watertight Flare Box



Watertight Flare Box

Keeps out moisture and dust with its water resistant o-ring design. Bright orange.

772233 **$20.95 E**

Orion 12-Gauge HP (High Performance) Red Aerial Signal Kits

Orion 12-Gauge
HP (High Performance) Red Aerial Signal

US Coast Guard Approved for day and nighttime signaling. New signal burns longer, goes higher and brighter than the standard 12-Gauge signal. Will fit in any 12-Gauge Safety Launcher manufactured after 1982. Altitude: Up to 500 feet. Average burn time: Up to 7 seconds. Average brightness: Up to 16,000 candelas.



Special Handling May Apply

518891 (530) 4 Pack **$32.95 H**
519124 (539) 4 Pack, Sold Case of 6 **$28.95 F**



Special Handling May Apply

Orion 12-Gauge
HP (High Performance) Alerter Basic Signal Kit

The perfect signal to build your own safety kit, when combined with handheld red signals and orange smoke. Includes: 12-Gauge Safety Launcher with bandolier that can hold up to 6 High Performance Signals and (4) 12-Gauge High Performance Red Aerial Signals.

519470 (584) Single Kit, Sold Case of 4 **$53.95 F**
519471 (584) Single Kit **$58.95 F**



Special Handling May Apply

Orion 12-Gauge
HP (High Performance) Alerter Plus Aerial Signal Kit

Contains aerial, visual and sound signals. When combined with handheld flares make a perfect kit for Coastal boaters. Includes: 12-Gauge Safety Launcher with bandolier that can hold up to 6 High Performance Signals, (6) 12-Gauge High Performance Red Aerial Signals, (1) Signal mirror, (2) SOLAS approved whistles with lanyard, 1 oz. fluorescent dye marker and storage case.

518971 (535) Single Kit, Sold Case of 4 **$90.95 F**
518972 (535) Single Kit **$104.95 F**



Special Handling May Apply

Orion 12-Gauge HP (High Performance) Alert/Locate PLUS with Aerial, Handheld, Smoke Signaling and First Aid Kit

A complete signal and first aid kit in a floating storage bag. Includes: 12-Gauge Safety Launcher with bandolier that can hold up to 6 High Performance Signals, (4) 12-Gauge High Performance Red Aerial Signals, (4) Handheld Red Signal Flares, (2) Handheld Orange Smoke Signal, (1) International Orange Volare Foam Floating, Zippered Storage Bag, (1) Medication Module - Aspirin, non-Aspirin, motion sickness, etc. and (1) General First Aid Module - Bandages, Ointments, Gauze, etc.

518900 (549) Single Kit, Sold Case of 2 **$123.95 F**
518901 (549) Single Kit **$139.95 F**



Special Handling May Apply

Orion 12-Gauge HP (High Performance) Alert/Locate PLUS with Aerial, Handheld and Smoke Signaling Kit

Perfect for Inland or Coastal boater because it contains aerial, handheld and orange smoke signals. New case is heavy duty, high impact, high visibility - International Orange, dual-latched, waterproof, buoyant. Contains precision-cut foam insert to keep signals in place. Includes: 12-Gauge Safety Launcher with bandolier that can hold up to 6 High Performance Signals, (4) 12-Gauge High Performance Red Aerial Signals, (4) Handheld Red Signal Flares and (2) Handheld Orange Smoke Signals.

519112 (544) Single Kit, Sold Case of 2 **$113.95 F**

Orion Skyblazer Red Aerial Signal Kits

This is a self-contained signal that is COMPACT, WATERPROOF, EASY TO OPERATE and it FLOATS.
Altitude: Up to 450 feet. Average Burn Time: 6.9 seconds each. Average Brightness: 16,000 candela.



Special Handling May Apply

Orion Skyblazer Red Aerial Signal Kit

Perfect for the Inland or Coastal boater, who seldom travels offshore. The (4) self-contained Skyblazer Alert signals are bright, safe, waterproof and floats. Packed with an International Orange zippered mesh storage bag with clip and space for additional signals and accessories. Contains: (4) Skyblazer Self-Contained Red Meteors. USCG approved day and night signal. Altitude: Up to 450 feet. Average burn time: Up to 6.9 seconds. Average brightness: Up to 16,000 candelas.

519403	(894)	4 Pack, Sold Case of 4	**$50.95 F**
519404	(894)	4 Pack	**$55.95 F**



Special Handling May Apply

Orion Coastal Alert/Locate Marine Signal Kit

Designed for the Recreational boater, who sometimes travel out of sight of land. Contains: (2) Red Handheld Signals, (2) Skyblazer Self-Contained Red Meteors, (1) Signal mirror with lanyard, (1) Whistle with lanyard and International Orange zippered mesh storage bag with clip clip.

519488	(952)	Single Kit, Sold Case of 6	**$63.95 F**
519487	(952)	Single Kit	**$72.95 F**



Special Handling May Apply

Orion Coastal Alerter Signal Kit

Perfect for the Inland or Coastal boater, who seldom travels offshore. Signals are safe, waterproof and float. Contains: (3) Skyblazer Self-Contained Red Meteors, (1) Signal mirror with lanyard, (1) Whistle with lanyard, (1) 1 oz. flourescein dye marker and International Orange zippered mesh storage bag with clip.

519454	(988)	Single Kit, Sold Case of 6	**$50.95 F**
519455	(988)	Single Kit	**$58.95 F**

Orion 25mm Marine Aerial Flare and Aerial Signal Kit





Special Handling May Apply

Orion 25mm Marine Aerial Flares - Red

Aluminum casing. Average burn time: 7 seconds each, 21 seconds total. Average candlepower: 35,000. Altitude: 375 feet. Visibility: 27 miles maximum. Instructions on back of card. USCG approved for day and night use.

519150	(992)	Single Pack, Sold Case of 12	**$64.95 F**
519151	(992)	Single Pack	**$75.95 F**



Special Handling May Apply

Orion Offshore 25mm Alert/Locate Ultimate Marine Signal Kit

Designed for boaters who travel offshore. The 25MM parachute signal is the highest and brightest signal and can be seen for up to 25 miles and burn for almost 30 seconds. Contains: 25mm Safety Launcher with bandolier that can hold up to 7 meteors, (3) 25mm Red Meteors, (1) 25mm Red Parachute Flare, (3) Red Handheld Signals and floating orange storage canister.

519100	(911)	Single Kit, Sold Case of 2	**$288.95 F**
519101	(911)	Single Kit	**$314.95 F**
519225	(981)	Spare 25mm Launcher	**$144.95 F**
518998	(995)	Canister Mounting Bracket	**$9.95 F**

Orion Handheld Marine Orange Smoke Signals



Special Handling May Apply

Orion Handheld Marine Orange Smoke Signals
Burn time: 1 minute each. USCG approved for daytime use only.

436281 (913)	Single Flare, Sold Case of 6	**$21.95 F**
436282 (913)	Single Flare	**$26.95 F**

Orion Handheld Red Signal Flares and Signal Kit



Special Handling May Apply

Orion HandHeld Red Signal Flares
Our handheld signals are safe, easy to use and waterproof, with built-in protective handle. USCG approved for day and night use.

Pre-Packaged Flares.

436003 (960)	4 Pack, Sold Case of 4	**$33.95 F**
436004 (960)	4 Pack	**$39.95 F**

Bulk Flares.

436279 (901)	Single Flare, Sold Case of 6	**$9.95 F**
436280 (901)	Single Flare	**$13.95 F**



Special Handling May Apply

Orion Coastal Locater® Plus Marine Signal Kit
The perfect kit for the Lake and Coastal boater. Features: (3) Handheld Red Signal Flares, waterproof, floatable storage case, safety whistle and distress flag. USCG approved for day and night use. Kit dimensions: 11-7/8" x 8-1/8" x 2-3/8". Includes instructions.

518995 (921)	Single Kit, Sold Case of 4	**$60.95 F**
518996 (921)	Single Kit	**$70.95 F**

Emergency Flags



N.A. Taylor Emergency Breakdown Flag
Solid color flag. Perma-print dyed nylon with reinforced nylon heading. Dimensions: 12" x 18". Red.

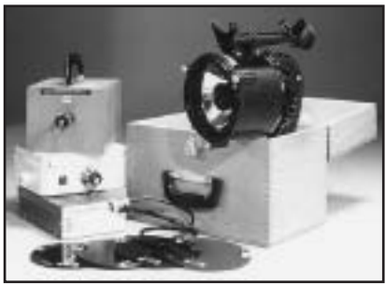
224648 (32183) **$8.95 F**



Jim-Buoy S.O.S. Flag
Durable plastic. Comes in zip-lock storage bag. S.O.S. flag has full USCG approval.

267573 (1851) **$8.90 H**

Britmar MKV Signaling Lantern



Britmar MKV Signaling Lantern

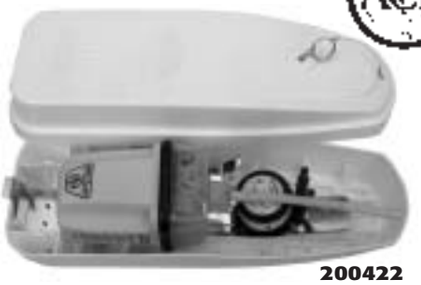
MKV Signaling Lantern fulfils the requirements of the "International Convention for the Safety of Life at Sea". This convention states that all ships over 150 tons (gross tonnage), when engaged on International voyages, shall have on board an efficient daylight signaling lamp, which shall not be solely dependent upon the ship's main source of electrical power. **Battery and bulb not included.**

233700 (A4023)		**$1,702.95 C**
233701 (3038)	Aldis Battery and Box	**$743.95 B**
233712 (108066)	Spare Bulb - 12 Volt, 60 Watts	**$40.95 C**
233713 (108008)	Spare Bulb - 24 Volt, 60 Watts	**$40.95 C**

ACR EPIRBs



200434



200422

ACR Satellite$_2$ 406™ EPIRB with Bracket - Category 1

Fully enclosed polyethylene bracket with hydrostatic release. World's smallest 406 MHz EPIRB that meets all world regulations. Built-in strobe. Single, three position switch for easy test and operation. Transmits on 406 MHz (COSPAS-SARSAT) with your registered, digitally-coded distress signal and 121.5 MHz. Can be manually activated; self-buoyant – no external float collar to lose. Lanyard coiled on recessed spool for non-tangling depolyment. Field programmable. Operating life: 48 hours @ -40° C (-40° F). USCG approved. Automatically deploys when water depth is approximately 13'. Dimensions: 18" x 7" x 6".

200422 (2774) **$800.95 D**

ACR Accessories for Satellite$_2$ 406™ EPIRB

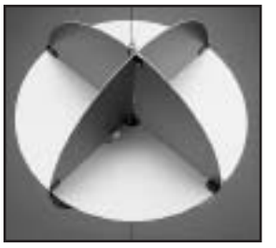
200989 (1096) Lithium Battery	**$259.95 E**
200990 (9368) Antenna for RLB-32	**$89.95 E**
201338 (9322) Antenna for RLB-27, RLB-28 and RLB-29	**$70.00 A**
201340 (1094) Lithium Battery	**$269.95 E**
201486 (9490) Hydrostatic Release Kit	**$148.95 E**

ACR AquaFix™ 406 GPS Personal Locator Beacon

GPS Interface and Onboard GPS. Transmits on 406 MHz (COSPAS-SARSAT) with your registered, digitally-coded distress signal and 121.5 MHz. Onboard GPS acquires LAT/LON when the unit is activated. GPS Interface allows you to download your GPS coordinates from a hand-held GPS receiver into your PLB. Full functional self-test of internal circuitry, battery power, 406 MHz transmission and GPS acquisition. Flat, stainless steel antenna. Floats to avoid loss if dropped in water, exceeds RTCM waterproof requirements. Dimensions: 1.74" x 5.71" x 3.03". Operating life: In excess of 36 hours @ -20° C (-4° F), 20 hours @ -40° C (-40° F).

200434 (2797.4) **$649.99 B**

Davis Radar Reflectors



322417



322407

Davis Emergency Radar Reflector

Every small boat needs help avoiding collisions and in being "observed" after dark, in fog or in any zero-visibility situation. But only properly aligned metallic surface reflect radar well. Wood, fiberglass and sails can hardly be seen at all. Compact and lightweight.

322407 (151) **$32.95 H**

Davis Echomaster Radar Reflector

Full 12-1/2" diameter circular reflector provides 11 square meters of maximum effective radar cross section in the X or 3 cm band. Offers equivalent radar cross section of conventional triangular plate reflector with approximate 17" diagonal dimension. Has windage holes for reduced aerodynamic drag. They allow for assembly of the reflector around a backstay. Stows flat and is quickly and easily assembled. Deluxe model comes with 6-point harness system. Featuring polyester line and all marine grade hardware. Meets USCG regulations under SOLAS 74/83.

322417 (152) Standard **$61.95 H**

GME MT403 Series 406 MHz EPIRB

NEW ITEM



GME MT403 Series 406 MHz EPIRB

Zero warm-up digital technology, many other beacons can take up to 15 minutes to reach optimum operating temperature. High reliability solid state strobe. Rugged, lightweight, simple to install compact design. Easy, built-in self-test facility with audible alert confirms correct operation. Non-hazardous batteries for restriction free transport. Enclosed in a UV resistant float free housing that automatically deploys and activates the EPIRB when submersed to a depth of 6.6 ft - 13 ft. Antenna releases automatically when the unit is removed from the quick-release bracket or housing. 121.5 MHz homer.

696310 (MT-403FF) **$797.95 D**

Kidde Fire Extinguishers


435051


435128

Special Handling May Apply

Kidde ProLine
Fire Extinguishers - Multipurpose Dry Chemical

Suitable for use on Class A (trash, wood and paper), Class B (liquids and gases) and Class C (energized electrical equipment) fires. Fitted with a pressure gauge that provides at-a-glance status, cylinder is manufactured from impact resistant steel and the valve assembly is all metal. USCG approved.

435051	(466164)	3A: 40-B:C	5# w/Steel Bracket	Sold Case of 4	**$84.95 H**
435052	(466164)	3A: 40-B:C	5# w/Steel Bracket	Sold Per Single	**$92.95 H**
435077	(466204)	4-A, 60-B:C	10#		**$108.95 H**
435092	(466206)	10-A, 80-B:C	20#		**$196.95 H**

Fire Extinguisher Brackets

USCG approved only when equipped with proper bracket.

435128	(366242)	For **435077** (466204)	**$38.95 H**
435136	(292474)	For **435092** (466206)	**$46.95 H**

Fire Extinguisher Kits with Proper Bracket

435078	(4350077)	4-A, 60-B:C	10#	**$147.95 H**
435093	(435092)	10-A, 80-B:C	20#	**$243.95 H**


435152


435280

Special Handling May Apply

Kidde ProLine Fire Extinguishers - Carbon Dioxide

Suitable for use on Class B (liquids and gases) and Class C (energized electrical equipment) fires. Environmentally safe. The cylinder is manufactured from aluminum and the valve assembly is metal. Supplied with wall hanger. USCG approved.

435152	(466180) Pro 5 CD	5-B:C	5#	**$243.95 H**
435176	(466181) Pro 10 CD	10-B:C	10#	**$337.95 H**
435190	(46100) Pro 15 CDM	10-B:C	15#	**$417.95 H**

Fire Extinguisher Running Board Brackets

USCG approved only when equipped with proper bracket.

435280	(270191) For **435152** (466180)	**$38.95 H**
435277	(290511) For **435176** and **435190**	**$59.95 H**

Fire Extinguisher Kits with Proper Bracket

435153	(466180) Pro 5 CD	5-B:C	5#	**$282.95 H**
435177	(466181) Pro 10 CD	10-B:C	10#	**$391.95 H**
435191	(466182) Pro 15 CD	10-B:C	15#	**$468.95 H**

Kidde Mariner Mariner Line Fire Extinguishers

The Mariner Line of dry chemical models covers most hazards associated with watercraft. All models feature corrosion resistant, attractive white finish. All models come with retention brackets and meet USCG approvals.

Special Handling May Apply

Kidde Mariner 210D MPWC Fire Extinguisher. Suitable for use on Class B (liquids and gases) and Class C (energized electrical equipment) fires. Fitted with a "one touch" pressure check device to ensure reliable performance. Discharge time: 8 to 10 seconds.

561781	(466636)	5-B:C	2#	Sold Case of 6	**$20.95 H 6K**
561782	(466636)	5-B:C	2#	Sold Per Single	**$23.95 H**

Kidde Mariner 10 Fire Extinguisher. Suitable for use on Class B (liquids and gases) and Class C (energized electrical equipment) fires. Professional pressure gauge. Discharge range: 6 to 8 feet. Discharge time: 8 to 12 seconds.

561856	(466628)	10-B:C	2.9#	Sold Case of 6	**$25.95 H 6L**
561857	(466628)	10-B:C	2.9#	Sold Per Single	**$27.95 H**
561860	(466628)	10-B:C	2.9#	Sold Pack of 18	**$328.95 E**

Kidde Mariner 110 Fire Extinguisher. Suitable for use on Class A (trash, wood and paper), Class B (liquids and gases) and Class C (energized electrical equipment) fires. Professional pressure gauge. Discharge range: 6 to 8 feet. Discharge time: 8 to 12 seconds.

561882	(466627)	1-A, 10-B:C	2.5#	Sold Case of 6	**$38.95 H 6L**
561883	(466627)	1-A, 10-B:C	2.5#	Sold Per Single	**$33.95 H**

Kidde Mariner 5 Fire Extinguisher. Suitable for use on Class B (liquids and gases) and Class C (energized electrical equipment) fires. Professional pressure gauge. Discharge range: 4 to 6 feet. Discharge time: 8 to 12 seconds.

561793	(466635)	5-B:C	2#	Sold Case of 6	**$22.95 H 6K**
561794	(466635)	5-B:C	2#	Sold Per Single	**$25.95 H**


561781


561856


561882


561793

Sea-Fire FE-241 Fire Extinguishing Systems - Automatic Discharge



Special Handling May Apply

Sea-Fire FE-241 Fire Extinguishing Systems - Automatic Discharge

All models include: Automatic discharge (heat actuated), pressure gauge, pressure switch (system supervision), protective guard, mounting bracket, indicator light with bezel and installation, operation & maintenance manual. **WARNING: Diesel-powered craft must also install the automatic shutdown system.**

		Rechargable	Dia.	Height	Agent Weight	Shipping Weight	U.S. Coast Guard	
435291 (FE75A)	75 cu. ft.	No	3.2″	16.7″	2.5 lbs.	7.8 lbs.	162.029/238/0	**$205.95 E**
435296 (FE100A)	100 cu. ft.	No	3.5″	17.4″	3.4 lbs.	9.4 lbs.	162.029/238/0	**$232.95 E**
435299 (FE125A)	125 cu. ft.	No	3.5″	17.4″	4.2 lbs.	10.3 lbs.	162.029/238/0	**$249.95 E**
435304 (FE150A)	150 cu. ft.	No	4.3″	17.4″	5.1 lbs.	11.7 lbs.	162.029/238/0	**$294.95 E**
435309 (FE175A)	175 cu. ft.	No	5.3″	19.1″	5.9 lbs.	13.0 lbs.	162.029/238/0	**$321.95 E**
435316 (FE200A)	200 cu. ft.	No	5.3″	19.1″	6.8 lbs.	15.7 lbs.	162.029/238/0	**$338.95 E**
435328 (FE300A)	300 cu. ft.	No	5.3″	19.1″	10.1 lbs.	19.1 lbs.	162.029/238/0	**$489.95 E**
435330 (FE400A)	400 cu. ft.	Yes	7.0″	18.3″	13.5 lbs.	31.4 lbs.	162.029/238/0	**$665.95 E**
435366 (FE1000A)	1000 cu. ft.	Yes	8.1″	27.5″	33.8 lbs.	71.4 lbs.	162.029/238/0	**$1,242.95 E**



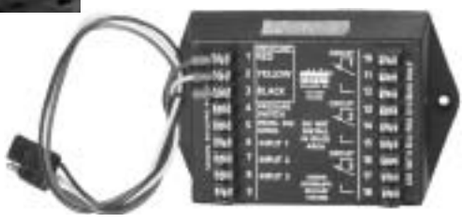
Special Handling May Apply

Dry Chemical Wheeled Extinguishers

Pressurized 50 lb. units have D.O.T. approved cylinders. Carts and framing components are made of rugged steel and welded to meet extreme use conditions. All steel parts and cylinders are powder coated to withstand 240 hour salt spray testing. Designed for one man operation. Wheel diameter: 12.3" x 3.5". Semipneumatic rubber. All brass cylinder valve and hose valve assemblies are chrome plated. Manufactured to ANSI/UL 299 and ANSI/UL 711 standards. Capacity 50 lbs. Discharge range: 25′ - 35′. Hose length: 25′.

562125 (30010) ABC Discharge Time: 35 Seconds **$1,856.95 E**
562137 (30030) Purple K Discharge Time: 34 Seconds **$1,617.95 E**

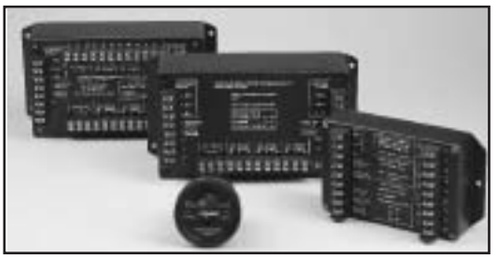
NEW ITEM



Sea-Fire Engine Shutdown System

Automatically shutdown engines and powered ventilation upon discharge of the fire extinguishing system. Requires a panel mounted display with visual and audible alarm, discharge lights and an override switch for engine restart and control. 3 circuit. 12 volt.

435285 (131-200) **$295.95 E**



Fireboy Automatic Engine Shutdown Systems

Fireboy respond automatically when a system discharges. Three models provide shutdown capability for up to eight engines. All systems are solid state for greater reliability and all can be special ordered to operate on 24 or 32V DC. The 5000 and 8000 models are easier are available with a 15 second time delay for GM diesels. Standard voltage is 12 volts. (Required for diesel engines).

Special Order (ES-3000-01) 3 Circuit Engine Shutdown Round
Special Order (ES-5000-01) 5 Circuit Engine Shutdown Round
Special Order (ES-8000-01) 8 Circuit Engine Shutdown Round

Fireboy MA2 Series Manual/Auto Discharge Systems



FIREBOY-XINTEX

Special Handling May Apply

Fireboy Discharge Cable Kits for MA2 Series Manual/Auto Discharge Systems

Features positive backup via a mechanical pull cable. Primary activation-heat response is automatic at 175° F (79° C). Select the cable length you will require. Available in 6′ thru 30′ lengths. Diesel powered craft must also install the Automatic Engine Shutdown System. Systems available with FE-241 or FM-200. Manual cables must be installed in order to retain USCG and FM approval. Systems from 25 cu. ft. to 1,500 cu. ft. available by special order. Includes all hardware for installation.

Special Order (E-4209-06) 6′ Cable Length
Special Order (E-4209-08) 8′ Cable Length
Special Order (E-4209-10) 10′ Cable Length
Special Order (E-4209-12) 12′ Cable Length
Special Order (E-4209-14) 14′ Cable Length
Special Order (E-4209-16) 16′ Cable Length
Special Order (E-4209-18) 18′ Cable Length
Special Order (E-4209-20) 20′ Cable Length
Special Order (E-4209-22) 22′ Cable Length
Special Order (E-4209-24) 24′ Cable Length
Special Order (E-4209-26) 26′ Cable Length
Special Order (E-4209-28) 28′ Cable Length
Special Order (E-4209-30) 30′ Cable Length

Fireboy MA2 Series Manual/Auto Discharge Systems

Model #		Dia.	Height	Agent Wt.	Ship Wt.	USCG
MA2-075	75 cu. ft.	4.3″	11.9″	2.5 lbs.	9 lbs.	162.029/189/0
MA2-100	100 cu. ft.	4.3″	14.5″	3.4 lbs.	12 lbs.	162.029/190/0
MA2-125	125 cu. ft.	4.3″	14.5″	4.2 lbs.	13 lbs.	162.029/191/0
MA2-150	150 cu. ft.	5.1″	13.1″	5.1 lbs.	15 lbs.	162.029/192/0
MA2-175	175 cu. ft.	5.1″	15.5″	5.9 lbs.	16 lbs.	162.029/192/0
MA2-200	200 cu. ft.	5.1″	15.5″	6.8 lbs.	17 lbs.	162.029/193/0
MA2-225	225 cu. ft.	6.4″	14.7″	7.6 lbs.	26 lbs.	162.029/193/0
MA2-250	250 cu. ft.	6.4″	14.7″	8.5 lbs.	26 lbs.	162.029/194/0
MA2-275	275 cu. ft.	6.4″	14.7″	9.3 lbs.	27 lbs.	162.029/194/0
MA2-300	300 cu. ft.	7.2″	15.1″	10.1 lbs.	32 lbs.	162.029/194/0
MA2-325	325 cu. ft.	7.2″	15.1″	11 lbs.	33 lbs.	162.029/195/0
MA2-350	350 cu. ft.	7.2″	15.1″	11.8 lbs.	34 lbs.	162.029/195/0
MA2-375	375 cu. ft.	7.2″	17.8″	12.7 lbs.	36 lbs.	162.029/195/0
MA2-400	400 cu. ft.	7.2″	17.8″	13.5 lbs.	37 lbs.	162.029/195/0
MA2-450	450 cu. ft.	7.2″	17.8″	15.2 lbs.	38 lbs.	162.029/196/0
MA2-500	500 cu. ft.	7.2″	24.7″	16.9 lbs.	47 lbs.	162.029/196/0
MA2-550	550 cu. ft.	7.2″	24.7″	18.6 lbs.	49 lbs.	162.029/197/0
MA2-600	600 cu. ft.	7.2″	24.7″	20.3 lbs.	50 lbs.	162.029/197/0
MA2-650	650 cu. ft.	7.2″	24.7″	22 lbs.	52 lbs.	162.029/197/0
MA2-700	700 cu. ft.	10″	21.6″	23.7 lbs.	64 lbs.	162.029/197/0
MA2-750	750 cu. ft.	10″	21.6″	25.4 lbs.	65 lbs.	162.029/197/0
MA2-800	800 cu. ft.	10″	21.6″	27 lbs.	67 lbs.	162.029/198/0
MA2-850	850 cu. ft.	10″	21.6″	28.7 lbs.	69 lbs.	162.029/198/0
MA2-900	900 cu. ft.	10″	21.6″	30.4 lbs.	70 lbs.	162.029/198/0
MA2-950	950 cu. ft.	10″	21.6″	32.1 lbs.	72 lbs.	162.029/198/0
MA2-1000	1000 cu. ft.	10″	21.6″	33.8 lbs.	74 lbs.	162.029/198/0
MA2-1050	1050 cu. ft.	10″	21.6″	35.5 lbs.	75 lbs.	162.029/199/0
MA2-1100	1100 cu. ft.	10″	21.6″	37.2 lbs.	77 lbs.	162.029/200/0
MA2-1150	1150 cu. ft.	10″	21.6″	38.9 lbs.	79 lbs.	162.029/200/0
MA2-1200	1200 cu. ft.	10″	27.7″	40.6 lbs.	86 lbs.	162.029/200/0
MA2-1250	1250 cu. ft.	10″	27.7″	42.3 lbs.	87 lbs.	162.029/200/0
MA2-1300	1300 cu. ft.	10″	27.7″	60.8 lbs.	106 lbs.	162.029/201/0
MA2-1350	1350 cu. ft.	10″	27.7″	63.2 lbs.	108 lbs.	162.029/201/0
MA2-1400	1400 cu. ft.	10″	27.7″	65.5 lbs.	111 lbs.	162.029/201/0
MA2-1450	1450 cu. ft.	10″	27.7″	67.9 lbs.	113 lbs.	162.029/201/0
MA2-1500	1500 cu. ft.	10″	27.7″	70.2 lbs.	115 lbs.	162.029/201/0

Fireboy-Xintex Carbon Monoxide Detectors

Use the CMD-4MR carbon monoxide detector for single sites when generator shutdown is NOT desired. Features a state-of-the-art sensor that is unaffected by common cleaning solvents. Current draw: 16 mA average. Alarm dB: 85 dB at 10 feet. Dimensions: 3.5″ L x 2.4″ W x 1.3″ D. UL 2034 Listed for Marine use. 12 volt.

435282 (CMD-4MR) **$170.95 E**

9V battery powered carbon monoxide detector. Ideal for boats requiring additional CO alarm protection and for boats without a CO alarm. Uses an advanced biomimetic sensor to determine CO levels. Time Weighted Average sensor technology is used to eliminate false alarms. Current draw: 16 mA average. Ceiling or wall mount. Dimensions: 4.75″ diameter x 1.5″ depth. 9V battery included. UL 2034 Listed for Marine use.

435283 (CMD-1MR) **$128.95 E**

FIREBOY-XINTEX



435283



435282

Kidde Smoke and Fire Detector

Battery operated (9v battery included). Test button: Tests alarm circuitry and horn. Low battery indicator. Easy installation, mounting hardware included.

435378 (0915) **$12.95 H**

Kidde



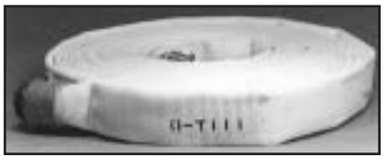
Guardian Hump Hose Rack



Guardian Hump Hose Rack
This hose rack allow lined hose to be neatly and conveniently racked away from the work area. Size hose: 1-1/4" or 1-1/2". Dimensions: 29-3/4" D x 20-7/8" H x 4-1/8" W.

380307 (S-1) **$155.95 E**
249011 (SSHR) S/S **$610.95 E**

Fire Hoses



See Our Line of Fire Pumps Page 343

Fire Hoses
Single jacket, high grade, UL accepted fire hose. Length 50'.

380218 IPT 1-1/2″ **$285.95 H**
380220 NST 1-1/2″ **$285.95 H**
380221 IPT 2″ **$463.95 H**
339819 IPT to NST Brass Adapter **$24.95 E**

Spanner Wrenches



Universal Spanner Wrench - Akrolite
The all-purpose wrench for 3/4" to 3" rocker lug and pin lug couplings. Features: A belt hook eye, hammer head and a gas cock shutoff. Length 11-1/2".

587088 (10) **$30.95 E**



Spanner Wrenches
Used for tightening 1-1/2" connections on fire hose.

380282 **$14.95 L**
380294 Universal **$20.95 E**

Omega Monitor



Shown with Discharge Pipe and Tip (Not Included)

Omega Monitor
Brass construction. Cast-in turning vanes in each elbow for reduced friction loss with 150° vertical travel. Full 3" waterway. Friction loss: 10 PSI at 800 GPM. Height 17". Width 11-1/2". Weight: 72 lbs. Flange OD 7". 4 bolt. Diameter center to center 6". Inlet 3" FL. Outlet 2-1/2". Flow: 1,250 GPM.

588539 (3526) **$1,782.95 E**
588542 (489) Tip **$233.95 E**

Marine In-Line Eductor



Marine In-Line Eductor
Brass in-line eductor. Includes: Foam shutoff valve and 60" pickup hose. Set at 6% pickup rate, easily changed to 3%. Strainer in pickup tube. Length 9-1/2". Weight: 8 lbs. Female inlet 1-1/2". Male inlet 1-1/2" Operating pressure: 100 - 200 PSI. Flow: 90 GPM.

588528 (2328) **$756.95 E**

Akron Foam Nozzle with Pickup Tube



Akron Foam Nozzle with Pickup Tube
Made of a combination of Akrolite and Pyrolite and are suited for use with all types of foam. They are calibrated for 6% pickup rate. A spacer is shipped with each unit for changing in the field to 1/2%, 1% or 3% pickup rate. Expansion rate is up to 14:1. Swivel inlet 1-1/2". 95 GPM. Length 38". Weight: 6 lbs.

588523 (3951) **$911.95 E**

Guardian Angle Valves



588537

Leader Line Wye
Designed for heavy duty use. Cast brass. 2-1/2″ female inlet x (2) 1-1/2″ male outlets.

588537 (2681NST) **$427.95 E**



Guardian Angle Valves
Plain brass. 1-1/2" angle VLV. 300 PSI

380321 (170-1511MSPH) Female IPT x Male IPT **$110.95 E**
380333 (170-1521MNST) Female IPT x Male NST **$110.95 E**
380341 (5515 NST) Cap and Chain **$13.95 E**

Akron Fire Hose Fog Nozzles



Akron Fire Hose Fog Nozzles
Combination fog and straight stream nozzles for shipboard fire fighting. Required equipment for all commercial vessels under US registry. Designed to USCG specifications for fighting fires with drafted water.

Fog flow: 55 GPM at 100 PSI. Inlet 1-1/2". Length 10-1/4".

587090 (2032)	IPT	**$649.95 G**
587103 (2032)	NST	**$649.95 G**
588559 (2033)	Repl. Tip for 2032 Nozzle	**$128.95 E**
588561 (7-06-254)	Repl. 6" Chain for 2033 Tip	**$3.95 E**

Fog flow: 106 GPM at 100 PSI. Inlet 2-1/2". Length 11-1/2".

587108 (2046)	NST	**$841.95 G**
588562 (2047)	Repl. Tip for 2046 Nozzle	**$152.98 E**

Akron Fire Water Nozzles



Akron Fire Water Nozzles
Combination fog and straight stream nozzles designed for maximum efficiency with AFFF or water on shipboard, offshore rigs and industrial applications. Corrosion resistant brass construction. Norkalon ball with dual seats for smooth operation. Double row of molded teeth for excellent fog pattern. Rubber-like bumper and handle for extra protection. Constant gallonage in all fog and straight stream patterns. Flush without shutting down. USCG approved. Flow: 95 GPM at 100 PSI. Swivel inlet 1-1/2". Length 8".

588515 (3020)	NST w/Pistol Grip	USCG Approval #162.027/15/0	**$675.95 G**
588518 (3022)	NST w/o Pistol Grip	USCG Approval #162.027/16/0	**$600.95 G**

Fire Hose Nozzles



Fire Hose Nozzles
Plain cast brass nozzles. Dimensions: 1-1/2" x 10" x 1/2". Couplings are 1-1/2".

380244 IPT	**$64.95 L**
380256 NST	**$64.95 L**



Polycarbonate Fire Hose Nozzles - 1-1/2”
High impact polycarbonate nozzle. Ideal for use with pin racks and single jacket hose, especially in areas where brass nozzles are likely to be stolen. National pipe thread. U.L. Listed for Class A, B and C (Electrical) Fires.

264111 (E15IPT)	IPT	**$25.95 E**
264113 (E15NST)	NST	**$25.95 E**

Akron Applicator with Fog Head



Akron Applicator with Fog Head
1-1/2" x 4' galvanized steel tubing with 60° bend. Flow: 54 GPM at 100 PSI. Includes: Style 1034 fog head. USCG approved.

588535 (2415) **$292.95 E**

Akron Horizontal Tool Bracket

Akron Horizontal Tool Bracket
Heavy duty bracket with covered jaws. Designed for horizontal mounting to hold objects up to 1-3/4" diameter. Ideal for holding axes, applicators, booster nozzles or smaller tools. Length 4-1/8".

588547 (40) **$52.95 E**



Fire Axes



Fire Axe
4.5 lb. pickhead and 36" wooden handle painted red.

465636 (8306) **$91.95 H**

Fireman's Pickhead
Professional quality with 6 lb. pickhead and 36" hickory handle.

303141 (8312) **$62.95 E**



Datrex Hatchet with Lanyard
USCG approved hatchet with lanyard for use in lifeboats.

320789 (BB0072M) **$18.95 E**

Perko Stainless Steel Fire Axe Bracket

PERKO®



Perko Fig. 325 Stainless Steel Fire Axe Bracket
Stainless steel for 6" blade width. Socket screw size: 10. Bracket screw size: 6. Sold each. Standard pack 10.

537386 (325 000 STS) **$19.95 H**

MSA Explosimeter Combustible Gas Indicator

MSA



MSA Explosimeter Combustible Gas Indicator
Detects and measures concentrations of combustible gases or vapors in the air. It can be used in the immediate environment or, with sampling lines (not included) it can draw samples from remote areas. UL approval is for Class 1, Group D, Divisions 1 and 2; and Class 1, Groups A, B and C, Division 2, Division 1 excluded, hazardous atmospheres.

773110 (89220) **$1,274.95 B**
773122 (11955) 10' Sampling Line for Explosimeter **$59.95 B**

MSA Calibration Gas Cylinders

MSA



MSA Calibration Gas Cylinders
These are used for calibrating MSA gas measuring instruments.

773158 (459945) 2% Methane **$66.95 A**
773172 (459942) 2.5% Methane **$66.95 A**
773196 (460345) 8% Butane, 13-8 CO_2 **$66.95 A**
773211 (468249) 100% Nitrogen **$66.95 A**

MSA Detector Tubes

Call for Prices and Availability for Other Options

MSA Detector Tubes

MSA's detector tube pumps can be used with an assortment of MSA detector tubes to spot-test the atmosphere for a wide variety of toxic substances.

773214 (487333)	CO_2 - 0.1%	**$69.95 D**
773216 (487335)	CO - 0.3%	**$69.95 D**
773217 (487338)	CO_2 - 1%	**$77.95 D**
773218 (804589)	Ethylmercaptan - 0.5%	**$77.95 D**
773219 (804132)	AROMATIC HYDROCRBNS	**$84.95 D**
773221 (487339)	H_2S - 1%	**$69.95 D**
773222 (655789)	METHANE/NATURAL GAS	**$86.95 D**
773220 (487340)	H_2S - 100% (4 Pack)	**$69.95 D**
773225 (803947)	Toluene - 5%	**$77.95 D**
773226 (655837)	C_6H_6 - 5%	**$90.95 D**



MSA Model R Calibration Check Kit with 1.5 LPM Regulator

MSA Model R
Calibration Check Kit with 1.5 LPM Regulator

The cylinders of calibration check gas for use with Model R kits are small, lightweight steel containers approximately 10-5/8" high and 2-5/8" in diameter and, depending upon the individual pressure requirements, contain 16 to 20 liters of a specified gas mixture of a known (+/- 5% tolerance) concentration. MSA certifies that the gas mixture in the calibration gas cylinders was prepared gravimetrically, using NIST traceable weights. The lot number and nominal value of the gas constituents in percent by volume, percent by mass, PPM mass or volume are specified on the cylinder. Each MSA calibration gas cylinder is shipped with an individual copy of a certificate of analysis. Consist of a regulating valve which includes a gauge to measure container pressure, an adapter hose with sampling line connection, sensor adapters (where applicable), instructions & a case fitted with room for two cylinders of calibration check gas.

773115 (476609) **$311.95 B**



MSA Gas Detectors



MSA Altair Pro
Single-Gas Detector - Remote Oxygen Detector

Tough rubberized housing. One-button operation. Accurately measures the gas concentration or percent oxygen. Displays information on a large, clear, backlit LCD. Event-logging and data-logging. Excellent impact resistance. Great RFI performance. Adjustable alarm set points are offered for LOW and HIGH. Alarms are indicated by flashing LEDs, an audible alarm, and an internal vibrating alarm. Replaceable battery and sensor. This O_2 sensor is attached remotely at the end of a ten-foot cable, rather than inside the instrument's casing. This design allows the user to lower the sensor into a remote location and monitor the O_2 level from ten feet away.

773140 (10076733) **$550.00 A**



MSA Solaris® Multigas Detector

Easy to use and maintain. Full featured. Unobtrusive lightweight design. Rubber armored case. $IP6_5$ rating provides superior protection against liquid and dust ingress. 100+ dB alarm horn. Vibrating alarm standard. Patented MSA sensor technology inside. MSA TIM System compatible. 14+ hour run time.

773103 (10048214) Oxygen, Explosive Gases **$756.95 B**
773105 (10046528) University Pump Probe **$439.95 B**

Chieftain Firefighter Apparel



NEW Size

Chieftain 35M System Firefighter Apparel
The Chieftain 35M Firesuit Turnout Gear Systems offer the optimal blend of dependable protection and user comfort. Meets the dual certification of NFPA 1971-1977 edition.

284517 (35MS332) Large Fits Chest Sizes: 43" 46" **$1,315.95 E**
284518 (35MS332) X-Large Fits Chest Sizes: 47" 50" **$1,315.95 E**
284519 (35MS332) XX-Large Fits Chest Sizes: 51" 54" **$1,315.95 E**

Casco Industries Thorogood Shoes
Rubber insulated felt fire boot with lug sole. Upper: Flame/heat-resisting rubber. Construction: Vulcanized rubber/shoe fit engineered. Outsole: Flame/heat resisting white "traction lug". Lining: 3.5mm polyester needled felt with heel reinforcement. Insole: Removable superknit covered polyurethane. Midsole: Stainless steel puncture resisting bottom plate. Shank: Steel triple ladder shank. Special features: Meets both NFPA requirements. UL Certified. Blood borne pathogen compliant. ASTM F 2413-05 M/I/75/C/75 oversized steel toe. Electrical hazard. Double reinforced pull loops.Cushioned shin guard. Light-reflecting instep and heel patches.

235151 (8076003) Size: 9M **$242.95 E**
232152 (8076003) Size: 10M **$247.95 E**
232153 (8076003) Size: 12M **$242.95 E**

Lifeline - 100' Stainless Steel with Bronze Snaps
248536 **$95.00 E**



NEW ITEM

Brooks "H" Back Suspenders
Fully adjustable. Red.

264119 (HBS) **$38.95 E**

MSA Firefighter Helmet



MSA Cairns® 1044 Firefighter Helmet
Non-corroding, high-temperture resistant, faceshield/goggle hardware. Rugged, high-temperature edge will not melt or drip. Easy front headband adjustment for proper SCBA mask fit. Simple rear ratchet height adjustment to fit all head sizes. Durable helmet hanger fits on large hooks and resists bending. Unique tube-lock system absorbs the shock of an impact. Color: Yellow. 4" Gold-Coated Faceshield. Earlaps: Yellow Nomex. Trim color: Lime Yellow. Meets or exceeds NFPA 1971-1997.

284529 (757111311000) **$206.95 E**

NEW ITEM



Brooks Firefighting Hood
Nomex/Lenzing firefighting hood with comfort. Plus liner.

264117 (BZ33) **$47.95 E**



Fire Fighting Gloves
Supple all-leather construction. Roomy gunn-cut design with wing thumb. Four layer Kevlar knit wrist and extra-long pull-patch. Seamless index finger for extra durability. Full sock-type liner of comfortable flame resistant SEF material. 2" leather cuff. Very lightweight. Meets FED, CAL-OSHA specifications.

318217 (Fireman VI) **$67.95 E**



Pelican "Big Ed" Firefighters Flashlight
Water resistant. 55,000 candlepower heavy duty flashlight designed for the firefighter. Push button quick change battery replacement. Body made of chemical resistant unbreakable ABS. 50 hour lamp life. Comes with emergency spare lamp and heavy duty clip for wearing on shoulder strap or belt. Uses (4) C Cell Batteries (Not included).

511275 (3700) **$125.95 G**

MSA Airhawk® MMR Air Mask - SCBA

MSA AirHawk® MMR Air Mask - SCBA

A pressure demand apparatus designed to maintain a slight positive pressure of air inside the facepiece during inhalation and exhalation. Positive pressure helps prevent contaminants from entering the facepiece, should there be small breaks in the face-to-facepiece seal. Offers lightweight, durability and comfort in an economical package. Designed with the user in mind, the AirHawk SCBA will go with you in the many applications that do not require NFPA-1981 compliance. Comes complete with low pressure 2216PSG aluminum cylinder. The harness assembly comes with standard nylon with chest straps. (Kevlar straps are available by special order).

773235 (B-ALB01G0C110-0) 30 Minute SCBA **$1,649.95 C**
773247 (492435) Carrying Case **$265.95 C**
773259 (809872) Spare Aluminum Cylinder **$590.95 C**



MSA Walkaway Mounting Bracket for Airhawk SCBA

This storage unit can be mounted with screws on rescue or fire vehicles or any permanent surface. The spring clips permit the wearer to strap on the apparatus unassisted. By stepping forward, the wearer snaps out of the bracket.

773239 (39851) **$234.95 C**



773239



MSA Ultra-Twin Full-Facepiece Respirator

Features an inturned lip around the edge for a secure, comfortable seal against the face, a large chin cup for easy positioning, as well as five suspension headstraps and roller buckles that hold the facepiece in place while minimizing hair entanglement. The wide polycarbonate lens resists scratching and chemical attack and is held in place by a two-piece lens ring which is color-coded to indicate the size of the facepiece. The Ultra-Twin includes a speaking diaphragm for clear, short-range communications, a nosecup to reduce lens fogging and uses the full line of Comfo cartridges and filters. Silicone.

773227 (480259) Medium **$277.95 D**
773229 (492790) Cartridges, 10 Per Box **$57.95 D**

Complete Line of SCBA's Available Call for Pricing



Junkin Safety Blankets



Junkin Fire Blanket and Bag

100% processed wool blanket - treated with fire-resistant chemical. Machine washable. Conforms to Federal Flammable Fabrics Act CS-191-53. Blanket measures: 62" x 84". Comes with vinyl coated nylon bag.

429212 (JSA-1003) **$96.95 B**



Junkin First Aid Blanket

This warm utility blanket is machine washable. It is excellent for indoor and outdoor general utility purposes. Made of 70% wool and 30% man-made materials.

429224 (JSA-502) **$37.95 B**

Safegard Type II Boating Vests



Safegard Type II Boating Vests

Standard Yoke Vest, essential for your everyday boating needs and every canoe livery operation. Standard boxed yoke unit hangs for easy drying. USCG Approved Type II PFD. Color: Orange.

586644 (4280) Adult - XXL Large 40" - 60" Chest **$8.95 F**
586666 (4270) Adult **$8.95 F**
586670 (4250) Youth - Medium **$8.95 F**
586682 (4230) Child - Small **$8.95 F**



Safegard Storage Bag with 4 Adult Type II Boating Vests

This life jacket storage bag comes with 4 Adult Type II Boating Vests. The clear window makes it easy to verify contents while a mesh upper panel allows air to circulate. Handles are located on each side for carrying convenience. It is easily cleaned with soap and water. Ideal for life vest storage.

586555 (420719) Includes: 4 Adult Type II Boating Vests **$40.95 F**



Safegard Life Jacket Storage Hassock

This life jacket storage hassock holds up to 6 Type II PFDs. The clear window makes it easy to verify contents while a mesh upper panel allows air to circulate. Handles are located on each side for carrying convenience. It is easily cleaned with soap and water. Ideal for life vest storage. Measures 12-1/2" x 20" x 15".

586543 (4210-03) Bag Only **$10.95 F**

Mustang Inflatable PFDs



Mustang AirForce™ Inflatable PFDs

Compact design lays flat against chest for freedom of movement. Comfortable inflated and uninflated. Non-corrosive quick-release buckle. Repacking is quick and easy. Features: Comfortable Neoprene collar. Durable 40 denier ripstop nylon. Deluxe models have safety inspection window that indicates inflator is ready for use. Backup oral inflation tube. Other colors available by special order.

350570 (MD3003) Manual Navy **$201.95 E**
350582 (MD3031) Automatic Navy **$244.95 E**
350619 (MA7170) Rearm Kit for **350570** (3003) **$20.95 D**
350621 (MA7172) Rearm Kit for **350582** (3031) **$27.95 D**



Mustang Deluxe Inflatable PFDs

For those wanting the security of automatic inflation. The auto-bobbin activated Deluxe Inflatble PFD uses inflator technology that incorporates a small bobbin containing cellulose powder. When the inflator is immersed in water, the powder dissolves, releasing a firing mechanism that automatically inflates the PFD - will also inflate manually by pulling the activation cord. Neoprene comfort collar eliminates neck irritation. High performance inflatable cell with 35 lb. of buoyancy - more than double a regular lifejacket. D-ring. Universal Adult (30" - 52" Chest).

350594 (MD3085) Manual Navy/Carbon **$234.95 E**
350607 (MD3087) Automatic Navy/Carbon **$276.95 E**
350633 (MA7202) Rearm Kit for **350607** (3087) **$33.95 D**
350645 (MA7203) Rearm Kit for **350594** (3085) **$24.95 D**

ANCHORS, HORNS, SAFETY

Storage Bags for Jackets



Marpac Safety Gear Bag

Rugged vinyl material. Noncorrosive zipper. Top and side carry handles. Extra sturdy seams. Dimensions: 26" L x 12" W x 17" H.

7-0045 **$14.95 F 3Q**



ACR RapidDitch Express Bag

Buoyant abandon ship survival gear bag. Large capacity holds your essential gear. Four snap-hook tethers keep product in place. Closed cell "life jacket" foam construction. Internal pockets. Water resistant, rugged 600 Denier Polyester with large self-repairing zippers. Built-in tether strap for bag to allow hands free use in water. External pocket allows for instant access to EPIRB.

200066 (2273) **$67.95 D**

Kwik Tek T-BAG

Life Jackets Not Included



587658



587660

Kwik Tek T-Bag T-Top Storage Packs

Specially designed storage packs that easily mount to most T-Tops, bimini tops and pontoon tops. They are designed to hold Type II life jackets and other gear. Main compartment has a nylon zipper for easy access to life jackets. Also features: (2) Zippered compartments and (3) mesh pockets to organize gear or other items. Stretch cord zig-zagging across bottom for towels, rain gear, etc. Made of 600-denier UV and water-resistant polyester pack cloth. LIFE JACKETS NOT INCLUDED.

587658 (PFD-T4) Hold 4 Jackets 25" W x 20" D x 6" H **$39.95 F**
587660 (PFD-T6) Hold 6 Jackets 37" W x 20" D x 6" H **$44.95 F**

Safegard Boat Seat Cushions



Safegard Boat Seat Cushions

Standard cushions are all nylon and provide UV deterioration resistance. USCG Approved Type IV throwable devices.

586757 (8078-03)	Blue	**$10.95 F**
586769 (8078-01)	Red	**$10.95 F**
586777 (8078-02)	White	**$10.95 F**
586822 (8082)	Camouflage (Mossy Oak)	**$12.95 F**

Safegard Type 1 Commercial Vests



Safegard Type I Commercial Vests

Permafloat foam flotation, covered in orange nylon. Polypropylene straps, stainless steel snaps and D-rings. Reflective patches are sewn as required for all commercial vessels. Yoke type for easy storage. Ideal for ferry and large passenger vessels. 22 lbs. flotation. USCG approval #160.055/149/0.

586012 (160RT) Adult **$54.95 H**
586000 (160RT) Adult - 4 Pack **$137.95 H**
586013 (161RT) Child **$51.95 H**



Safegard Type I SOLAS Commercial Vests

Constructed of sturdy nylon fabric cover, lightweight closed cell foam flotation, heavy webbing that resists UV deterioration and stainless steel hardware. Dimensions: 12" W x 24-1/2" L x 4-1/2" H. USCG Approvals #160.055/170/0 and 160.155/6/0 (SOLAS). Minimum buoyancy is 35 lbs. (Adult) and 17 lbs. (Child).

586101 (225RT) Adult **$57.95 H**
586125 (226RT) Child **$54.95 H**



Safegard Type I Commercial Vest

The most comfortable and only reversible Type I life jacket in the industry. Model 198RT features: (1) encircling belt, 200 denier nylon, (8) large reflective tape patches, light loop over shoulder and the strongest snap and D-rings available in the industry. USCG Type I Approved under CFR 160.055 to provide a minimum of 22 lbs. of buoyancy. Size: Adult - 30" to 52" chest size range. Color: International Orange.

585996 (198RT) Adult **$61.95 H**

Stearns Type I Floatation Vest



Stearns Deluxe Merchant Mate II™ Type I Vest

Offshore vest with encircling belt. Foam-filled collar head support and hinged back panel. Aquafoam flotation, 210 denier nylon shell and lining, 62 sq. in. SOLAS-grade reflective panels and (2) chest adjusters, velcro patch on shoulder of vest to mount light. Features: USCG Approved whistle with pocket for whistle and light storage. Special opening on back to accommodate most brands of fall projection harnesses. Provides a minimum of 22 lbs. (98 Newtons) of buoyancy. Size: Universal adult. Color: International Orange. USCG Type I Approved.

630665 (I600) **$144.95 E**

Safegard Type V Work Vest



Safegard Type V Work Vest
Unicellular flotation foam is guaranteed not to waterlog if cut or puncture. Covered in orange 200 denier nylon. Manufactured to USCG specifications Includes: 1" polypropylene webbing, stainless steel slides and heavy duty plastic buckles. Reflective tape included on front and back for extra safety. USCG Approval #160.053/90/0 for Adult over 90 lbs.

586202 (290EFRT) Adult **$60.95 H**



Safegard Vinyl Dip Work Vest
Rugged and durable vinyl-dipped work vest for all industrial applications. Flotation foam retains buoyancy even when punctured. Acrylic layer sealant over PVC coating resists deterioration and is easy to clean. Large opening on back panel accommodates most brands of fall protection harnesses. 17-1/2 lbs. of buoyancy. USCG Approved Type V Work Vest for 32" to 54" chest size range. CFR 160.053 compliant and CFR 1926.106 (OSHA) compliant.

585957 (280RT) Adult **$42.95 E**

Billy Pugh Type V Marine Work Vests

Billy Pugh Type V Marine Work Vests
All flotation material is coated with vinyl which is tough, fire retardant, self-extinguishing, highly abrasive resistant and easily cleaned. This material is resistant to oil, gasoline and basic chemicals. Adjustable 1" black nylon webbing straps securely sewn with nylon thread, helping to prevent rot and mildew. Heavy duty aluminum slides and acetal closures resist corrosion. Certified and tested by USCG. Marking & labeling is screen printed in water-resistant, vinyl ink.

484472 (WVO-50T) With Tape **$55.00 E**
484496 (WVO-50S) With Slot for Harness **$57.00 E**



Stearns The Force II™ Work Vest

STEARNS



630518

Stearns The Force II™ Work Vest
Rugged work vest for all-around industrial use. Aquafoam flotation foam retains buoyancy even when punctured. Coated with strong, durable, easy to clean PVC. Available with Delrin snap hooks and D-rings. Now with additional chest strap. Opening on back to accommodate most brands of fall protection harnesses. Heavy duty construction. Two encircling belts with snag resistant buckles. Uses 3M Scotchlite Reflective Material SOLAS-grade 3150-A PS with adhesive backing on panels. Self-extinguishing under ASTM1692-74. USCG Approved Type V. 17-1/2 lbs. of buoyancy.

630517 (I223) **$46.95 E**



Pockets for The Force II Work Vest. Set of two removable pockets to fit most models of vinyl dip work vests. Made from tough 600D polyester with reflective tape. Front pocket made to hold a knife, snacks, etc. Large back pockets to accommodate radio and battery equipment, etc.

630518 (I223PKT) **$27.95 E**

Work Vests



Safegard Mesh Industrial Vests

Lightweight and durable mesh on the upper half and body contoured fabric covered foam panels on lower half. All models includes: A durable YKK #10 zipper, reflective tape stripping, (2) gusseted pockets, (2) lash tabs and D-ring for gear attachment. USCG Approved Type III Flotation Vest. CFR 160.064 compliant.

585968 (2210 S/M)	32" - 39" Chest	**$54.95 E**
585971 (2210 L/XL)	40" - 50" Chest	**$54.95 E**
585983 (2210 2XL/3XL)	50" - 60" Chest	**$54.95 E**



Stearns The Work Master™ Work Vest

The finest work vest available. Includes: Soft, comfortable closed cell foam and body encircling belt with Delrin buckle for quick adjustment. Maximum comfort in a work vest. Features: Hinged back panel, marine mesh lining for air circulation, flotation collar for added protection, heavy duty nylon shell, 64 sq. in. of SOLAS grade reflective tape. Size: Universal adult. Color: International Orange. USCG Approved Type III/V Work Vest.

630512 (I222) Adult **$87.95 E**



Stearns

The Deck Hand II™ Vests

A heavy duty flotation vest features: 10 flotation panels for a comfortable, contoured fit. Has rustproof Vislon zipper and heavy duty encircling body belt. Features: Side and shoulder adjustments, tough nylon shell, sized for a comfortable fit. Complete with 64 sq. in. of SOLAS grade reflective panels. Color: International Orange. USCG Approved Type III Work Vest. Includes reflective tape.

630524 (I416) Medium	**$62.95 E**
630536 (I416) Large	**$62.95 E**
630548 (I416) X Large	**$62.95 E**
630550 (I416) XX Large	**$62.95 E**



Stearns Comfort Series™ Utility Vests

An extremely comfortable flotation vest. Features: 100% nylon lower shell and lining with a 100% polyester mesh upper shell and lining. Heavy duty zipper with two 1" body belts. Two pockets with "D" ring on right pocket. Color: International Orange. USCG Approved Type III.

630562 (I424) Medium	**$62.95 E**
630574 (I424) Large	**$62.95 E**
630586 (I424) X Large	**$62.95 E**
630598 (I424) XX Large	**$62.95 E**
630600 (I424) XXX Large	**$65.95 E**
630555 (I422) XXXX Large (not shown)	**$64.95 E**



Stearns

The Versatile™ Vests

Stearns best selling, most versatile flotation vest. Tough nylon shell with seven piece foam design for all day comfort. Features: Four roomy pockets with full Velcro closures and rustproof Vislon zipper. Features: Multiple foam inserts for exceptional flexibility and freedom, adjustable sides for fit and comfort, 64 sq in. of SOLAS grade reflective panels, eyelets for attaching rescue light. Color: International Orange. USCG Approved Type III Work Vest. Comes with reflective panels.

630613 (I465) Medium	**$83.95 E**
630625 (I465) Large	**$83.95 E**
630637 (I465) X Large	**$83.95 E**
630649 (I465) XX Large	**$83.95 E**
630648 (I465) XXX Large	**$86.95 E**

Reflective Tape



3M Scotchlite™ Reflective Material
Scotchlite SOLAS Material is a silver, flexible high intensity reflective material with an aggressive pressure sensitive adhesive. It has an encapsulated lens optical design that provides high reflectivity over a wide range of entrance angles. Material is Coast Guard and IMO Certified. 1 roll per case.

855633 (88619) 2" x 50 yds. **$301.95 H**



ACR Res-Q™ Reflective Tape
Self-adhesive retro-reflective tape. Millions of microscopic glass beads provide high visibility aiding both day and night rescue. Applies to virtually any surface making it ideal for life jackets, rafts, survival suits and work vests. Four 4" x 4" sheets per card provides 64 sq. in. of reflective surface. USCG approval #164.018/4/0 and complies with SOLAS 74/83. Sold 4 per skin packed card.

200054 (2215) **$13.95 E**

Stearns Flotation Jackets and Rainsuits



Stearns Bomber Style Flotation Jacket
Features: Cut waist-length for freedom of movement. Soft Suisse Aire foam with a coated nylon shell. Four pockets, sleeve utility pocket and inside chest pocket. Rib knit waistband and wrist bands. Internal adjustable belt. SOLAS grade reflective tape. USCG Approved Type III.

Special Order - Allow 2 Weeks for Delivery



Stearns Flotation Jacket
Features: Concealed hood, storm cuffs and sealed seams to keep out wind and water. Comfortable Suisse Aire foam for flotation and insulation. Two way zipper with storm flap handwarmer and cargo pockets. Mid thigh for foul weather protection. Available in sizes: Small to XXX Large. Color: International Orange, Navy, Orange/Navy. USCG Approved Type III.

Special Order - Allow 2 Weeks for Delivery



Stearns Rainjammer® - 30 Rainsuits
Constructed of heavy duty .30mm PVC/polyester. High-wear areas of elbows and knees are reinforced to ensure durability. Jacket features snap front, corduroy lined collar, vented back and underarm air vents. Dual-entry pockets. Pants have elastic waist, snap fly and snap adjustable leg openings. Yellow.

514122 (8265) Large **$22.95 E**
514126 (8265) X Large **$22.95 E**
514127 (8265) XX Large **$22.95 E**
514128 (8265) XXX Large **$22.95 E**



NEW Size

Stearns Driflex™ Nylon Rainsuits
100% waterproof .20mm PVC with nylon backing. Jacket features include zipper closure with snap storm flap, adjustable storm hood with bill, elastic cuffs with snap adjustment, snap closure patch pockets with side entry and vented cape back. Pants feature an elastic waist and snap adjustable leg openings. Yellow.

630663 (8155) Medium **$39.95 E**
630675 (8155) Large **$39.95 E**
630687 (8155) X Large **$39.95 E**
630699 (8155) XX Large **$39.95 E**
630703 (8155) XXX Large **$54.95 E**

Immersion Suits



International Approval Chart/Model Numbers

Ship's Registry	Approval	Adult	Jumbo	Intermed.	Child
U.S.A.	U.S.C.G. #160.171/2/0	1409-A			
U.S.A.	U.S.C.G. #160.171/3/0		1409-J		
U.S.A.	U.S.C.G. #160.171/21/0			1409-0	
U.S.A.	U.S.C.G. #160.171/4/0				1409-C

Features Included: High-rider ring and storage bag.

Size	Height Range		Weight Range	
	M	FT/IN	KG	LBS
Adult	1.5 to 1.9	5' 4" to 6' 3"	50 to 150	110 to 330
Intermediate	1.47 to 1.77	4' 10" to 5' 10"	Up to 81	Up to 180
Jumbo	Over 1.9	Over 6' 3"	Over 150	Over 300
Child	Up to 1.5	Up to 59"	Up to 50	Up to 110

Donovan Offers A Full Service Station

To pressure test and inspect suits. Suits must be in serviceable condition at all times. The pressure test can reveal leaks that can not be seen with the naked eye. A well maintained suit increases your chance of survival, lasts longer and saves you time and money. An experienced service technician can find seemingly minor defects that can cause major problems.

The High Rider Ring

It is made of neoprene and attached by zippers making it easy for you to replace yourself. Most other suits have air bladders (high rider rings) that must be brought into a certified station to be replaced.

Features:

- Three Fingered Mitt to Keep Your Fingers Warmer
- Two Zipper Tab Pulls On Zipper
- Wide Legs to Allow Quick Donning
- Toe Valves That Purge Water Very Fast
- Face Seal is Soft and Flexible
- Back Straps Keep the Ring in Place
- Suits Are True to Size
- Sturdy Carrying Bag with Two Handles

Imperial Immersion Suits

400313 (80-1409-J) Jumbo **$402.95 B**

400325 (80-1409-A) Adult **$348.95 B**

STEARNS

NEW ITEM



Stearns Cold Water Immersion Suits

Designed for the most severe water offshore conditions. Exceeds USCG and International Maritime Specifications for hypothermia protection. Every suit has been inflated, seam tested, and fully inspected. USCG approved. Complies with SOLAS 83. Features: Retro reflective material front and back. Unrestricted vision in excess of 120 degrees. Storage minus 20 degrees (-4F) to 60 degrees celsius (140F). Impact tested. Lightweight. Five fingered glove for dexterity. Waterproof zipper. Face seal and flap. Tests by the USCG specify that a temperature drop of no more than 2 degrees celsius be experienced over a six hour period. The Stearns Cold Water Immersion Suit was tested using medical students at the University of Minnesota, Hypothermia-Water safety institute. Extrapolation beyond six hours in some instances could have provided survival toward infinite. Color: International Orange. Size: Universal adult - to fit persons ranging in weight from 110 lbs. to 330 lbs. and in height from 59" to 75".

630651 (I590) Adult - Universal **$479.95 E**

For people up to 350 lbs./75" tall.

630652 (I590AO) Adult - Oversized **$539.95 E**

STEARNS



Stearns Thermal Protective Aid

Designed for hypothermia protection during prolonged exposure in life rafts or lifeboats. Waterproof polymer coated fabric has very low thermal conductivity to reduce heat loss in cold, wet conditions. Attached sleeves. 62 sq in of reflective material, taped seams for strength, extra-large sizing to fit over all clothing. USCG approved, complies with SOLAS 74/83.

436469 (ITP1) **$65.95 E**

Marpac Pre-Packaged U.S. Coast Guard Compliance and Safety Kits

The "Runabout"

Special Handling May Apply

Packed in 4 Color Display Carton

Now with 10# Utility Anchor



This kit contains the following items:

- (1) Visual distress signal kit
- (4) Adult vests - PFD Type II
- (1) 5 B:C fire extinguisher
- (1) 1/4" galvanized shackle
- (1) 3/8" x 100' pre-spliced nylon anchor line
- (2) 3/8" x 15' pre-spliced nylon dock lines
- (1) Freon horn
- (1) Buoyant cushion - PFD Type IV
- (1) 10# Utility anchor
- (1) Coast Guard regulation booklet

7-0742 (CGK-02) **Price on Request**

The "Small Boater"

Special Handling May Apply

Packed in 4 Color Display Carton

Now with 10# Utility Anchor & 8 oz. Horn



This kit contains the following items:

- (1) Visual distress signal kit
- (4) Adult vests - PFD Type II
- (1) 5 B:C fire extinguisher
- (2) 1/4" galvanized shackles
- (1) Life preserver bag
- (1) 3/8" x 100' pre-spliced nylon anchor line
- (1) 8 oz. Freon horn
- (1) Buoyant cushion - PFD Type IV
- (1) 10# Utility anchor
- (1) Coast Guard regulation booklet
- (2) 3/8" x 20' pre-spliced nylon dock lines

7-0744 (CGK-04) **Price on Request**

The "Mid-Range Deluxe Boater"

Special Handling May Apply

Packed in 4 Color Display Carton



This kit contains the following items:

- (1) Visual distress signal kit
- (4) Adult vests - PFD Type II
- (1) 10 B:C fire extinguisher
- (2) 5/16" galvanized shackles
- (1) Life preserver bag
- (1) 1/4" x 4' PVC coated galvanized anchor lead chain
- (1) 3/8" x 150' pre-spliced nylon anchor line
- (1) Freon horn
- (1) Buoyant cushion - PFD Type IV
- (1) #8 Deluxe anchor
- (1) Coast Guard regulation booklet
- (2) 3/8" x 20' pre-spliced nylon dock lines

7-0745 (CGK-05) **Price on Request**

The "Deluxe Yachtors"

Special Handling May Apply



This kit contains the following items:

- (1) Distress day/night distress signal kit
- (1) Freon horn
- (6) Adult vests - PFD Type II
- (2) 10 B:C fire extinguishers
- (2) 3/8" galvanized shackles
- (1) Safety gear bag
- (1) 5/16" x 6' coated galvanized anchor lead chain
- (1) 1/2" x 150' pre-spliced nylon anchor line
- (1) Deluxe first aid kit
- (1) Whistle
- (1) Buoyant cushion - PFD Type IV
- (1) #13 Super Penetrator anchor
- (1) Coast Guard regulation booklet
- (2) 1/2" x 25' pre-spliced nylon dock lines

7-0747 (CGK-07) **Price on Request**

Marpac Pre-Packaged U.S. Coast Guard Compliance and Safety Kits



Coast Guard Safety Package #2

Package contains the following:

(1) 344291 Safety Gear Bag
(1) 344465 White Nylon Cushion
(1) 418038 Whistle
(4) 344166 Foam AK-1 Jackets
(1) 512145 Fire Extinguisher
(1) 511915 Paddle

7-0735 **Price on Request**



Coast Guard Safety Package #1

Package contains the following:

(1) 344291 Safety Gear Bag
(1) 344465 White Nylon Cushion
(1) 414219 Push Button Air Horn
(1) 511915 Paddle
(4) 344166 Foam AK-1 Jackets
(1) 512137 Fire Extinguisher with Gauge
(2) 638023 3/8" x 15' Mooring Lines

7-0734 **Price on Request**

Pre-Packaged U.S. Coast Guard Compliance and Safety Kits - UPS Able



Budget Boater Kit

This kit contains the following items:

(4) 4270 - Life Vest Adult
(1) 8078-02 - Cushion White
(1) CGB - Booklet Coast Guard
(1) 95016 - Economy Anchor 10 lb.
(1) SH-1/4 - Glv. Comm Grd Anchor Shackle
(1) 15262 - Dockline Twist 3/8 x 15
(2) 11089 - Anchor Line Twist 3/8 x 100
(1) Sh3 (050010) Super Sound Horn 1.5

7-0738 **Price on Request**



Small Boater Kit

This kit contains the following items:

(4) 4270 - Life Vest Adult
(1) 8078-02 - Cushion White
(1) CGB - Booklet Coast Guard
(1) 95016 - Economy Anchor 10 lb.
(1) 10200 - Gear Bag
(2) SH-1/4 - Glv. Comm Grd Anchor Shackle
(2) 15263 - Dockline Twist 3/8 x 20
(1) 11090 - Anchor Line Twist 3/8 x 150
(1) PBSHN - Push Button Horn 8 oz.
(1) CH020020 - VC Anchor Chain 1/4 x 4

7-0739 **Price on Request**



Mid Range Kit

This kit contains the following items:

(4) 4270 - Life Vest Adult
(1) 8078-02 - Cushion White
(1) CGB - Booklet Coast Guard
(1) 95040 - Super Hooker Anchor 8-S
(1) 10200 - Gear Bag
(2) SH-5/16 - Glv. Comm Grd Anchor Shackle
(2) 15263 - Dockline Twist 3/8 x 20
(1) 11090 - Anchor Line Twist 3/8 x 150
(1) PBSHN - Push Button Horn 8 oz.
(1) CH020020 - VC Anchor Chain 1/4 x 4

7-0740 **Price on Request**

Deluxe Yachtors Kit

This kit contains the following items:

(6) 4270 - Life Vest Adult
(1) 8078-02 - Cushion White
(1) CGB - Booklet Coast Guard
(1) 95045 - Super Hooker Anchor 13-S
(1) 10200 - Gear Bag
(1) 964 - Weekender First Aid Kit
(2) SH-3/8 - Glv. Comm Grd Anchor Shackle
(2) 15269 - Dockline Twist 1/2 x 15
(1) 11091 - Anchor Line Twist 1/2 x 150
(1) PBSHN - Push Button Horn 8 oz.
(1) CH020030 - VC Anchor Chain 5/16 x 5
(1) SF010010 - Whistle Orange 60MM

7-0741 **Price on Request**

Personal Rescue Lights for Life Vests



ACR C-Light™ Personal Emergency Light

Attaches easily to life vest or jacket with stainless steel pin or integral lash loops and Velcro strap. Slim lightweight design fits easily in a pocket, hangs discreetly when attached to life vest or jacket. Waterproof and corrosion resistant case. Twist on/off control. Intense incandescent light visible for up to 2 miles, depending upon conditions. Lens simultaneously focuses a beam of light straight ahead and a ring of light all around. Operates on (2) "AA" alkaline or 1.5V lithium batteries. **Not included.** Operating life - Exceeds 8 hours at -1° C (30° F). Dimensions: 5.6" x 1.3". USCG Approved.

200093 (3354) **$9.95 E**



ACR L8-3 Personal Rescue Light

Lamp and lens combo produces a brilliant light visible for over 1 mile. Operates in fresh or salt water. Water activated battery has extended useful life with plugs left in place. Standard length lead wires is 18". Pull tab, immerse in water to activate. Operating life - Exceeds 8 hours. International Orange. USCG Approval 161.012/22/0.

200256 (L8-3) **$16.95 E**

NEW ITEM



Cyalume Solas Personal Light Marker

A dual function lifejacket light. When immersed in water, the electronic portion of the SOLAS PML automatically starts flashing with a bright, white light that lasts for 8 hours. The green ChemLight can be manually activated by squeezing the handle. When the protective sleeve is removed, 360° of steady light is revealed. The SOLAS PML is visible up to 1 nautical mile and up to 3 by air. USCG, SOLAS and Wheelmark Approved.

266570 (9-00350) **$29.95 H**



ACR HemiLight™ Survival Locator Light

Water sensor activates when in contact with water. Bright, steady light of .75 cd intensity visible all directions of the upper hemisphere. Attachment tabs accommodate up to 1" wide webbing. Single piece construction for ease of handling. Dragon clip provides secure retro-fit attachment to almost any style life jacket in a matter of seconds. Compact size for ease of storage. Dimensions: 2.9" x 1.6" x 1.5". Operates in fresh or salt water. Operates on one lithium battery. Operating life - Exceeds 8 hours at -1° C (30° F). USCG and SOLAS Approved.

200245 (3766) HL8-9A **$27.95 E**



Fulton Model 102 Life Vest Light

International Orange with safety pin attached. Emits bright white light with (1) "D" alkaline battery. USCG Approval 161.012/11/0.

200090 (102-B) **$10.95 H**



Cyalume Personal Light Marker

It has a protective plastic outer sleeve and emits 360° of illumination that is visible up to 1 nautical mile and up to 3 by air. The PML offer PFD clip attachment, one hand activation, and is maintenance free, non-toxic, non-flammable and waterproof. Applications: Personnel identification, rescue-at-sea signal, man-overboard light, evacuation signal. USCG Approved for waters above 50°F. USCG Approval 161.012/2/1. NSN approved with a wide range of uses. Color: Green. Duration: 8 hours.

266569 (9-80770) **$14.95 H**

Strobe Lights



CAL-JUNE

Jim-Buoy Man-Overboard Light

Toughest construction yet relatively small and lightweight. Made from injection molded plastic that is almost indestuctible. Merely pick it up and point, it starts automatically. When thrown overboard, the light automatically commences to flash a bright flashing strobe light visible for miles. Extensively tested to withstand 90 foot drops into the ocean. Operates on (4) "D" alkaline batteries. **Not included.** Includes: Stainless steel mounting rack. USCG Approval #161.010/12/0.

267763 (1820) **$205.04 H**
267770 (1821) Stainless Steel Mounting Rack **$13.95 F**

ACR

ACR SM-2 Crew-Overboard Marker Light - Automatic



Automatically lights itself and activates when in the water. High intensity Xenon strobe gives 360° visibility. Brighter light in all directions. Upgraded polycarbonate blend case, improved impact rating; UV, temperature and chemical resistant. Includes float-free bracket. 60 flashes per minute lamp. Operates on (1) 6 volt screw terminal battery. **Not included.** Operating life - minimum 36 hours continuous. Dimensions: 13.8" x 4.8". USCG and SOLAS Approved.

200333 (3940.1) SM-2 **$149.95 E**
201246 (A1-18-0865) Mounting Bracket **$39.95 E**
201208 (9021.1) Top Cap & Pole Strobe Assembly **$113.95 E**

Forespar



Forespar WL-1 Floating Strobe Light

Automatic floating strobe light with stainless steel float-free mounting bracket. Produces brilliant strobe flashes automatically when thrown overboard and is visible for miles at sea. Unit will flash at the required rate for over 52 hours and will still flash at least every 2 seconds after 7 days of continuous operation. Operates on (1) 6 volt screw terminal battery. **Not included.** USCG Approval #161.010/20/0.

353108 (205102) **$166.95 H 6L**
353109 (205113) Mounting Bracket **$39.95 H**

Harnesses



MSA FP Pro™ Harness

It provides comfortable protection due to its super lightweight features and durable webbing. Vest style. Fits a wide range of body types and sizes. Color contrasting thigh and torso straps simplify donning. Meets ANSI A10.14 and OSHA Standards. CSA certified.

773273 (415947) **$51.95 B**

CAL-JUNE

Jim-Buoy Tran-Pac Captain's Harness

Brilliant yellow polypropylene webbing. Wide 2-1/2" main belt with 1" leg straps easily removed when not required. Tested to our maximum 1,100 lbs. All nonmagnetic stainless steel hardware throughout. All buckles are USCG Approved. Includes: 10' lanyard with (2) carabiner snaps for on-deck movement.

267890 (822) **$76.40 H**

MSA Lanyards



MSA FP Diamond Shock Absorbing Lanyard

Durable polyester sheath for increased abrasion and UV resistance. Keeps fall arrest forces forces below 900 lbs. Meets ANSI Z359.1 and OSHA Standards. Length 6'.

773297 (10023932) **$49.95 B**



MSA Aptura LT12 Self-Retracting Lanyard

A durable, engineered thermoplastic housing. Rugged, impact-absorbing protective bumpers. A field-replaceable lifeline option. A lightweight design starting at 2.4 lbs. A standard lifeline length of 12'. A 400 lb. working capacity. A constant lock-up rate. An integral load indicator. SRL connector with integral swivel. Meets ANSI A10.14, ANSI Z359.1, all applicable OSHA Standards and is CSA Certified.

773285 (10042171) **$147.95 B**

Life Ring Buoys and Horseshoe Buoys

Jim-Buoy Life Ring Buoys
Nylon vinyl skin. Urethane foam core. Tough and highly resistant to gasoline, oil and most chemicals. USCG Approved.

White Life Ring Buoys with Beckets

266002 (JBW-19) Diameter 19" **$64.98 H 6J**
266038 (JBW-20) Diameter 20" **$70.57 H 6J**
266052 (JBW-24) Diameter 24" **$78.09 H 6J**
266076 (JBW-30) Diameter 30" **$92.03 H 6J**

Orange Life Ring Buoys without Beckets

266090 (JBO-X-20) Diameter 20" **$70.57 H 6J**
266153 (JBO-X-24) Diameter 24" **$78.09 H 6J**
266165 (JBO-X-30) Diameter 30" **$92.03 H 6J**

Orange Life Ring Buoys with Retro-Reflective Tape

266191 (JBO-X-24T) Diameter 24" **$95.95 H 6J**
266216 (JBO-X-30T) Diameter 30" **$109.95 H 6J**
266305 (JBSO-30T) Diameter 30" (SOLAS Approved) **$112.23 H 6J**

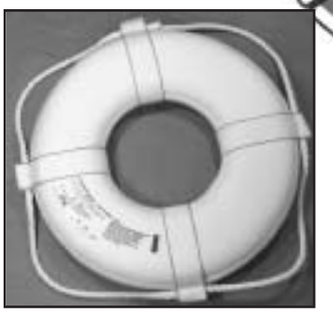
Black Braided Polypropylene Rope

267560 3/8" (Per Foot) **$0.10 A**

CAL-JUNE



266090



266002

Jim-Buoy Life Ring Buoy - Hard Shell Series
Features: Orange, rock hard, cross-linked polyethylene outer shell. Molded-in rope holes. Black 3/8" polypropylene rope can be easily replaced. Will not rot or mildew. Unaffected by harsh weather extremes. SOLAS and USCG Approvals #160.050/155/0 and #160.150/11/0

266242 (HSO-30) Diameter 30" **$78.68 H**

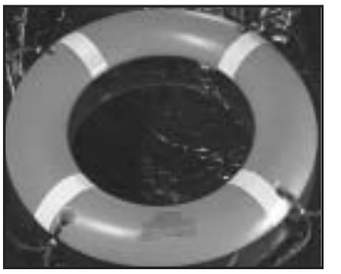
bpc Billy Pugh Co., Inc.



Billy Pugh Life Ring Buoy
Molded of high impact polyethylene. Color will not dent or peel. Black polypropylene rope terminated with hand splice. USCG Approved throwable device for all vessels. USCG Approval #160.050/120/1.

484460 (A301T) SOLAS Approved with Tape **$69.00 D**

DATREX inc.



Datrex Buoys
Molded from high impact linear low density polyethylene. Orange buoy with retro-reflective tape.

Lifering with tape. Diameter 24". 33 lbs. USCG Approval #160.050/163/0.
436423 (DX0240RD) **$92.00 H**

Deckbuoy. Diameter 30". 41 lbs. USCG Approval #160.050/127/0 and #160.150/2/0. Meets SOLAS 74/83 requirements.
436426 (DX0325D) **$97.00 H 6K**

Bridgebuoy. Diameter 30". 63 lbs. For use with quick release bracket. USCG Approvals #160.050/128/0 and #160.150/5/0. Meets SOLAS 74/83 requirements.
436430 (DX0340D) **$110.00 H**

Jim-Buoy Horseshoe Buoys
Standard model. Features: A tough, yellow vinyl coated nylon cover with heavy duty zipper over closed-cell plastic core. Will not rot or mildew. Stainless steel hardware throughout. USCG Approval #160.064/076/0.

266444 (920) Yellow **$114.63 G**

Finest model with built-in Sea Anchor. Features: A extra strong vinyl coated. Nylon cover with heavy duty zipper over closed-cell plastic core. Will not rot or mildew. Stainless steel hardware throughout. Built-in sea anchor slows buoy when blown in water. Eliminates the need for a separate drogue chut. USCG Approval #160.064/076/0.

266432 (1020) White **$147.77 G**

CAL-JUNE

NEW ITEM



Billy Pugh Ring Buoy Accessories



Billy Pugh Containerized Fast Throw Lines
Line will not tangle and flows out of PVC container (much like a line throwing gun). Line will not rot or be degrigated by UV (sun) rays.

484555	(CFTL-1) 1/4" Poly Pro x 100'	**$109.00 B**
484557	(CFTL-2) 1/4" Poly Pro x 150'	**$123.00 B**
484559	(CFTL-3) 3/8" Poly Pro x 100'	**$171.00 B**
484561	(CFTL-4) 3/8" Poly Pro x 150'	**$188.00 B**



Billy Pugh Ring Buoy Release Mechanism
Quick release. Meets USCG requirements 46 CFR 94-43-10(c) 33.40-5, 75.43-10, 108.515. Sold 2 per set.

484547 (RBRM-1) **$1,928.00 B**

Life Ring Buoy Accessories

NEW ITEM



Marpac Life Ring Brackets
Heavy duty, commercial grade. Fits ring buoys 30" in diameter. Designed for commercial duty with heavy duty welds. Pre-drilled holes for simplified mounting.

5-0010	Aluminum	**$73.95 F**
5-0015	Stainless Steel	**$108.95 F**



Jim-Buoy Life Ring Racks - Commercial Quality
Features: Heavy duty, welded stainless steel construction throughout for a lifetime of maintenance-free use. Predrilled holes for stanchion and life line mounting, as well as cabin wall installations. Stainless steel u-bolts are used for stanchion and life line mounting. **Not included, order below.**

266418	(1123-24) Diameter 24"	**$89.14 H**
266420	(1123-30) Diameter 30"	**$121.00 H**
266456	(1123-X) Sold 4 U-bolts Per Card	**$8.86 H**

NEW ITEM



Stearns Ring Buoy Rope with Bag

630504 (I023) Length 90' **$39.95 E**



Imported Ring Buoy Bracket - Stainless Steel, Predrilled

499474 (7716S) Width 3/4" **$11.95 H**

Jim-Buoy Life Floats



Special Handling May Apply

Jim-Buoy Life Floats

Tough resilient vinyl surface - easily boarded, comfortable in the water - no hard surfaces. Lightweight yet easily exceed the most severe USCG tests. Ease of handling is one of our most valued features. No exposed metal hardware - all beckets secured inside the float body. Double webbing, sunlight or weather never reaches the supporting beckets. Solid closed-cell plastic throughout. Will not rot or mildew. Will not lose buoyancy if cut or punctured. Manufactured under the strict supervision of the USCG. Retro-reflective tape in compliance with USCG Regulations. **Included on all models.** International Orange. Shipped by motor freight only.

266686 (1206-T) **$1,210.60 H**
266698 (1208-T) **$1,274.32 H**
266701 (1210-T) **$1,465.48 H**
266711 (1212-T) **$1,592.92 H**
266725 (1215-T) **$1,987.98 H**
266749 (1222-T) **$2,421.27 H**

Fiberglass Wrapped Models

266963 (1222GRS-T) **$2,739.87 H**

Vinyl Repair Kit

267840 (500) Complete with Patches, Solvent and Brush **$38.17 H**

MFG #	Person	Length	Width	Diameter	Weight
1206-T	6	50-1/2"	36-1/2"	8-1/2"	23 lbs.
1208-T	8	51"	37"	9"	25 lbs.
1210-T	10	63"	37"	9"	30 lbs.
1212-T	12	78"	37"	9"	38 lbs.
1215-T	15	64"	48"	12-1/2"	50 lbs.
1222-T	22	100"	48"	12-1/2"	70 lbs.

Billy Pugh Life Floats



bpc Billy Pugh Co., Inc.

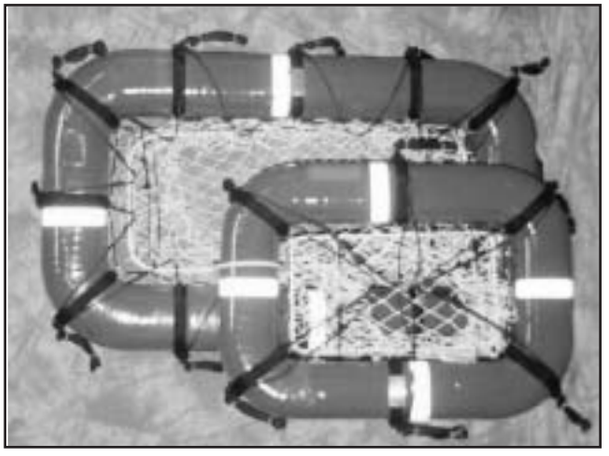
Special Handling May Apply

Billy Pugh Life Floats

No float compares in quality to the Billy Pugh life float. Our floats last as long as whatever they're sitting on. After many years of service in the field, this float can be rebuilt to like new condition. Hard outer shell. Urethane inner core. Black polypropylene life and pendant lines. Nylon platform netting and baskets. Mildew, rot and sunlight resistant. Weather resistant platform. Sealed shell. Long lasting. Maintenance free. Rigging can be replaced in the field.

484410 (LF-6) Person Capacity: 6 **$873.00 D**
484422 (LF-12) Person Capacity: 12 **$1,201.00 D**

The Roe Float



Special Handling May Apply

The Roe Float

Completely repairable. Hard outer shell is reinforced with 2 layers of fiberglass cloth and fiberglass resin. Made with closed cell polyurethene inner core that will not absorb water. UV protected ropes, net and webbing. USCG and The American Bureau of Shipping Approved.

851940 4 Person Life Float 26# **$616.95 B**
851952 6 Person Life Float 34# **$801.95 B**
851964 12 Person Life Float 55# **$1,232.95 B**
851976 15 Person Life Float 63# **$1,314.95 B**
851988 25 Person Life Float 111# **$1,917.95 B**

Jim-Buoy Float-Free Link, Painter Cage

CAL-JUNE


267845


267842

Jim-Buoy Float-Free Link, Painter Cage
Each unit contains: (1) Stainless steel cage, 100' of black 5/16" polypropylene rope and wire link. All wire links are tagged to identify the raft size it is legal for. Rope ends are tagged as to their use. UPS shippable.

267841 (501-S) 6 - 10 Man **$140.12 H**
267842 (501-M) 11 - 20 Man **$140.12 H**
267843 (501-L) 21 or More Man **$140.12 H**

Replacement Link Only
267850 Small **$26.71 H**
267852 Medium **$26.71 H**
267851 Large **$26.71 H**

Jim-Buoy Float-Free Link, Painter Cage
Fits any stack of four rafts or any stack which equals a capacity of 21 or more man. For example: A 12 man size raft and two 6 man size rafts would equal 24 man size and would require only one unit for the three rafts. Each unit contains: (1) Stainless steel cage, 100' of black 7/16" polypropylene rope and wire link. UPS shippable.

267845 (504) **$152.86 H**

Billy Pugh Products

BILLY PUGH CO., INC.





PRICES ON REQUEST

Scramble Nets
Spreader bars from oak or steel. Specify type of rope and mesh size. Made to order.

All Weather Swing Rope

Safety Pipe Hooks
Features a spring-loaded jaw to hold hook securely in place after crewman has attached hook to pipe casing. This eliminates the need to hold hook to pipe casing while slack is being taken out of the cable sling. Various sizes available.

Billy Pugh Life Float Accessories

BILLY PUGH CO., INC.



Billy Pugh Life Float Painter
Keep your painter lines out of the sun and free from fouling. Meets USCG. 150' nylon line.

484573 (LFP-150) 1/4" **$127.00 B**
484585 (LFP-150) 1/2" **$248.00 B**

BILLY PUGH CO., INC.



Billy Pugh Life Float Launchers
Provides an easy, quick method for launching life floats. Manufactured from aluminum (also available in galvanized steel) with stainless steel release handle and attachment hardware.

484597 (LFL-6A) 6 Man **$1,186.00 B**
484600 (LFL-12A) 12 Man **$1,394.00 B**

Billy Pugh Work Baskets



BILLY PUGH CO., INC.

Billy Pugh Personnel Work Baskets

This lightweight basket is designed for those jobs not requiring steel OSHA Man Basket specification. This basket is collapsible, flexible but very strong. The bottom is fitted with canvas to keep tools or other small objects from falling out. Pick-up ring: 7/8" x 5-1/2", with 4 legs - each made of 1" polypropylene. Each rope has a tensile strength of 12,600 lbs. Top ring: 1-1/2" x 43" diameter aluminum. Overall basket height: 14'. Basket weight: 90 lbs.

484499 (PWB-2) 1 - 2 Persons **$2,036.00 B**

484501 (PWB-4) 3 - 4 Persons **$2,154.00 B**



BILLY PUGH CO., INC.

Billy Pugh Cargo Basket

Heavy cargo can be moved into basket in collapsed position reducing potential for lifting associated injuries. Inner canvas prevents smaller objects from rolling out. Rounded/padded design reduces potential for damage to boats. Floor is treated steel pipe. 5/8" galvanized lifting cables frame and 3/4" treated plywood bottom. Overall basket height: 10'. Diameter 6'. Side extension 3'. Collapsed height 1'. Weight 300 lbs. Safe working load 3,500 lbs. Cable pick-up slings.

484511 (X-8CB) **$3,137.00 B**

Billy Pugh Personnel Net



BILLY PUGH CO., INC.

Billy Pugh Personnel Net - For Rougher Seas

API specification 2C Third Edition, March 1983, Section 5.4 (d). S.W.L. R2500LGS with design factor of 10. Lifting ring - 7/8" forged steel. Hand spliced eyes (no swages). Safety load line. Stabilizer unit covered with plastic impregnated fabric netting lines 3/4", 9950 lbs. test each. Top ring 30" padded. Bottom ring overall dimensions 72" with padding. Padding is shock absorbing, synthetic floatation material. 9 feet from bottom to top ring. Four entrances to net. Bottom of net - 5 rubber chafe pads. ABS equipment type approval program.

484509 (X-871) Overall Vertical Length 33' **$2,532.00 B**

The Commercial Jason's Cradle®



429476



429464

NEW ITEM



429490

The Commercial Jason's Cradle® MOB Recovery Units

Operating the Jason's Cradle with high freeboard vessels is no problem using a block and tackle or davit crane system

The Jason's Cradle is fully SOLAS approved and guaranteed against manufacturing defect for three years after which time annual servicing will ensure it will provide a useful service life well in excess of 10 years. It is manufactured using high specification plastics technology and linked together with 316 marine grade stainless steel to provide the strongest possible protection against corrosion.

Many operators now fit the Jason's Cradle as standard equipment to ensure the safety of passengers and crew. The Jason's Cradle, Jason's Cradle floating stretcher and Jason's Cradle Scramble-nets are used by countless organisations throughout the world including ferry operators, navies, coastguards, oil company stand-by vessels, tug operators, trawlers and dive operators.

The Jason's Cradle is also used by marine rescue services worldwide. This includes the Royal National Lifeboat Institution (RNLI) which covers the UK and the ROI and is amongst the most respected organisations of its kind.

The Jason's Cradle is available in virtually any practical width and length and in different configurations including stretcher and scramble-net variants to suit the requirements of owners and operators in every marine sector.

Jason's Cradle - Standard Unit - Comes complete with clips, strop, hauling lines and stowage.

429476 (1MC-JCSTD05E) 2.5m to 3m Freeboard **$4,995.00 A**
429488 (1MC-JCSTD04C) 1.5m to 2m Freeboard **$3,195.00 A**

MOB Recovery Using the Jason's Cradle® FRC (Fast Rescue Craft) Kit

The FRC kit consists of a Jason's Cradle with stowage bag and a fixing kit that enables the Cradle to be deployed on both the port and starboard side as required. Deployment of the Cradle forms a non-collapsible scoop. The FRC approaches the casualty slowly, keeping them on the windward side and the casualty is guided in the Cradle headfirst. A strop is pulled to close the loop. A co-ordinated and methodical lift takes place and the casualty is retrieved by 'rolling' him over the tube into the rescue craft in the medically preferred horizontal position. Even with very heavy bodies the lift takes just a few seconds due to the Cradle's 2 to 1 mechanical advantage.

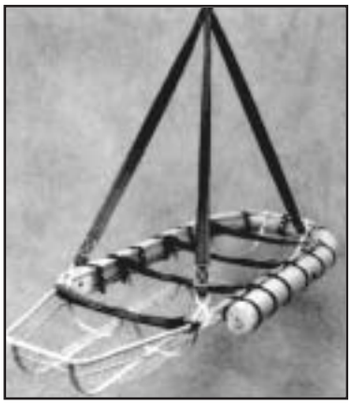
429490 (1MC-JCFRC004) For Craft Length 5m **$2,295.00 A**

MOB Recovery Using A Jason's Cradle® Floating Stretcher

When used as a floating stretcher, the Jason's Cradle is equipped with flotation tubes and strops, which can be adjusted to prevent snatching from a pitching vessel. A rescue swimmer can be lowered into the water to retrieve an unconscious casualty. Both rescuer and casualty can be recoved on the same stretcher at the same time. The stretcher can be operated from a Davit Crane or block and tackle.

429464 (1MC-JCSTR011) Length 1940mm **$4,095.00 A**

Billy Pugh Stokes Steel Stretcher



Billy Pugh Stokes Steel Stretcher
Galvanized. Dimensions: 82" L x 23-3/4" W x 8" D. App. weight 25 lbs. Bridle and float collar not included.

484634 (S-1) **$363.00 B**
484636 (PU-8) Bridle for Stretcher **$174.00 B**
484648 (FC-S1) Float Collar for Stretcher **$398.00 B**

Billy Pugh Wind Sock



Billy Pugh Wind Sock
High quality rip stop nylon wind socks. Standard 18" opening. Galvanized brackets and extended brackets resist corrosion and wear.

484523 (WS-18) **$97.00 B**
484535 (WS-18B) Bracket **$89.00 B**

Rope Ladders



Billy Pugh Flexible Ladder
Oakwood rungs - 2" x 2" x 18". Non-skid surface. Painted International Orange. Ropes - 3/4" double braid nylon. Ropes are urethane dipped to better resist fire and chemical exposure. Dipping rope also adds durability and ultra-violet protection. 600# SWL per rung.

484632 (WRN-18-14) **$210.00 A**



Sea Dog Folding Ladder
Made of molded-in, high-visibility orange polycarbonate with nylon rope supporting the frame. They secure quickly to cleats, railings, stanchions and halyards and will support up to 300 pounds. 5 steps.

322522 (582501-1) **$39.95 H**

Apollo Embarkation Ladders



Adonic I Embarkation Ladder



Adonic II Embarkation Ladder

Embarkation-Debarkation Equivalent to Chain Ladder Classified by Underwriters Laboratories, Inc. In accordance with USCG Regulation Title 46 Chapter 1 Part 160.017

Apollo Embarkation Ladders

Adonic I Embarkation Ladder Equivalent to Chain
Approved by the USCG with in the #160.017/61/0. Meets and exceeds SOLAS standards. Tested by Underwriters Laboratories, Inc. with a drop test of 150 ft. maximum length. Each step tested 2,000 lbs. The steps are International Orange molded polyurethane made by Rubber Millers, Inc. Rope suspension members are polyprodacron white outer jacket an orange inner core for safety. Clamp - 6063 alloy aluminum. Replacement steps are designed to be replaced quickly and easily right on board the vessel. No need to unstring the ladder or special tools required. All embarkation ladders are sold by the foot.

Adonic II Embarkation/Debarkation Equivalent to Chain Ladder
Approved by the USCG with in the #160.017/58/0 and meets SOLAS 1974, Chapter V, Regulation 17. The steps are made of wood (Oak) and have diamond shaped grooves, a non skid grit surface and painted a bright marine orange. 4-1/2" wide. 1-3/16" thick. 20" long. Clamp - 6063 alloy aluminum. Rope suspension members - Synflex poly plus. Tested to 2,000 lbs.

Apollo Pilot Ladders



Pilot Ladder Classified by Underwriters Laboratories, Inc. In accordance with USCG Regulation Title 46 Chapter 1 Part 163.003

Apollo Pilot Ladders

Adonic I Pilot Ladder
Approved by the USCG with in the #163.003/19/0. Meets and exceeds SOLAS standards. Tested by Underwriters Laboratories, Inc. with a drop test of 150 ft. maximum length. Each step tested 2,000 lbs. The steps and spreaders are International Orange molded polyurethane made by Rubber Millers, Inc. Rope suspension members are polyprodacron white outer jacket an orange inner core for safety. Clamp - 6063 alloy aluminum. Replacement steps are designed to be replaced quickly and easily right on board the vessel. No need to unstring the ladder or special tools required. All pilot ladders are sold by the foot.

Adonic II Pilot Ladder
Approved by the USCG with in the #163.003/12/0 and meets SOLAS 1974, Chapter V, Regulation 17. The steps and spreaders are made of wood (Oak) and have diamond shaped grooves, a non skid grit surface and painted a bright marine orange. Clamp - 6063 alloy aluminum. Rope suspension members - Synflex 3/4" ply plus. Tested to 2,000 lbs.

Zodiac Modular Inflatable Life Rafts

Constructed of high strength, durable PVC coated nylon fabric. All rafts are U.S. Coast Guard approval #160.151 and manufactured in accordance with the current SOLAS Convention.

This Life Raft Conforms to:

- 1983 Chapter III Amendments to SOLAS 1974, Regulation 39.
- U.K. Fishing Vessels (Safety Provisions) Rules 1975, Rule 85.
- U.K. Merchant Shipping Act (L.S.A.) 1986 Schedule 4, Part 1.

Approved in Accordance with SOLAS by the Following Maritime Authorities:

- D.O. Tp (U.K.)
- R.I.N.A. (ITALY)
- Dot (CANADA)
- Marine Marchande (FRANCE)
- Statens Skibstilsyn (DENMARK)
- U.S.C.G. (U.S.A.)
- Marina Mercante (SPAIN)
- Scheepvaartinspectie (SWEDEN)

USCG – SOLAS Range (Pack A) – Complete with:
Rescue quoit and 98 ft. of line • Floating knife • Bailer • Sea anchor and 98 ft. of line • Paddle • Sponge • Repair kit • Pump • Survival instruction cards • Immediate action cards • Heliograph • Whistle • Torch • Spare batteries and bulb • Fishing kit • Hand flares • Rocket parachute flares • Smoke signal • Signal card • Food • Water • Tin opener • Drinking vessel • First aid kit • Anti-sickness tablets • Seasickness bags • Protective aid

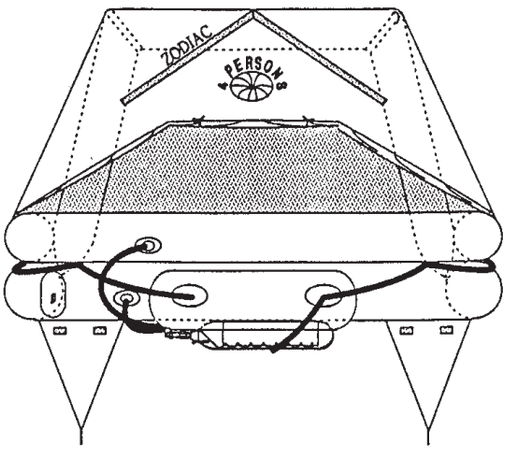
USCG – SOLAS Range (Pack B) – Complete with:
Rescue quoit and 98 ft. of line • Floating knife • Bailer • Sea anchor and 98 ft. of line • Paddle • Sponge • Repair kit • Pump • Survival instruction cards • Immediate action cards • Heliograph • Whistle • Torch • Spare batteries and bulb • Hand flares • Rocket parachute flares • Smoke signal • Signal card • First aid kit • Anti-sickness tablets • Seasickness bags • Protective aid

ZODIAC



Special Handling May Apply

Life Raft USCG/SOLAS Range – 4 Persons – Pack A



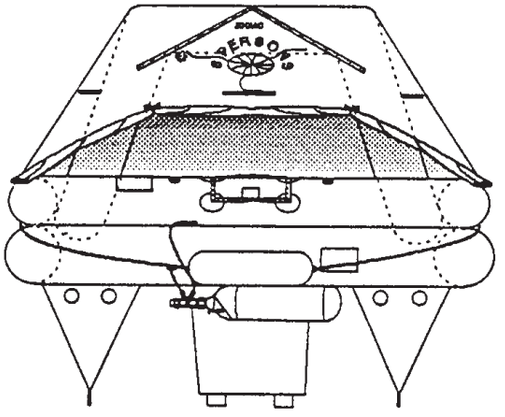
Raft Dimensions	Pack A
Inside Dimensions	1,500 x 1,500
Outside Dimensions	2,000 x 2,000
Total Volume	667 dm^3
Required Volume	576 dm^3
Interior Area	225 dm^2
Required Area	223, 2 dm^2
Weight	69 kg
Drop Height	36 m
Container Dimensions	
Length	1,160 (3' 9-1/2")
Diameter	530 (1' 9")
Weight	72 kg (158 lbs.)

458500 – Pack A
Raft includes hydrostatic release and deck mounting cradle.

Special Handling May Apply

For Additional Information Refer to Page 145.

Life Raft USCG/SOLAS Range – 6 Persons – Pack A or Pack B



Raft Dimensions	Pack A	Pack B
Inside Dimensions	1,500 x 1,500	1,500 x 1,500
Outside Dimensions	2,000 x 2,000	2,000 x 2,000
Total Volume	667 dm^3	667 dm^3
Required Volume	576 dm^3	576 dm^3
Interior Area	225 dm^2	225 dm^2
Required Area	223, 2 dm^2	223, 2 dm^2
Weight	69 kg	53 kg
Drop Height	36 m	36 m
Container Dimensions		
Length	1,160 (3' 9-1/2")	1,160 (3' 9-1/2")
Diameter	530 (1' 9")	530 (1' 9")
Weight	72 kg (158 lbs.)	50 kg (123, 3 lbs.)

458504 – Pack A **458580 –** Pack B
Raft includes hydrostatic release and deck mounting cradle.

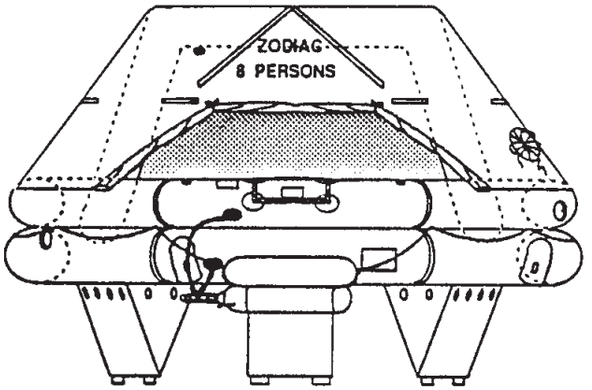
Special Handling May Apply

For Additional Information Refer to Page 145.

Life Raft USCG/SOLAS Range – 8 Persons – Pack A or Pack B

ZODIAC

Raft Dimensions	Pack A	Pack B
Inside Dimensions	2,215 x 1,915	2,215 x 1,915
Outside Dimensions	2,865 x 2,479	2,865 x 2,479
Total Volume	925 dm^3	925 dm^3
Required Volume	768 dm^3	768 dm^3
Interior Area	313 dm^2	313 dm^2
Required Area	297, 6 dm^2	297, 6 dm^2
Weight	79 kg	60 kg
Drop Height	36 m	36 m
Container Dimensions		
Length	1,160 (3' 9-1/2")	1,160 (3' 9-1/2")
Diameter	530 (1' 9")	530 (1' 9")
Weight	70 kg (174 lbs.)	60 kg (132, 2 lbs.)



458516 – Pack A **458592 –** Pack B
Raft includes hydrostatic release and deck mounting cradle.

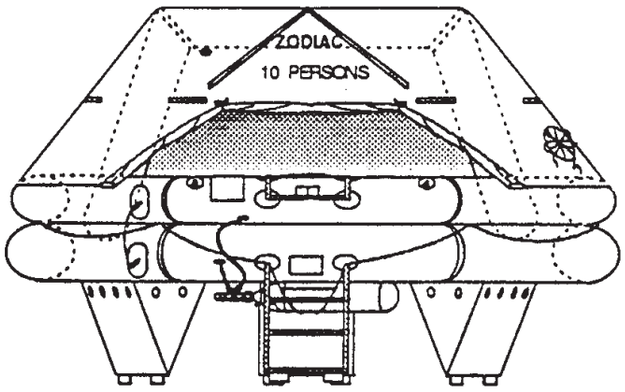
Special Handling May Apply

For Additional Information Refer to Page 145.

Life Raft USCG/SOLAS Range – 10 Persons – Pack A or Pack B

ZODIAC

Raft Dimensions	Pack A	Pack B
Inside Dimensions	2,434 x 2,110	2,434 x 2,110
Outside Dimensions	3,106 x 2,692	3,106 x 2,692
Total Volume	1,108 dm^3	1,108 dm^3
Required Volume	960 dm^3	960 dm^3
Interior Area	386 dm^2	386 dm^2
Required Area	372 dm^2	372 dm^2
Weight	96 kg	66 kg
Drop Height	36 m	36 m
Container Dimensions		
Length	1,275 (4' 2")	1,160 (3' 9-1/2")
Diameter	585 (1' 11")	530 (1' 9")
Weight	103 kg (226, 8 lbs.)	73 kg (160, 8 lbs.)

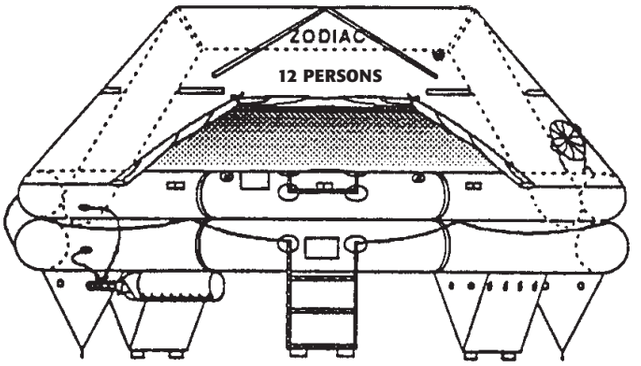


458528 – Pack A **458605 –** Pack B
Raft includes hydrostatic release and deck mounting cradle.

Special Handling May Apply

For Additional Information Refer to Page 145.

Life Raft USCG/SOLAS Range – 12 Persons – Pack A



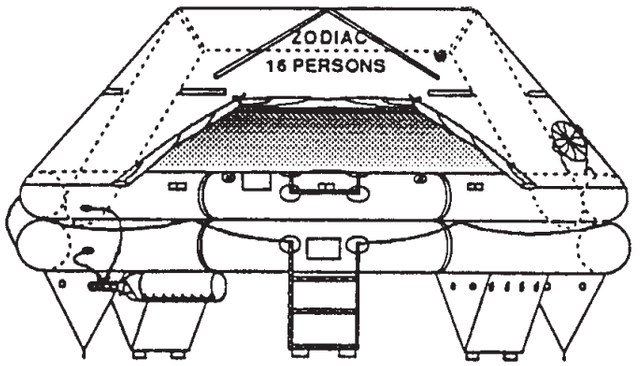
458529 – Pack A
Raft includes hydrostatic release and deck mounting cradle.

Raft Dimensions	Pack A
Inside Dimensions	2,964 x 2,740
Outside Dimensions	3,676 x 3,398
Total Volume	1,772 dm^3
Required Volume	1,536 dm^3
Interior Area	616, 5 dm^2
Required Area	595, 2 dm^2
Weight	135 kg
Drop Height	36 m
Container Dimensions	
Length	1,275 (4' 2")
Diameter	615 (2' 1/4")
Weight	119 kg (262.1 lbs.)

Special Handling May Apply

For Additional Information Refer to Page 145.

Life Raft USCG/SOLAS Range – 16 Persons – Pack A or Pack B



458530 – Pack A **458617 –** Pack B
Raft includes hydrostatic release and deck mounting cradle.

Raft Dimensions	Pack A	Pack B
Inside Dimensions	2,964 x 2,740	2,964 x 2,740
Outside Dimensions	3,676 x 3,398	3,676 x 3,398
Total Volume	1,772 dm^3	1,772 dm^3
Required Volume	1,536 dm^3	1,536 dm^3
Interior Area	616, 5 dm^2	616, 5 dm^2
Required Area	595, 2 dm^2	595, 2 dm^2
Weight	135 kg	95 kg
Drop Height	36 m	36 m
Container Dimensions		
Length	1,275 (4' 2")	1,160 (3' 9-1/2")
Diameter	615 (2' 1/4")	585 (1' 11")
Weight	134 kg (295, 1 lbs.)	94 kg (207 lbs.)

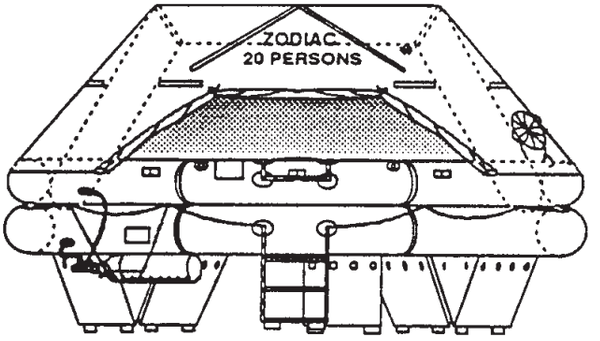
Special Handling May Apply

For Additional Information Refer to Page 145.

Life Raft USCG/SOLAS Range – 20 Persons – Pack A or Pack B

ZODIAC

Raft Dimensions	Pack A	Pack B
Inside Dimensions	3,290 x 3,020	3,290 x 3,020
Outside Dimensions	4,050 x 3,722	4,050 x 3,722
Total Volume	2,229 dm^3	2,229 dm^3
Required Volume	1,920 dm^3	1,920 dm^3
Interior Area	749 dm^2	749 dm^2
Required Area	744 dm^2	744 dm^2
Weight	155 kg	106 kg
Drop Height	36 m	36 m
Container Dimensions		
Length	1,275 (4' 2")	1,275 (4' 2")
Diameter	735 (2' 5")	615 (2' 1/4")
Weight	161 kg (254, 6 lbs.)	112 kg (246, 6 lbs.)



458542 – Pack A **458629 –** Pack B
Raft includes hydrostatic release and deck mounting cradle.

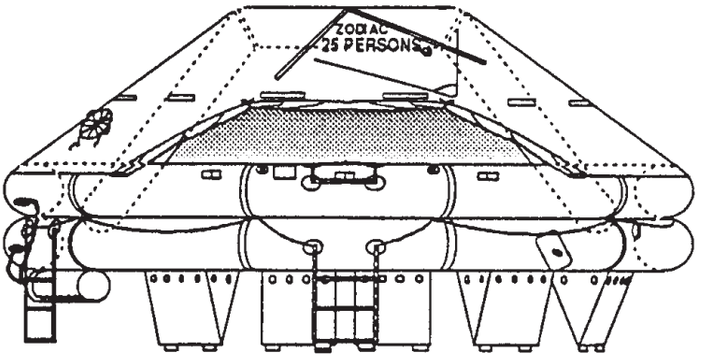
Special Handling May Apply

For Additional Information Refer to Page 145.

Life Raft USCG/SOLAS Range – 25 Persons and 25 Persons Davit Launched – Pack A or Pack B

ZODIAC

Raft Dimensions	Pack A	Pack B
Inside Dimensions	3,520 x 3,720	3,520 x 3,720
Outside Dimensions	4,250 x 4,480	4,250 x 4,480
Total Volume	2,799 dm^3	2,799 dm^3
Required Volume	2,400 dm^3	2,400 dm^3
Interior Area	1,004, 6 dm^2	1,004, 6 dm^2
Required Area	930, 2 dm^2	930, 2 dm^2
Weight	198 kg	140 kg
Drop Height	36 m	36 m
Container Dimensions		
Length	1,450 (4' 9")	1,275 (4' 2")
Diameter	735 (2' 5")	735 (2' 5")
Weight	205 kg (451, 5 lbs.)	147 kg (323, 7 lbs.)



458554 – Pack A **458631 –** Pack B
Raft includes hydrostatic release and deck mounting cradle.

Special Handling May Apply

For Additional Information Refer to Page 145.

DBC USCG/SOLAS Seafort Inflatable Liferafts

Call for Price and Availability



DBC Marine Safety Systems

DBC USCG/SOLAS Seafort Inflatable Liferafts

Approved to SOLAS, USCG and CCG.
Choice of either a compact, low profile container or traditional throw-over style.
Easily accessed inflatable boarding ramp.
Heavy butyl fabric construction.
Large Icelandic ballast pockets providing increased stability.
Full and efficient product support throughout North America.
10 year fabric and seam warranty (subject to annul servicing by DBC approved service station).

Special Handling May Apply



Suitcase Container



Round Container

Suitcase Container

Type	Equipment Pack	Dimensions	Weight Inc. Cradle
4 Person	Full Ocean/SOLAS 'A'	23" x 31" x 12" (58 x 79 x 30cm)	109 lbs. (49.4kg)
6 Person	SOLAS 'A'	23" x 31" x 15" (58 x 79 x 38cm)	142 lbs. (64.4kg)

Round Container

Type	Equipment Pack	Dimensions (Length x Dia.)	Weight Inc. Cradle
8 Person	SOLAS 'A'	42" x 23" (107 x 59cm)	185 lbs. (84.0kg)
10 Person	SOLAS 'A'	46" x 25" (117 x 64cm)	216 lbs. (98.0kg)
16 Person	SOLAS 'A'	50" x 27" (127 x 69cm)	317 lbs. (144.0kg)
25 Person	SOLAS 'A'	55" x 30" (140 x 76cm)	399 lbs. (181.5kg)
50 Person	SOLAS 'A'	74" x 39" (187 x 73cm)	650 lbs. (294.8kg)

CLASS OCEAN ISAF



SELF-RIGHTING CAPABILITY • KNOW-HOW AND TECHNOLOGICAL INNOVATION

Derived from a professional life raft, the Class Ocean ISAF life raft is constructed to demanding specifications with equipment that is superior to those applied to SOLAS* life rafts. These life rafts are subject to rigorous temperature range and drop tests. It has specific features for greater comfort; in fact, its design far surpasses the regulatory norms to make survival at sea less stressful and safer.

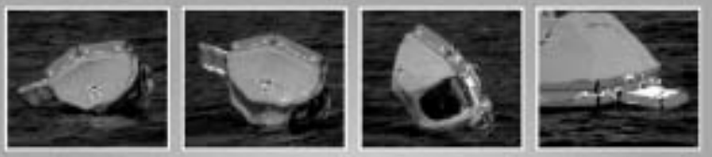
ISAF, International Sailing Federation, is the international offshore racing regulation that replaced ORC, Offshore Racing Council.

** International standards for the Safety Of Life At Sea*

6 persons

Call for Price and Availability

Self-righting capability







Equipment

Loose equipment

Rescue quoit + 30 meters line	1
Leak stopper	4
Drogue anchor + line (SOLAS)	2
Paddles	2
Sponge	6
Bailer (integrated) + hand bailer	1
Sealing clamp	2
Handpump	1
Spare bag	6
Pen + "water" resistant paper	1
Equipment bag	1
Water in shrink wrapped pouch	0,5 litre / person
Plastic drinking cup	1
Survival blanket	2
Floating knife	1
Raft operating instructions	1
Survival advice	1
Log book	1
Owners manual	1
Rescue signals chart	1

Distress equipment

Hand-held flare (SOLAS)	3
Waterproof signaling flashlight	2
Whistle	1
Mirror	1

Medical Equipment

First aid kit	1
Anti-seasickness pill	12 / person
Sun block	2
Sunburn ointment	1



- **A** The double arch increases living space. Thanks to its exclusive design, these two arches provide the Class Ocean ISAF with a self-righting capability; if the life raft inflates upside down, it will turn over automatically to a normal position.
- **B** Flashing exterior electric lights, switch on interior lights.
- **C** High capacity integrated one way self bailer.
- **D** The inflatable boarding ramp is equipped with a grab line. In case of accident or exhaustion, entry into the raft is easier.
- **E** SOLAS high volume overpressure valves.
- **F** Stabilizing water pockets and a drogue anchor to SOLAS specifications.
- **G** Blue fabric on the inside (blue is a relaxing color).
- **H** The high resistance and the bright color of the Polyurethane fabric provide better visibility for rescue.

Model	Persons allowed	Compartments	Raft dimensions	Canister	
				Dimensions	Weight
Class Ocean ISAF	6	5	262 x 200 cm / 8'7" x 6'7"	89 x 52 x 31,5 cm / 2'11" x 1'9" x 1'1"	55 kg / 121 lbs

DONOVAN 2009

OFFSHORE ISAF



THERMAL PROTECTION • SUPERIOR BOARDING

- 4 persons
- 6 persons
- 8 persons

The Offshore ISAF life rafts are intended for yachtsmen who sail for sport (such as offshore racing or regattas) or simply for open sea sailing, cruising or fishing. The safety pack included in the raft meet the requirements of the ISAF regulations.

ISAF, International Sailing Federation, is the international offshore racing guidelines that replaced ORC, Offshore Racing Council directives.



Call for Price and Availability

A 2nd access point with a boarding ladder affords completely stable boarding for all models



Semi-rigid boarding ramp + ladder facilitate easier access from the water

An aluminum lined composite cellular foam floor retains and reflects back natural body heat to insulate against the cold and provide protection against hypothermia



Equipment
packed in a container or valise and contained in a bag

Loose equipment

Rescue quoit + 30 meters line	1
Drogue anchor + Line	1
Floating knife (fixed along the tube at the entrance)	1
Paddles	2
Sponge	1 / person
Bailer	1
Repair kit (6 leak stoppers)	1
Handpump	1
Survival blanket	2
Sea-sickness bag	1 / person
Pen + "water" resistant paper	1
Raft operating instructions	1
Owner manual	1

Distress equipment

Hand-held flare	3
Whistle	1
Signaling mirror	1
Waterproof signaling flashlight	2
Spare batteries and bulb	2
Rescue signal chart	1

Medical equipment

Anti-seasickness pills	6 / person
First aid kit	1
Sun block	2
Sun burn ointment	1

Survival rations

Water in shrink wrapped pouch	4P: 0,5 litre / person 6P / 8P: 1 litre / person
Plastic drinking cup	1



Model	Persons capacity	Compartments	Raft dimensions	Canister		Valise	
				Dimensions	Weight	Dimensions	Weight
Offshore ISAF 4	4	3	193 x 144 cm / 6'4" x 4'9"	82 x 55 x 26 cm / 2'8" x 1'10" x 10"	38 kg / 83 lbs	74 x 49 x 22 cm / 2'5" x 1'7" x 9"	36 kg / 79 lbs
Offshore ISAF 6	6	3	200 x 200 cm / 6'7" x 6'7"	82 x 55 x 31,5 cm / 2'8" x 1'10" x 1'1"	43,4 kg / 95 lbs	74 x 49 x 26 cm / 2'5" x 1'7" x 10"	41,4 kg / 91 lbs
Offshore ISAF 8	8	3	280 x 242 cm / 9'2" x 7'11"	82 x 55 x 31,5 cm / 2'8" x 1'10" x 1'1"	57 kg / 125 lbs	74 x 49 x 26 cm / 2'5" x 1'7" x 10"	55 kg / 121 lbs

COASTAL



ECONOMICAL • LIGHT • COMPACT

The COASTAL life rafts are designed for emergency use in coastal waters within 20 miles of a shore line or heavily traveled waterways. The COASTAL life rafts enjoy the distinct advantage of 2 independent buoyancy tubes and self erecting canopy.

4 persons

6 persons

8 persons







Call for Price and Availability



NEW



Equipment
packed in a container or valise and contained in a bag

Loose equipment
- Rescue quoit + 30 meters line 1
- Floating knife (fixed along the tube at the entrance) 1
- Drogue anchor + line 1
- Bailer 1
- Sponge 2
- Paddles 2
- Repair kit 1
- Handpump 1
- Raft operating instructions 1
- Rain water collecting system 1
- Owner manual 1

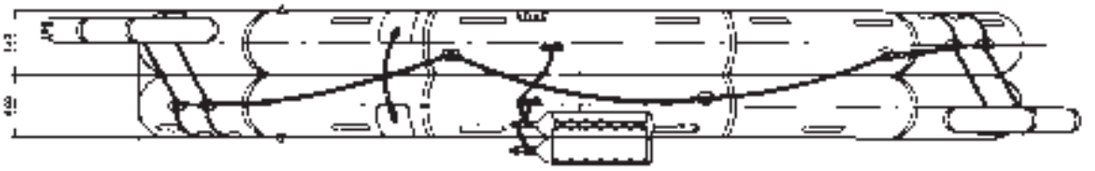
Distress equipment
- Hand-held flares 3
- Waterproof signaling flashlight + batteries 1

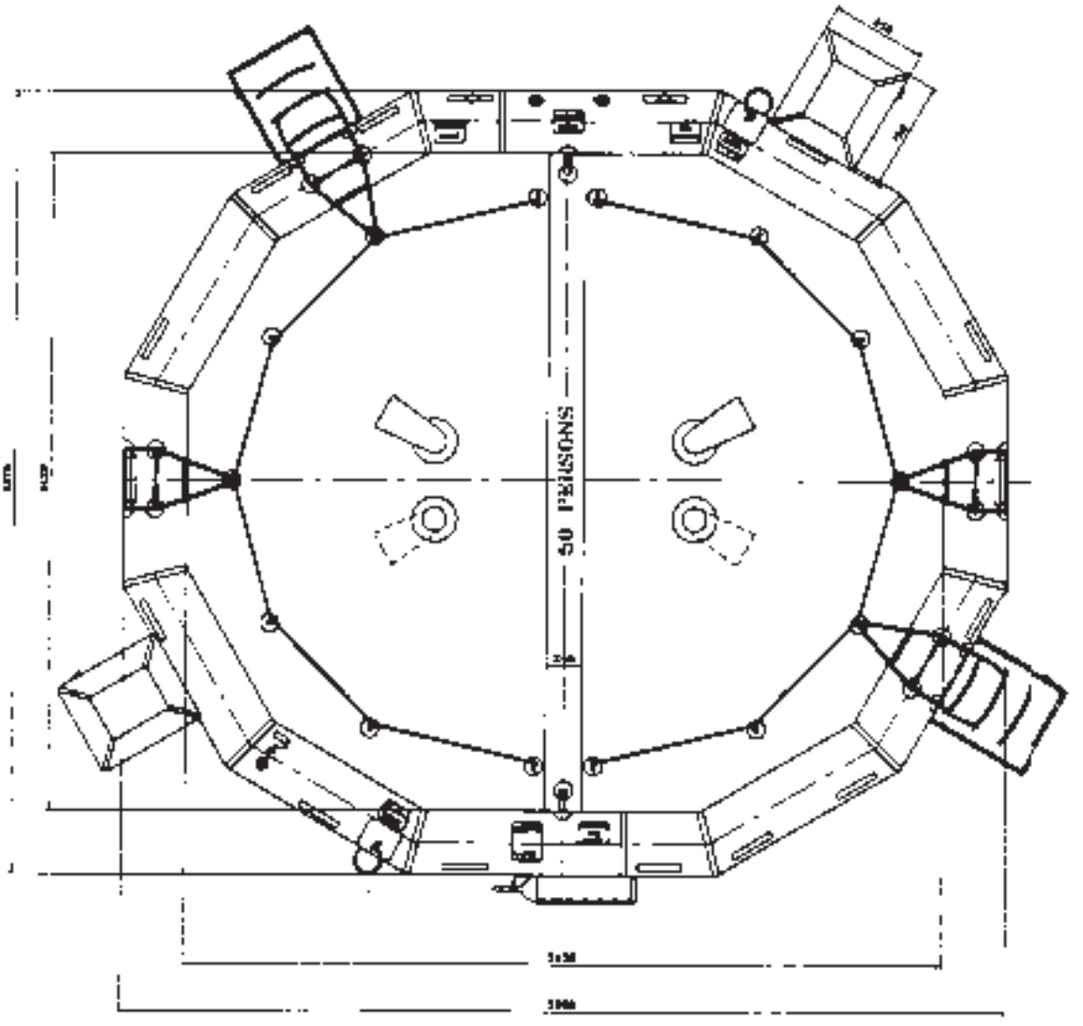
Medical equipment
- Anti-seasickness pills ..... 6 / person



Model	Persons capacity	Compartments	Raft dimensions	Canister		Valise	
				Dimensions	Weight	Dimensions	Weight
Coastal 4	4	2	161 x 161 cm / 5'3" x 5'3"	72 x 55 x 21 cm / 2'4" x 1'10" x 8"	29 kg / 64 lbs	64 x 48 x 20 cm / 2'1" x 1'7" x 8"	26,5 kg / 58 lbs
Coastal 6	6	2	209 x 184 cm / 6'10" x 6'1"	72 x 55 x 21 cm / 2'4" x 1'10" x 8"	30,5 kg / 67 lbs	64 x 48 x 20 cm / 2'1" x 1'7" x 8"	28 kg / 62 lbs
Coastal 8	8	2	223 x 223 cm / 7'4" x 7'4"	82 x 55 x 26 cm / 2'8" x 1'10" x 10"	36,5 kg / 80 lbs	74 x 48 x 22 cm / 2'5" x 1'7" x 9"	33,5 kg / 74 lbs

Zodiac Open Reversible Inflatable Liferafts





Special Handling May Apply

458338	**30 Man USCG Inflatable Platform**	**Price on Request**
458340	**50 Man USCG Inflatable Platform**	**Price on Request**

Avon SR 4M Searider Offshore Supply Vessel

Avon SR 4M Searider Offshore Supply Vessel

(USCG Accepted Under Sub-Chapter L)
Recent years have seen a substantial growth in the use of rigid hulled inflatables (RIB) pioneered and commercially developed by Avon to handle any inshore or offshore task. Their inflatable buoyancy, and deep-V hull easily enable Seariders to operate in the most difficult conditions. This specific model is designed with 5 chamber decitex neoprene hypalon coated polyester tube set, and rigid fiberglass hull to meet requirements of offshore supply vessels. Standard equipment includes: Bellows, Drain Port, Repair Kit, Paddles, Maintenance Kit, Owner's Manual, Heavy Duty Rubstrake, Interior and Exterior Lifelines, Fuel Tank Retainers, Towing/painter point. This model includes 4 Davit Lifting Points (Certified Lifting Sling sold separately). Overall length 13' 4". Inside length 9' 7". Overall beam 5' 10". Inside beam 3' 1". Approx. boat weight 350 lbs. Capacity: 1,430 lbs. – 6 persons. Rated for 25-40 HP long shaft outboard.



Special Handling May Apply

458353 (SR 4M Searider) **Price on Request**
458356 4-Point Lifting Sling **$605.95 A**

Ned-Deck USCG/SOLAS Approved Rescue Boat

Ned-Deck USCG/SOLAS Approved Rescue Boat

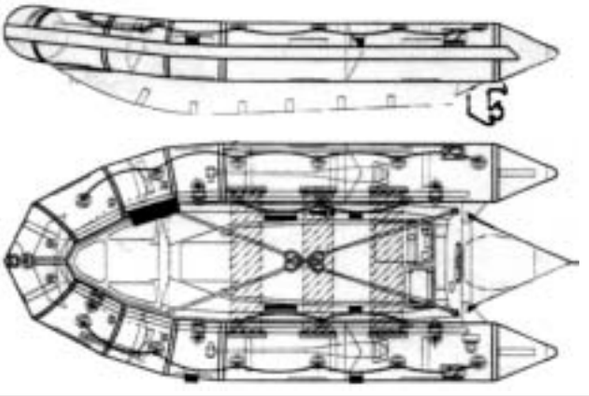
The NDM 4.40 Rescue is built from seawater resistant aluminum in Deep-V frame construction for full planning, painted orange, complete with six (6) persons capacity. The outside of the boat is provided with grab lines and handles. The inside is provided with marked seats and sufficient stowage capacity for the all inventory. The NDM 4.40 Rescue Boat meets the applicable requirements of the 1983 Amendments of SOLAS 1974, LSA- Code and MSC81(70) and USCG Approval #160.156/96/0 (USCG drawing no. NDM440-1-000). The cockpit is self-bailing. The boat is equipped with a double hull bottom, filled with foam, which keeps the boat buoyant in upside down position. The inner section has a non-skid finish. Includes all USCG/SOLAS ancillary equipment and Certified four point lifting sling. Construction: 4 mm Seawater Resistant Aluminum Double Hull. Fully filled with a Polyurethane Hard Foam. LOA: 4.40 meters (14.43 FT)/Max. Beam: 1.70 meters (5.58 FT)/Weight: Unloaded = 340 kG (748 lbs)/Fully Loaded = 915 kG (2013 lbs) (c/w 40HP outboard engine, prop guard & inventory). Capacity: 6 Persons. (5 Persons Seated, 1 Person on Stretcher). Engine Make: Evinrude 40HP E-TEC 2-stroke, SOLAS approved outboard.



Special Handling May Apply

514103 (NDM 4.4 Rescue) **Price on Request**
514104 (NDM440KIT) Solas Boat **Price on Request**
514107 Engine Kit **Price on Request**

Zodiac RIBO 420 Rigid Hull Inflated Rescue Boat



Zodiac RIBO 420 Rigid Hull Inflated Rescue Boat

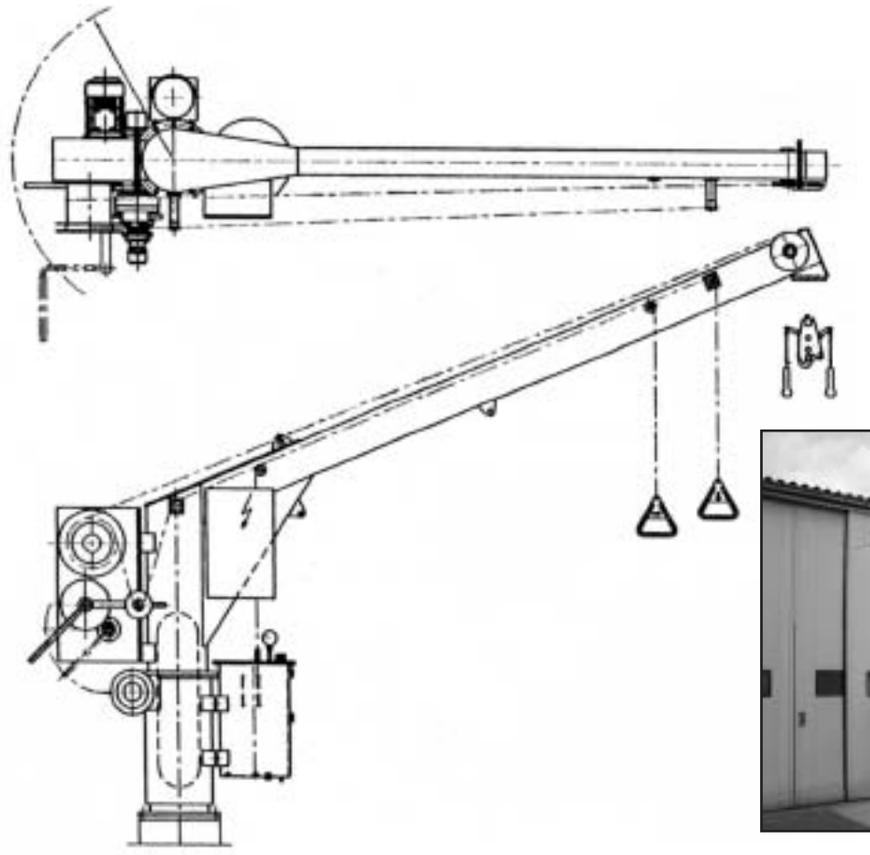
Meets the SOLAS Chapter III requirements and have been tested according to the latest A689 (17) IMO resolution. Inflatable collars are a high visibility red and features a peripheric rubbing strake. The fiberglass hull is a high visibility orange. Includes all necessary equipment plus lifting sling. Dimensions: Overall length 13' 9". Overall width 6' 1". Inside length 9' 9". Inside width 3' 1". Tube diameter 1' 6". Weight with equipment, no engine or fuel: 477 lbs. Weight with 40 HP SOLAS engine: 730 lbs. Capacity 6 persons. (Engine not included).

458388 **Price on Request**

Rescue Boat Ship Cradle

458354 (RR-SPCL) **Price on Request**

Single Arm Hydraulic Slewing Davits





Special Handling May Apply

General Description

Hydraulic slewing davit (Type SCH12-3.5R) suitable to handle a rescue boat type Rib 4 meter at a radius of 3.50 meters and a weight of max 1200 kilograms, including persons, fuel and SOLAS Inventory.

Main Characteristics

Application: Resuce Boat Handling.

Safe Working Load (SWL): 1200 kg.

Fixed Radius: 3.50 m.

List/Trim Conditions: 20°/10°.

Slewing: Hydraulically be means of accumulated power.

Hoisting: Electrically (18 m/min).

Hoisting (Emergency): Manually by means of crank handle.

Lowering: Gravity lowering.

Power Consumption: Winch Motor 5,5 kW. Power Pack 3,2 kW.

Duty Class: S2-10min.

Power Supply: 440V/3ph/60Hz.

Anti-Condensation Heater: In both starter box and winch motor (230V/40W).

Complete with steel pedestal and hook. USCG/SOLAS approved.

514096	(SCH 12 - 3.5 R) Hydraulic Slewing Davit with Steel Base - Slews Left	**Price on Request**
514098	(SCH 12 - 3.5 R) Hydraulic Slewing Davit with Steel Base - Slews Right	**Price on Request**
514099	(CAR 35) Auto Release Hook, SOLAS USCG Approval #160.170\EC0062\11175BEC	**Price on Request**

DATREX



Datrex Emergency Drinking Water - Overwrap
Purified water for immediate use. Lightweight and extremely compact. USCG Approval #160.026/55/0. Meets SOLAS 74/83. 1.5 liter overwrap package. 12 liters per case.

436412 (DX100EW) **$8.00 B**

DATREX



Datrex H20R Hydrostatic Release for Life Rafts
Two year disposable. USCG Approvals #160.062/5/0 and #160.162/3/2. Meets SOLAS 74/83 requirements.

436471 (HA2000H) **$142.00 B**

DATREX



Datrex Food Ration
High energy value. Ready to eat. Non thirst provoking. Small and lightweight. All natural ingredients. No preservatives. Superior coconut flavor. Individual packs: 500g. USCG Approval #160.046/21/0. Meets SOLAS 74/83. 5 year shelf life. Case dimensions: 13-1/4" x 8" x 9-1/2". 10,000 kj. 2,400 kcal ration per package.

436419 (DX2400F) **$9.50 B**

ORION



Orion Life Raft First Aid Kit
Orion has developed a line of USCG Approved First Aid Kits for Commercial Vessels. They contain everything that is required by the USCG to be included in Lifeboats. Designed to fit inflatable Liferafts. Packed in a waterproof, reusable pouch that meets all the USCG requirements for waterproofing and saltwater exposure. All the contents are individually boxed and sealed in waterproof bags. Meets the USCG requirement 46 CFR 160.54 for contents and construction. Contains: 14 items, 108 pieces.

436421 (LRAFT) **$55.95 B**

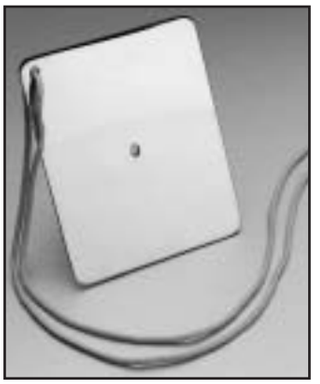
DATREX



Datrex Jackknife with Lanyard
USCG approved jackknife for use in lifeboats and liferafts. Weight: 132 grams.

320790 (DX1510M) **$24.95 E**

Emergency Rations and Survival Craft Spares



Datrex Signal Mirror
For use in lifeboats and liferafts. USCG Approval #160.020/8/0. Weight: 224g.

436445 (DX1502M) **$15.50 B**



Datrix Anti-Seasickness Tablets
For use in lifeboats and liferafts. Sold 12 tablets per pack.

436394 (DX1500M) **$3.95 B**



Datrex Bailer - For Use in Lifeboats and Liferafts
851015 (BN0088M) **$9.50 B**





Datrex Fishing Kit
For use in lifeboats and liferafts. USCG Approval #160.061/8/0. Weight: 287g.

436433 (DX1514M) **$38.00 B**

Life Saving Signal Card
851041 (DCA01020) **$7.95 B**

"Life Raft Launching Instructions" Label - Vinyl
851293 (DZ6218) **$15.95 B**

Survival Instructions
851053 (DRZ2447) **$2.95 B**

"Davit Launched Instructions" Label - Vinyl
851279 (DRZ6221) **$18.95 A**

Attwood Portable Navigation Lights

See Batteries Pg. 200

attwood



Attwood Bi-Color Bow Lights - C-Clamp Mount

For attachment on inflatables or other surfaces where screws cannot be used. Red/green lens. Feature krypton bulbs that burns bright and last long. Constructed of rugged high impact plastic with thumb switch on/off. Contemporary grey with black bezel. Length 8-1/8". Diameter 2-7/8". Requires (2) "D" cell batteries. **Not included.** Sold each per display pack.

235007 (14259-6) **$21.95 H 6K**
235639 (14276-6) Camo **$26.95 H**

attwood



Attwood Stern Lights - C-Clamp Mount

For attachment on inflatables or other surfaces where screws cannot be used. Clear lens. Feature krypton bulbs that burns bright and last long. Constructed of rugged high impact plastic with thumb switch on/off. Contemporary grey with black bezel. Length 8-1/8". Diameter 2-7/8". Requires (2) "D" cell batteries. **Not included.** Sold each per display pack.

235019 (14260-6) **$21.95 H 6K**
235627 (14274-6) Camo **$26.95 H**

Fulton Marine Waterproof Battery Operated Running Lights

Fulton Marine Running Lights were tested to meet or exceed A-16 standards and meet all lawful requirements for use on inland and international waters when properly placed on your boat. Fulton Marine Running Lights offer the convenience of battery operation. U.V. stabilized mica-filled polypropylene plastic body. Easy-to-operate positive action slide switches. Must use Fulton #1 bulb to meet requirements. Diameter 2-1/2". Sold each per display pack.

FULTON



Fulton Two Cell All-Round/Sternlites

Two Cell All-Round/Sternlites with clear-reflective lens. Black fiberglass reinforced pole has adjustable C-clamp for fast, easy transform. Height 25".

261747 (48-P) C-Clamp Mount **$20.95 H**
261759 (50-P) Heavy Duty Suction Cup Mount **$20.95 H**

FULTON



Fulton Two Cell Bowlites

Two Cell Bowlites with red/green lens.

261761 (51-P) C-Clamp Mount **$20.95 H**
261773 (52-P) C-Clamp Mount for Horizontal Surface **$20.95 H**
261785 (53-P) Heavy Duty Suction Cup Mount **$20.95 H**

Aqua Signal L.E.D. Portable Lights

Side emitting 1W Luxeon LED bulb provides the highest quality LED portable light in the industry. LED extends battery life. Uses (4) "AA" cell batteries (not included). Waterproof and it FLOATS! Shock resistant high quality neoprene rubber housing with easy screw on/off lens.

Aqua Signal L.E.D. Portable Stern Light - Suction Mount

Includes: Suction cup mount.

207034 (23490-7) **$35.95 G**

Aqua Signal L.E.D. Portable Bow Light - C-Clamp/Suction Mount

Includes: C-clamp and suction cup mounts.

207010 (23400-7) **$41.95 G**

Aqua Signal L.E.D. Portable Stern Light - C-Clamp and U-Bracket Mount

Includes: C-clamp, U-bracket and 24" pole.

207022 (23440-7) **$41.95 G**

aqua signal



Perko Bow Lights - Horizontal Mount

PERKO®



Perko Fig. 1310 Bi-Color Light - Horizontal Mount

Chrome plated zinc alloy top with black plastic base. 1 mile visibility. For use on power driven vessels under 12 meters in length. Vertical height 1". Length 4". Width 3-1/8". Uses #8 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

534380 (1310 DP CHR) **$36.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

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Perko Fig. 1218 Bi-Color Light - Horizontal Mount

Chrome plated zinc alloy with 3/4" ID flag staff socket. 1 mile visibility. For replacement use only on power driven vessels under 12 meters in length. Vertical height 1-5/8". Base dimensions: 6-3/4" x 3-7/8". Uses #8 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

533390 (1218 DP CHR) **$57.95 H 5J**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

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Perko Fig. 252 Bi-Color Light - Horizontal Mount

All black plastic. Gold plated contacts. 2 mile visibility. For use on power driven vessels under 20 meters in length. Vertical height 13/16". Length 3-1/2". Width 2-1/4". Uses #8 fasteners. #71 12 volt bulb included. Sold each per display pack.

534378 (252 BB0 DP1) **$33.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

PERKO®

NEW ITEM



Perko Fig. 615 L.E.D. Stealth Series Bi-Color Light - Horizontal Mount

Stainless steel. Vertical height 1/2". Length 2-1/2". Width 2-5/8". Uses #8 fasteners. 12 volt.

544482 (615 DP0 STS) **$111.95 H**

Perko Fig. 904 Bi-Color Light - Horizontal Mount

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Chrome plated brass top with black plastic base. 1 mile visibility. For replacement use only on sail or power driven vessels under 12 meters in length. Vertical height 7/8". Length 4-1/4". Width 2-1/8". Uses #4 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.



543378 (904 DP CHR) **$76.95 H**
536838 (296 DP LNS) Spare Lens Set – (1) Red & (1) Green **$14.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

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Perko Fig. 972 Bi-Color Light - Horizontal Mount

Chrome plated brass top with black plastic base. 1 mile visibility. For use on sail or power driven vessels under 12 meters in length. Vertical height 7/8". OD base 2-3/8". Uses #4 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

544115 (972 DP CHR) **$57.95 H 5J**
536838 (296 DP LNS) Spare Lens Set – (1) Red & (1) Green **$14.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

PERKO®



Perko Fig. 229 Bi-Color Light - Horizontal Mount

Chrome plated bronze top with black plastic base. One piece lens/base assembly. Gold plated contacts. Includes mounting gasket. 2 mile visibility. For use on power driven vessels under 20 meters in length. Vertical height 7/8". Length 4". Width 3". Uses #8 fasteners. #71 12 volt bulb included. Sold each per display pack.

535418 (229 DP CHR) **$81.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

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Perko Fig. 1201 Tri-Color Light

Black plastic and chrome plated zinc alloy top with black plastic base. Red and green bi-color - 1 mile visibility. White (stern) - 2 mile visibility. For use on vessels under sail alone under 12 meters in length. Vertical height 3-1/4". Base dimensions: 1" x 2-5/8". Uses #8 fasteners. Two #71 12 volt bulbs included. Sold each per display pack.

533280 (1201 DP BLK) **$62.95 H**
536675 (278 DP WHT) Spare White Lens, 2 Per Pack **$11.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

Marpac Bow Lights



Marpac Combination Bow Light
Stainless steel. 20 points, 225°. Red and green lens. Diameter 2-1/4". #90 12 volt bulb included.

7-0080 **$13.95 F 3Q**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**



Marpac Combination Side Light
For use on power boats under 39.4'. 1 mile visibility. Meets ABYC standard A-16. #90 12 volt bulb included.

7-0841 **$10.95 F 3Q**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**



Marpac Combination Bow Light
Stainless steel. Teardrop design. 10 watt. 12 volt.

7-0060 **$24.95 F 3Q**



Marpac Combination Bow Light
Stainless steel. Round design. 10 watt. 12 volt.

7-0058 **$14.95 F 3Q**



Marpac Combination Bow Light
Chrome plated finish. For use on power boats under 39.4'. 1 mile visibility. #71 12 volt bulb included. 5 year warranty. Made in the USA.

7-0375 **$33.95 F 3Q**
7-3930 (71) Spare Bulbs, 2 Per Pack **$3.29 L**

Aqua Signal Bow Light

Aqua Signal Series 20 Bi-Color Light
Bi-color combination, deck mount. Rigid polycarbonate, glass fibre reinforced, seawater resistant, non-inflammable, nonmagnetic. Black. Rigid polycarbonate fresnel lens. Red/green lens. 1 mile visibility. For power boats up to 12 meters. 12 volt.

207086 (20100-7) **$29.95 G**



Note: Photograph is of a Bi-Color Light with a White Casting.

Attwood Bow Lights



attwood

Attwood L.E.D. Side Light - Deck Mount

Proprietary optics design draws only 2.4 watts at 12 volts - the lowest power draw on the market today! Designed to resist corrosion in even the most extreme saltwater environments. Lights are completely sealed and are water tight. LED technology keeps lights cool to the touch and is rated for 50,000+ hours of use. 2 mile visibility. For use on boats up to 20 meters (65.6').

235665 (3540-7) **$46.95 H**



attwood

Attwood Bi-Color Side Light - Horizontal Deck Mount

Made with a rugged stainless steel cover for outstanding resistance to impact and corrosion. For use on boats up to 20 meters (65.6'). Smooth contour prevent lines from snagging on housing. Stainless steel electrical contacts will not corrode. Compact size allows installation on confined decks. Tinned-copper wire leads for easy installation and corrosion resistance. 2 mile, 225° visibility. Height 1-1/2". Length 3-3/8". Width 2-7/16" (at base). Includes efficient, high-output 10-watt bayonet lamp. 12 volt.

235413 (3810-7) **$39.95 H**

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attwood



Attwood Bi-Color Side Light - Deck Mount

Die-cast zamak with perma-plate chrome finish. Red/green lens. For power boats up to 12 meters. Housing completely encases socket. 1 mile visibility. Height 1-3/8". Length 2-3/4". Width 2-1/2" (at base). #90 12 volt bulb included. Two holes for #8 flat or oval head screws. Sold each per skin packed card.

235122 (6375D7) **$22.95 H**
219469 (90) Spare Bulbs, 10 Per Pack **$1.95 H**

attwood



Attwood Bi-Color Side Light - Deck Mount

Die-cast zamak with perma-plate chrome finish. Red/green lens. For power boats up to 12 meters. Lamp and socket are contained inside housing. Lamp can be serviced without removing light from the boat. 1 mile visibility. Height 2-1/2". Length 3". Width 2-5/8" (at base). #90 12 volt bulb included. Two holes for #10 screws. Sold each per skin packed card.

235108 (6357D7) **$35.95 H**
219469 (90) Spare Bulbs, 10 Per Pack **$1.95 H**

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attwood



Attwood Bi-Color Side Light - Deck Mount

Constructed of corrosion resistant 304 stainless steel. Red/green lens. Meets COLREG 72 and is internationally approved for boats up to 12 meters. Stainless steel 1/4" terminals provide fast connection to wire leads with 1/4" spade connectors. Rubber gasket seals lens to the base for internal corrosion resistance. 1 mile, 225° visibility. With 7" wire leads. #90 12 volt bulb included. Three holes for #6 screws. Sold each per skin packed card.

235401 (66318-7) **$31.95 H**
219469 (90) Spare Bulbs, 10 Per Pack **$1.95 H**

Plug-In Bow Lights



Marpac Bi-Color Plug-In Bow Light
Black with base. Red and green lens. Pole length 12". 10 watt. 12 volt.

7-0055 **$28.95 F 3Q**

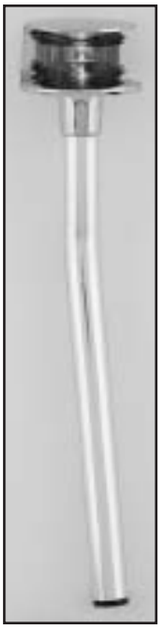


PERKO®

NEW ITEM

Perko Fig. 1616 Stealth Series Removable Bi-Color Pole Light
Stainless steel top. 3/4" diameter anodized aluminum tube. Stow-a-way plug-in type pole. **Requires 2 pin mounting base.** Pole length: 17-3/8". Pole rake: 0°. Locking collar. 12 volt. Fits bases: 1045 (2-Pin) and 1047 (2-Pin).

544494 (1616 DP3 BLK) **$157.95 H**



attwood



Attwood Stow-a-way Bi-Color Combination Side Light
The base extends just 3" below the deck and has a swivel cover to protect socket when the light is stowed away. Socket is noncorrosive plastic. Features an anodized aluminum pole. Base and light head are constructed of die cast zamak with perma-plate finish and the lens is polycarbonate. Red/green lens. 1 mile visibility. For boats up to 12 meters. 10" high with 4" long x 1-5/8" wide base. Installation hole size: 1-3/8" diameter. Three holes for #10 screws. #90 12 volt bulb included.

235156 (6368-3) **$51.95 H**
235259 (911339-7) Spare Base, Angled Pole **$21.95 H**
235300 (910851-7) Spare Side Light without Base **$39.95 H 3K**
219469 (90) Spare Bulbs, 10 Per Pack **$1.95 H**

PERKO®

Must Order Base Separately





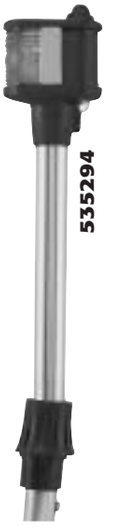
Perko Fig. 1612 Removable Bi-Color Pole Light
Black plastic. Red and green lens. Locking collar. 3/4" diameter anodized aluminum tube. Gold plated contacts. 1 mile visibility. For use on sail or power driven vessels under 12 meters in length. Pole length: 12". Pole rake: 0°. **Requires 2 pin mounting base.** Fits base: 1045 (2-Pin). #71 12 volt bulb included. Sold each per display pack.

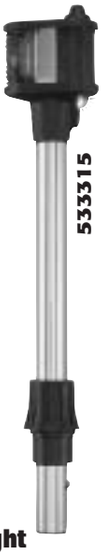
535133 (1612 DP2 BLK) **$32.95 H**
536384 (1045 P00 DP) Plug-in Type Base **$29.95 H**
541739 (71 DP CLR) Spare Bulbs **$10.95 H**

PERKO®

Must Order Base Separately











Perko Figs. 1211 and 1212 Removable Bi-Color Pole Lights with Utility Light
Black plastic top. Red and green lens. Locking collar. 3/4" diameter anodized aluminum tube. Stow-a-way plug-in type pole. Deck illuminating utility light. Gold plated contacts. 1 mile visibility. For use on sail or power driven vessels under 12 meters in length. Pole length 12-1/2". **Requires 3 pin mounting base.** #71 12 volt bulb included. Sold each per display pack.

535294 (1212 DP2 CHR) Pole Rake 5° **$52.95 H**
533315 (1211 DP2 CHR) Pole Rake 0° **$52.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

Perko Plug-In Type Bases

Chrome plated brass and black plastic. Waterproof snap-on cover. Locking collar is included to allow interchangeability with discontinued style bases. Pigtail leads. Number of contacts: 3. Base dimenions: 2-1/4" OD. Tube angle: 0°. Uses #8 fasteners. For Perko bow light **533315** (1211 DP2 CHR).

536396 (1045 300 DP) **$35.95 H**

Chrome plated brass and black plastic. Water resistant slide cover. Pigtail leads. Number of contacts: 3. Base dimenions: 3-1/2" x 1-1/2". Tube angle: 0°. Uses #8 fasteners. For Perko bow light **533315** (1211 DP2 CHR).

536423 (1047 3B0 DP) **$43.95 H**

Chrome plated zinc ally and black plastic insert. Waterproof snap-on cover. Locking collar is included to allow interchangeability with discontinued style bases. Pigtail leads. Gold plated contacts. Number of contacts: 3. Base dimensions: 3-3/4" x 1-3/4". Tube angle: 5°. Uses #8 fasteners. For Perko bow light **535294** (1212 DP2 CHR).

536512 (1060 3B0 DP) **$36.95 H**

Marpac Side Lights



Marpac Side Lights - Horizontal Mount
Stainless steel. Red and green lens. 112-1/2° visibility. 10 watt. 12 volt. Sold per pair.

7-0059 **$28.95 F 3Q**



Marpac Side Lights - Vertical Mount
Stainless steel. Red and green lens. #90 12 volt bulb included. Sold per pair.

7-0079 **$21.95 F 3Q**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**



Marpac Side Lights - Vertical Mount
Polished stainless steel housing. Red and green lens. 112-1/2° visibility. Dimensions: 4" L x 2-1/4" W. #90 12 volt bulb included. Sold per pair.

7-0111 **$26.95 F 3Q**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**



Marpac Side Lights - Flush Mount
Stainless steel. Red and green lens. 112-1/2° visibility. Length 7-3/4". Height 2-1/4". #90 12 volt bulb included. Sold per pair.

7-0095 **$32.95 F**
7-9034 Spare Red and Green Lens Set **$5.95 F**
7-9035 Spare Socket Assembly **$8.95 F**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**

Aqua Signal Series 20 Side Lights

Deck Mount





Side Mount

Note:
Photograph is with a White Casting.

Aqua Signal Series 20 Side Lights - Black Casting
Rigid polycarbonate, glass fiber reinforced, seawater resistant, non-inflammable, nonmagnetic. Black. Rigid polycarbonate fresnel lens. 1 mile visibility. For power boats up to 12 meters. 12 volt.

207099	(20200-7) Deck Mount	Starboard (Green)	**$29.95 G**
207111	(20300-7) Deck Mount	Port (Red)	**$29.95 G**
207105	(20202-7) Side Mount	Starboard (Green)	**$25.95 G**
207117	(20302-7) Side Mount	Port (Red)	**$25.95 G**

Perko Side Lights - Vertical Mount

For Use on Power Driven Vessels Under 20 Meters in Length.



Perko Fig. 602 L.E.D. Side Lights - Vertical Mount

White epoxy coated bronze. Vertical mount. Low profile - small size. Uses 10% of the energy draw of standard lights. Low heat. Long life. 2 mile visibility. For use on power driven vessels under 20 meters in length. Length 3-1/4". Width 2". Projection 1-1/8". Uses #8 fasteners. 12 volt. Sold per pair per display pack.

544432 (602 DP1 WHT) **$194.95 H**



Perko Fig. 254 Side Lights - Vertical Mount

All black plastic. Red and green lens. Vertical mount. Gold plated contacts. 2 mile visibility. For use on power driven vessels under 20 meters in length. Length 3-1/2". Width 2-1/4". Projection 7/8". Uses #8 fasteners. #71 12 volt bulbs included. Sold per pair per display pack. Standard pack 5.

536067 (254 B00 DP1) **$67.95 H 5J**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

For Use on Sail or Power Driven Vessels Under 12 Meters in Length.



Perko Fig. 955 Side Lights - Vertical Mount

Chrome plated brass top with black plastic base. Red and green lens. Vertical mount. 1 mile visibility. For use on sail or power driven vessels under 12 meters in length. Length 4-1/4". Width 2-3/8". Projection 5/8". Uses #4 fasteners. #71 12 volt bulbs included. Sold per pair per display pack. Standard pack 5.

543947 (955 DP0 CHR) **$104.95 H 5J**
536361 (260 DP LNS) Spare Lens Set **$14.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**



Perko Fig. 1264 Side Lights - Vertical Mount

Chrome plated zinc alloy with black vinyl mounting gasket. Red and green lens. Vertical mount. 1 mile visibility. For replacement use only on power driven vessels under 12 meters in length. Overall projection 1-3/4". Length 5-1/2". Width 3-1/8". Uses #8 fasteners. #71 12 volt bulbs included. Sold per pair per display pack. Standard pack 5.

533895 (1264 DP0 CHR) **$85.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

Perko Side Lights - Horizontal Mount

For Use on Power Driven Vessels Under 20 Meters in Length.

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Perko Fig. 232 Side Lights - Horizontal Mount

Chrome plated bronze top with black plastic base. Red and green lens. Horizontal mount. Gold plated contacts. One piece lens/base assembly. Includes mounting gasket. 2 mile visibility. For use on power driven vessels under 20 meters in length. Vertical height 7/8". Length 4". Width 3". Uses #8 fasteners. #71 12 volt bulbs included. Sold per pair per display pack.

535420 (232 DP0 CHR)		**$188.95 H**
541739 (71 DP CLR)	Spare Bulbs, 2 Per Pack	**$10.95 H**

PERKO®



Perko Fig. 253 Side Lights - Horizontal Mount

All white plastic. Red and green lens. Horizontal mount. Gold plated contacts. 2 mile visibility. For use on power driven vessels under 20 meters in length. Vertical height 13/16". Length 3-1/2". Width 2-1/4". Uses #8 fasteners. #71 12 volt bulbs included. Sold per pair per display pack.

542476 (253 W00 DP1)		**$67.95 H**
541739 (71 DP CLR)	Spare Bulbs, 2 Per Pack	**$10.95 H**

For Use on Sail or Power Driven Vessels Under 12 Meters in Length.

PERKO®



Perko Fig. 963 Side Lights - Horizontal Mount

Chrome plated brass top with black plastic base. Red and green lens. Horizontal mount. 1 mile visibility. For use on sail or power driven vessels under 12 meters in length. Vertical height 7/8". Base OD 2-3/8". Uses #8 fasteners. #71 12 volt bulbs included. Sold per pair per display pack. Standard pack 5.

543997 (963 DP0 CHR)		**$106.95 H**
536737 (281 DPA LNS)	Spare Lens Set	**$14.95 H**
541739 (71 DP CLR)	Spare Bulbs, 2 Per Pack	**$10.95 H**

PERKO®



Perko Fig. 1601 Side Lights - Horizontal Mount

Black plastic. Red and green lens. Normal "Base-Down" mount. Great for Pontoon Boats. 1 mile visibility. For use on sail or power driven vessels under 12 meters in length. Vertical height 1-1/4". Height overall 1-7/8". Base dimensions: 1-1/8" x 3". Uses #8 fasteners. #71 12 volt bulbs included. Sold per pair per display pack. Meets ABYC Standard A-16.

542488 (1601 DP0 BLK)		**$69.95 H**
541739 (71 DP CLR)	Spare Bulbs, 2 Per Pack	**$10.95 H**

Certified for Replacement Use Only on Sail or Power Driven Vessels Under 12 Meters in Length.

PERKO®



Perko Fig. 915 Side Lights - Horizontal Mount

Chrome plated brass top with black plastic base. Red and green lens. 1 mile visibility. For replacement use only on sail or power driven vessels under 12 meters in length. Length 4-1/4". Width 2-3/8". Vertical height 7/8". Uses #4 fasteners. #71 12 volt bulbs included. Sold per pair per display pack. Standard pack 5.

542480 (915 DP0 CHR)		**$132.95 H**
536737 (281 DPA LNS)	Spare Lens Set	**$14.95 H**
541739 (71 DP CLR)	Spare Bulbs, 2 Per Pack	**$10.95 H**

Attwood Side Lights



Attwood Side Lights - Vertical Mount

Constructed of corrosion resistant 304 stainless steel. Completely watertight: the polycarbonate lens encases the bulb and socket assembly; a gasket between the lens and base provides additional protection. Includes: One 7.5 watt lamp. Wire hole size 3/4" diameter. Installs with three #6 stainless steel screws, included. Each light provides 1 mile, 112.5° visibility. 12 volt

235244 (66314-R7)	Red Side Light Only	**$37.95 H**
235245 (66314-G7)	Green Side Light Only	**$37.95 H**
219469 (90)	Spare Bulbs, 10 Per Pack	**$1.95 H**



Attwood Side Lights - Horizontal Deck Mount

Constructed of corrosion resistant 304 stainless steel. Rubber gasket seals lens to the base for internal corrosion resistance. New stainless steel 1/4" terminals provide fast connection to wire leads with 1/4" spade connectors. 1 mile visibility. For use on power boats up to 12 meters. Length 2-1/2". Width 2-1/4". Height 1-1/2". Includes: One 8 watt lamp. Three holes for #6 screws. 7" wire leads. Sold per pair.

235427 (66319)	Side Light Kit	**$62.95 H**
235437 (66319-G7)	Green Side Light Only	**$31.95 H**
235449 (66319-R7)	Red Side Light Only	**$31.95 H 3K**



Attwood L.E.D.

Side Lights - L3500 Series - Horizontal Deck Mount

Proprietary optics design draws only 2.4 watts at 12 volts - the lowest power draw on the market today! Designed to resist corrosion in even the most extreme saltwater environments. Lights are completely sealed and are water tight. LED technology keeps lights cool to the touch and is rated for 50,000+ hours of use. 2 mile visibility. For use on boats up to 20 meters. 12 volts.

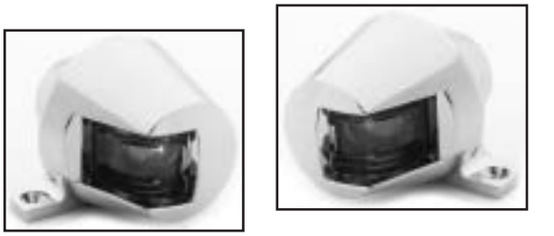
235689 (3550R7)	Red Side Light Only	**$42.95 H**
235677 (3550G7)	Green Side Light Only	**$42.95 H**



Attwood Side Lights - Vertical Mount

Clean, contoured shape blends in well making the light less noticeable, providing an integrated look with the boat. Stainless steel cover. Rugged stainless steel internal, components for corrosion free performance. For use on boats to 20 meters. In full compliance with the latest industry and USCG requirements. Contoured shape to prevents lines from snagging on the light. 7" tinned wire leads - make it easier to make a permanent, corrosion resistant connection. Each light provides 2 mile, 112.5° visibility. 12 volt.

235237 (3838-R7)	Red Side Light Only	**$37.95 H**
235239 (3838-G7)	Green Side Light Only	**$37.95 H**



Attwood Side Lights - Horizontal Deck Mount

Base allows easy surface mounting on decks or gunwales. Lamp and socket are contained inside zamak housing. Lamp can be serviced without removing light from the boat. 1 mile visibility. For use on power boats up to 12 meters. Height 2-1/2". Length 3". Width 2-5/8" (at base). #90 12 volt bulb included. Two holes for #10 screws. Sold per pair.

235112 (6358D4)	Side Light Kit	**$69.95 H**
235115 (6358-G7)	Green Side Light Only	**$34.95 H**
235118 (6358-R7)	Red Side Light Only	**$34.95 H**
219469 (90)	Spare Bulbs, 10 Per Pack	**$1.95 H**



Attwood Side Lights - Horizontal Deck Mount

Stainless steel side lights are made with a rugged stainless steel cover for outstanding resistance to impact and corrosion. For use on boats up to 20 meters. Smooth contour prevent lines from snagging on housing. Stainless steel electrical contacts will not corrode. Compact size allows installation on confined decks. 7" tinned wire leads. Each light provides 2 mile, 112.5° visibility. 12 volt.

235241 (3820-R7)	Red Side Light Only	**$39.95 H**
235242 (3820-G7)	Green Side Light Only	**$39.95 H**

Marpac Stern Lights



Marpac Stern Light - Vertical Flush Mount
Polished stainless steel. Clear lens. 2 mile visibility. Diameter 3-1/8". Depth 1-3/4". Supplied with rubber mounting gasket. 15 watt. 12 volt.

7-0577 **$6.95 F 3Q**
7-4010 (70 DP1) Spare Bulbs **$6.59 L**



Marpac Stern Light - Horizontal Mount
Polished stainless steel. Clear lens. Diameter 2-3/8". #90 12 volt bulb included.

7-0081 **$11.95 F 3Q**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**

Marpac Transom Light - Rectangular



Marpac Transom Light - Rectangular
Polished stainless steel. Clear lens. Dimensions: 5-1/16" x 3-1/16". Uses #10 fasteners. 12 volt, 6 C.P. bulb included.

7-0861 **$8.95 F 3Q**
7-4010 (70 DP1) Spare Bulbs **$6.59 L**

Marpac All-Round Light



Marpac All-Round Light
Polished stainless steel. Clear lens. Diameter 2-3/8". #90 12 volt bulb included.

7-0101 **$8.95 F 3Q**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**

Attwood Transom Light



Attwood Transom Light - Vertical Flush Mount
304 stainless steel with a plastic body and watertight lamp socket. Rubber gasket seals lens and body to mounting surface. 2 mile visibility. For power boats and sailing vessels up to 50 meters. Diameter 3". Installation hole size: 2" diameter. Two holes for #8 screws. #90 12 volt bulb included. Includes two stainless steel screws. Sold each per skin packed card.

235235 (6356D7) **$18.95 H 3K**
219469 (90) Spare Bulbs, 10 Per Pack **$1.95 H**
7-3936 (90) Spare Bulbs, 2 Per Pack **$2.69 L**

Perko Stern Lights - Clear Lens

PERKO®



544038



543769

Perko Fig. 945 Stern Lights

Chrome plated brass top with black plastic base. Clear lens. 2 mile visibility.

Vertical mount. For replacement use only on sail or power driven vessels under 20 meters in length. Height 7/8". Base OD 2-3/8". Uses #4 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

543769 (945 DP0 CHR) **$51.95 H 5J**

Horizontal mount. For use on sail or power driven vessels under 20 meters in length. Height 3/4". Base OD 2-3/8". Uses #4 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

544038 (965 DP0 CHR) **$51.95 H 5J**

541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

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Perko Fig. 1332 Stern Light - Vertical Mount

Chrome plated zinc alloy top with black plastic base. Clear lens. Vertical mount. 2 mile visibility. Certified for replacement use only on sail or power driven vessels under 20 meters in length. Length 3-3/4". Width 1-1/2". Uses #4 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

534608 (1332 DP0 CHR) **$55.95 H**
536675 (278 DP0 WHT) Spare Lens, 2 Per Pack **$11.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

PERKO®



Perko Fig. 939 Stern Light - Vertical Flush Mount

Chrome plated brass top with black plastic base. Clear lens. Vertical flush mount. 2 mile visibility. For use on sail or power driven vessels under 20 meters in length. Dimensions: 5-3/16" x 3-3/8". Depth 1-1/2". Uses #8 fasteners. #70 12 volt bulb included. Sold each per display pack. Standard pack 5.

543694 (939 DP1 12V) **$117.95 H 5J**
536776 (284 DP0 CLR) Spare Lens Set **$8.95 H**
541626 (70 DP0 CLR) Spare Bulbs, 2 Per Pack **$9.95 H**

PERKO®



Perko Fig. 946 Stern Light - Vertical Flush Mount

Chrome plated brass bezel with black plastic base. Clear lens. Vertical flush mount. 2 mile visibility. For use on sail or power driven vessels under 20 meters in length. OD 3". Depth 1". Uses #8 fasteners. #70 12 volt bulb included. Sold each per display pack. Standard pack 5.

543771 (946 DP1 12V) **$63.95 H 5J**
541626 (70 DP0 CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

Perko Masthead Lights

PERKO®



Perko Fig. 1331
Masthead Light - Vertical Mount

Chrome plated zinc alloy top with black plastic base. Vertical mount. 3 mile visibility. For use on sail or power driven vessels under 20 meters in length. Length 3-1/4". Width 1-1/2". Uses #4 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

534619 (1331 DP0 CHR) **$55.95 H**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

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Perko Fig. 964
Masthead Light - Horizontal Mount

Chrome plated brass top with black plastic base. Horizontal mount. 2 mile visibility. Certified for replacement use only on sail or power driven vessels under 12 meters in length. Base OD 2-3/8". Height 7/8". Uses #4 fasteners. #71 12 volt bulb included. Sold each per display pack. Standard pack 5.

544014 (964 DP0 CHR) **$51.95 H 5J**
541739 (71 DP CLR) Spare Bulbs, 2 Per Pack **$10.95 H**

Perko Combination Masthead and White All-Round Lights





531640

PERKO®

Perko Fig. 1284 Combination Masthead and White All-Round Light

Black plastic top with clear plastic lens. Black plastic base. Reduced glare design. Vertical mount. Fold-down, adjustable angle. 3/4" diameter anodized aluminum tube. Plastic adapters for flat or "V" type mount, contains notch for through-base wiring. 2 mile visibility. For use on power driven vessels under 12 meters in length. Height 12-3/16". Base dimensions: 2-1/4" x 5/8". Uses #8 fasteners. (2) #71 12 volt bulbs included. Sold each per display pack. Standard pack 5.

532995 (1284 DP0 CHR)		**$58.95 H**
531640 (1052 DPA CHR)	Spare Old Style Zinc Bracket	**$24.95 H**
541739 (71 DP CLR)	Spare Bulbs, 2 Per Pack	**$10.95 H**



PERKO®

NEW ITEM

Perko Fig. 1345 L.E.D. White All-Round Light

White plastic top with clear fluted lens and frosted globe. Fixed mount white plastic base. Reduce glare design. Base dimensions: 1" x 2-5/8". Vertical height 7-1/8". Uses #8 fasteners. 3/4" diameter anodized aluminum tube. 12 volt.

544507 (1345 DP1 WHT) **$128.95 H**



PERKO®

Perko Fig. 1281 Combination Masthead and White All-Round Light

Black plastic top with black plastic base. Fold-down, adjustable angle. 3/4" diameter anodized aluminum tube. Reduced glare design. Clear plastic lens. Plastic adapters for flat or "V" type mount, contains notch for through-base wiring. 2 mile visibility. For use on power driven vessels under 12 meters in length. Height 12-3/16". Base dimensions: 2" x 1-1/2". Uses #8 fasteners. (2) #71 12 volt bulbs included. Sold each per display pack. Standard pack 5.

532967 (1281 DP0 CHR)		**$58.95 H**
541739 (71 DP CLR)	Spare Bulbs, 2 Per Pack	**$10.95 H**

PERKO®



532983



533188



533202

Perko Combination Masthead and White All-Round Lights

Black plastic top with black plastic base. Reduced glare design. Fixed mount. 3/4" diameter anodized aluminum tube. 2 mile visibility. For use on power driven vessels under 12 meters in length. Base dimensions: 1" x 2-5/8". Uses #8 fasteners. (2) 12 volt bulbs included. Sold each per display pack. Standard pack 5.

532983 (1283 DP0 BLK)	Height 2-1/4"	**$41.95 H**
533188 (1236 DP1 BLK)	Height 4-1/4"	**$45.95 H**
533202 (1236 DP2 BLK)	Height 10-1/2"	**$49.95 H**

PERKO®



Perko Fig. 455 Combination Masthead and White All-Round Lights

Black plastic base with clear fresnel globe. Fixed mount. 3/4" diameter tube. Gold plated contacts. 2 mile visibility. For use on power driven vessels under 20 meters in length. Base OD 2-1/8". Uses #8 fasteners. 12 volt bulb included. Sold each per display pack. Standard pack 5.

538631 (455 DP1 CHR)	Length 4-1/2"	**$56.95 H**
538643 (455 DP2 CHR)	Length 11-7/8"	**$63.95 H**
536031 (248 DP0 CLR)	Spare Globe	**$13.95 H 5J=**

attwood



Attwood Anchor/Masthead Light with Cam-Lock Adjustable Base

3 mile, 360° visibility. For use on boats up to 12 meters. Cam-lock base installs with two #10 fasteners (not included). Each light includes 9-watt wedge base lamp. Big cam-lock handle is easy to grasp. Once locked, stays locked in normal conditions. All wiring is concealed and protected within the pivoting base. Comes with both horizontal and vertical mounts. 12 volt.

235510 (7202-7) Length 20" **$58.95 H**

Aqua Signal Series 20 Stern Lights

Aqua Signal Series 20 Stern Lights

Clear all-round light. Rigid polycarbonate, glass fibre reinforced, seawater resistant, non-inflammable, nonmagnetic. Black. Rigid polycarbonate fresnel lens. 2 mile visibility. For use on power boats up to 12 meters. 12 volt.

207079 (20040-7) Pedestal Height 4" **$24.95 G**
207080 (20080-7) Pedestal Height 8" **$29.95 G**
207092 (20180-7) Fold Down Height 18" **$112.95 G**
207130 (20700-7) Plug-In Pole Light Base **$17.95 G**


207080


207092

Perko Delta Series - White All-Round Lights



Perko Fig. 1470 Delta Series - Universal Replacement White All-Round Lights

Delta Series Package includes: (2) Globes (reduced glare and ful output) and (2) Collars (threaded and locking). Wide 40° adjustability head. 2 screw postions for multiple base applications. 3/4" diameter anodized tube. Gold plated contacts. 2 milie visibility. For use on power driven vessels under 20 meters in length. 12 volt bulb. Sold each per display pack.

534758 (1470 DP5 CHR) Length 42" **$48.95 H**
534772 (1470 DP8 CHR) Length 60" **$57.95 H**

Special Handling May Apply

Perko Plug-In Type Bases for Perko Fig. 1470 All-Round Lights


536411


536409

Perko Plug-In Type Bases

Chrome plated brass and black plastic. Water resistant slide cover. Locking collar. Pigtail leads. Gold plated contacts. Number of contacts: 2. Base dimenions: 3-1/2" x 1-1/2". Uses #8 fasteners. For Perko Fig. 1470 Delta Series All-Round Lights.

536409 (1046 P00 DP) Tube Angle: 5° **$37.95 H**
536411 (1047 P00 DP) Tube Angle: 0° **$37.95 H**

Chrome plated brass and black plastic. Waterproof snap-on cover. Threaded collar. Pigtail leads. Gold plated contacts. Number of contacts: 2. Base dimenions: 3-1/2" x 2". Uses #8 fasteners. For Perko Fig. 1470 Delta Series All-Round Lights.

536435 (1048 P00 DP) Tube Angle: 5° **$33.95 H**


536485


536500

Perko Plug-In Type Bases

Chrome plated zinc alloy and black plastic. Waterproof snap-on cover. Locking collar. Pigtail leads. Gold plated contacts. Number of contacts: 2. Base dimenions: 3-3/4" x 1-5/8". Uses #8 fasteners. For Perko Fig. 1470 Delta Series All-Round Lights.

536485 (1059 P00 DP) Tube Angle: 16° **$26.95 H**

Chrome plated zinc ally and black plastic insert. Waterproof snap-on cover. Locking collar is included to allow interchangeability with discontinued style bases. Pigtail leads. Gold plated contacts. Number of contacts: 2. Base dimensions: 3-3/4" x 1-3/4". Uses #8 fasteners. For Perko Fig. 1470 Delta Series All-Round Lights.

536500 (1060 PB0 DP) Tube Angle: 5° **$32.95 H**

All-Round Lights



PERKO®

Perko Figs. 1134 and 1137
Fold-Down White All-Round Lights

Black plastic base with white translucent globe. Fold-down, adjustable angle. 3/4" anodized aluminum tube. Plastic adapter available for flat or "V" type mounts, contains notch for through-base wiring. 2 mile visibility. For use on sail or power driven vessels under 20 meters in length. Height 14". Uses #8 fasteners. 12 volt bulb included. Sold each per display pack. Standard pack 5.

532223 (1134 DP0 CHR)	Horizontal Mnt. Base 2" x 1-1/2"	**$40.95 H**
532247 (1137 DP0 CHR)	Vertical Mnt. Base 2-1/4" x 5/8"	**$40.95 H**
531640 (1052 DPA CHR)	Spare Bracket for **532223**	**$24.95 H**
535611 (201 DP0 WHT)	Spare Globe	**$12.95 H**



PERKO®

Perko Fig. 1209 Stow-a-way Plug-In All-Round Light

Chrome plated brass top and base Clear fresnel globe. Waterproof cap and retainer. Screw on plastic collar. 3/4" anodized aluminum tube. 2 mile visibility. For use on power driven vessels under 20 meters in length. Pole has 16° rake. Height 28-1/2". Base length 3-3/8". Base width 2-1/4". Uses #8 fasteners. #90 12 volt bulb included. Sold each per display pack. Standard pack 5.

533302 (1209 DP3 CHR)		**$103.95 H**
536031 (248 DP0 CLR)	Spare Globe	**$13.95 H 5J**
219469 (90)	Spare Bulbs, 10 Per Pack	**$1.95 H**





Marpac
All-Round Light - Stow-a-way

For use on power boats under 65.6'. 2 mile visibility. Clear fresnel globe. Chrome plated finish. Locking collar on pole. Base has waterproof snap-on cover. 16° rake. Limited cockpit illumination. 12 volt, 6 C.P. bulb included. 5 year warranty. Made in the USA.

7-0377		**$51.95 F 3Q**
7-0373	Replacement Pole	**$32.95 F 3Q**
7-0374	Replacement Base	**$19.95 F 3Q**
7-3936	(90) Spare Bulbs, 2 Per Pack	**$2.69 L**





Marpac All-Round Light - Telescoping

For use on power boats under 65.6'. 2 mile visibility. Clear fresnel globe. Chrome plated finish. 16° rake. Limited cockpit illumination. 12 volt, 6 C.P. bulb included. 5 year warranty. Made in the USA

7-0376		**$36.95 F 3Q**
7-3936	(90) Spare Bulbs, 2 Per Pack	**$2.69 L**



Marpac All-Round Light

For use on power boats under 65.6'. Length 24". Includes: A heavy duty plug-in base. 10 watt. 12 volt. Meets USCG A-16 requirements.

7-0050		**$31.95 F 3Q**
7-0051	Replacement Pole	**$22.95 F 3Q**

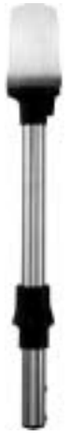


Marpac Plug-In Bases

Fits most plug-in style poles. Includes: Positive locking cover and 8" leads.

7-0052		**$9.95 F 3Q**
7-0053	Stainless Steel	**$27.95 F 3Q**

Stow-a-way Plug-In All-Round Lights



PERKO®

Perko Fig. 1400 Alpha Series - Universal Replacement White All-Round Lights

Black plastic top with white translucent globe. Replacement stow-a-way plug-in type. Selective use of 2 screw holes and/or collar allow for use in multiple applications. 3/4" diameter anodized aluminum tube. Locking collar. Gold plated contacts. 2 mile visibility. For use on sail or power driven vessels under 20 meters in length. Pole rake: 0°. 12 volt bulb included. **Note: Bases not included.** Sold each per display pack.

534633 (1400 DP4 CHR) Length 36" **$40.95 H**
534645 (1400 DP5 CHR) Length 42" **$43.95 H**
534669 (1400 DP6 CHR) Length 48" **$46.95 H**



attwood



Collar Holds Halves Together When Folded



Mid-Point Hinge



Pole Extended

Attwood Articulating Head Folding Pole All-Round Light

The Folding Pole All-Round light has all the features of the patented Articulating Anti-Glare light plus one great advantage - the removable pole folds in half for easy stowage. The mid-point hinge is corrosion-resistant, glass-filled black plastic with a durable hinge pin. Wiring is sheathed at the hinge for trouble-free operation. 2-pin locking collar pole. 2 mile, 360° visibility.

235184 (5340-54-7) Length 54" **$55.95 H**
235806 (912852-7) Spare Globe **$3.95 H**

attwood





235259



235172

Attwood Straight Pole All-Round Lights

The new frosted globe lights use a standardized lamp. The new lens has a clean, translucent look. 2-pin locking collar pole. 2 mile, 360° visibility.

235324 (5110-24-7) Length 24" **$18.95 H 3K**
235336 (5110-30-7) Length 30" **$25.95 H 24K**
235337 (5110-36-7) Length 36" **$28.95 H 6K**
235348 (5110-42-7) Length 42" **$28.95 H 6K**
235350 (5110-48-7) Length 48" **$31.95 H**
235259 (911339-7) Spare Zamak Base **$21.95 H 3K**
235172 (91024-7) Spare Black Base **$19.95 H**
235805 (91017B7) Spare Globe **$5.95 H 6K**

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Perko Fig. 1440 Replacement Stow-a-way Plug-In All-Round Lights

Reduced glare design. Clear fluted globe. Black plastic top. 2 mile visibility. For use on power driven vessels under 20 meters in length. 3/4" anodized aluminum tube with locking collar. 12 volt bulb included. **Note: Bases not included.** Sold each per display pack. Fits Perko Style Vertical Bases.

534705 (1440 DP2 CHR) Length 24" **$29.95 H**
534707 (1440 DP4 CHR) Length 36" **$34.95 H**
534708 (1440 DP5 CHR) Length 42" **$37.95 H**
534710 (1440 DP7 CHR) Length 54" **$43.95 H**
535306 (238 DP BLK) Spare Globe **$10.95 H**

attwood



Attwood Articulating Head Anti-Glare All-Round Lights

Attwood's Anti-Glare Lights are a great improvement - they focus light at the horizon and above, not in the pilot's eyes. The bottom aperture reduces glare at 7.5° below horizontal. Above horizontal, the continuous arc of light makes the boat more visible to taller craft. The patented Articulating Head adjusts from 15° forward to 15° aft. 2-pin locking collar pole. 2 mile, 360° visibility.

235415 (5330-42-7) Length 42" **$39.95 H**
235417 (5330-48-7) Length 48" **$40.95 H**
235172 (91024-7) Spare Black Base **$19.95 H**
235806 (912852-7) Spare Globe **$3.95 H**

attwood



Attwood Straight Pole L.E.D. All-Round Light

Proprietary optics design draws only 1.8 watts at 12V DC - the lowest power draw of any 2 mile All-Round light on the market today. Lights are rated for 50,000+ hours of use. 2 mile, 360° visibility. For use on boats up to 39.4'. Articulating head. 2-pin locking collar pole.

235691 (5530-42-7) Length 42" **$56.95 H**

Attwood Stow-a-way Plug-In All-Round Lights





attwood

Attwood

Stow-a-way Pole All-Round Lights

Convenient all-round light can be removed from base for storage. Swivel cover on base protects the socket when light is stowed away. Frosted globe lens. 3/4" diameter pole is constructed of anodized aluminum. 2 mile, 360° visibility. For use on boats up to 12 meters. Uses #10 fasteners. Base dimensions: 4" long x 1-5/8" wide x 1-3/8" diameter. Includes: Zamak base and (1) #1004 12 volt bulb.

235223 (7100A7)	Length 24"	**$39.95 H**
235475 (7100B7)	Length 30"	**$43.95 H 3K**
235487 (7100C7)	Length 36"	**$49.95 H 3K**
235259 (911339-7)	Spare Zamak Base	**$21.95 H 3K**
235805 (91017B7)	Spare Globe	**$5.95 H 6K**
219534 (1004)	Spare Bulbs	**$0.95 H**

attwood

Attwood

Telescoping Pole All-Round Light

Features: A die cast zamak base with locking knob that allows pole to be lowered below the deck or removed for storage. 3/4" diameter pole is constructed of anodized aluminum. 2 mile, 360° visibility. For use on boats up to 12 meters. Uses #10 fasteners. Base dimensions: 1" W x 4-1/2" D. Includes: (1) #1004 12 volt bulb.



235209 (7101A7)	Length 24"	**$44.95 H 2K**
235805 (91017B7)	Spare Globe	**$5.95 H 6K**
219534 (1004)	Spare Bulbs	**$0.95 H**

Attwood Fold-Down All-Round Lights

attwood



Attwood

Anti-Glare Lens All-Round Light

Fold-down pole light. 2 mile, 360° visibility. For use on boats up to 12 meters. Cam-lock base installs with two #10 fasteners (not included). Big cam-lock handle is easy to grasp. With vertical and horizontal mounts. Materials are non-corrosive, including bases of glass-filled polymer and poles of sturdy black plastic. Includes: (1) #1004 12 volt bulb.

235326 (5358-12-7)	Length 12"	**$33.95 H**
235806 (912852-7)	Spare Globe	**$3.95 H**
219534 (1004)	Spare Bulbs	**$0.95 H**

attwood

Attwood

Frosted Lens All-Round Lights

Fold-down pole light. 2 mile, 360° visibility. For use on boats up to 12 meters. Cam-lock base installs with two #10 fasteners (not included). Big cam-lock handle is easy to grasp. With vertical and horizontal mounts. Materials are non-corrosive, including bases of glass-filled polymer and poles of highly anodized aluminum. Includes: (1) #1004 12 volt bulb.



235502 (5122-08-7)	Length 8"	Fixed	**$23.95 H 6K**
235474 (5123-12-7)	Length 12"	Folding	**$39.95 H**
235805 (91017B7)	Spare Globe		**$5.95 H 6K**
219534 (1004)	Spare Bulbs		**$0.95 H**

attwood



Attwood Round Base with Stainless Steel Cover

Rugged stamped stainless steel cover. The round footprint is only 2-3/8" diameter. When closed, profile is only 3/8" high. Insert-molded inner cap seals water out of the socket when cover is closed. Inner socket contains a large drain hole to prevent clogging and contact failure.

235172 (91024-7) Black - 2 Pin Contact **$19.95 H**

T-H Marine



T-H Marine Light Clips

Secure and stow navigation lights. Fits all standard 7/8" navigation. Black.

237203 (ULC-1) **$2.95 H 6K**

Perko White All-Round Lights

For Use on Sail or Power Driven Vessels Under 20 Meters in Length.



Perko Fig. 362 White All-Round Lights
Cast bronze. Frosted globe. Double contact socket. Base is tapped for 1/2" pipe. 2 mile visibility. Height 1-1/2". 12 volt bulb included. Sold each per display pack. Standard pack 5.

537879	(362 DP0 CHR)	Chrome Plated	**$135.95 H**
537881	(362 DP0 PLB)	Plain	**$113.95 H**
536031	(248 DP0 CLR)	Spare Clear Globe	**$13.95 H 5J**
535976	(24 DP1)	Spare Socket	**$7.95 H**



Perko Fig. 371 White All-Round Light
Cast bronze. Frosted globe. Double contact socket. 2 mile visibility. Height 1-1/2". Base OD 2-1/2". Uses #8 fasteners. 12 volt bulb included. Sold each per display pack. Standard pack 5.

537932	(371 DP0 PLB)		**$102.95 H**
536031	(248 DP0 CLR)	Spare Clear Globe	**$13.95 H 5J**
535976	(24 DP1)	Spare Socket	**$7.95 H**

Perko Fig. 248 Spare Globes
Fits most small Perko All-Round Lights and other lights with screw-on globes. Dimensions: 2" OD. 1-11/16" ID. Height 2-1/2". Sold each.

536031	(248 DP0 CLR)	Clear	**$13.95 H 5J**
201068	(A1-15-0152-2)	Red	**$15.95 E**



Perko All-Round Lights

For Use on Power Driven Vessels Under 20 Meters in Length.



Perko Fig. 108 All-Round Lights
Black plastic with festoon type electrical socket. Base is tapped for 1/2" pipe or can be removed for surface mounting with #10 fasteners. 2 mile visibility. Overall height 6". Base OD 3-1/8". For 12 or 32 volt systems. **Bulbs not included. *Note:** White light has grey tinted lens. Sold each per display box.

527828	(108 000 BLK)	White*	**$89.95 H**
527830	(108 G00 BLK)	Green	**$89.95 H**
527842	(108 R00 BLK)	Red	**$89.95 H**
541638	(70 DP1 CLR)	Bulbs - 12 Volt, 2 Per Pack	**$10.95 H**
541640	(70 DP2 CLR)	Bulbs - 32 Volt, 2 Per Pack	**$12.95 H**

Perko Fig. 106 Spare Globes
Spare globes for Perko Figs. 108, 112 and 309 All-Round Lights. Sold each.

529000	(106 000 WHT)	White Lens	**$65.95 H**
529012	(106 000 GRN)	Green Lens	**$65.95 H**
529024	(106 000 YLW)	Yellow Lens	**$65.95 H**
529036	(106 000 RED)	Red Lens	**$65.95 H**



Perko Figs. 112 and 309 All-Round Lights
Cast bronze. Medium screw base type electrical socket. 2 mile visibility. Sold each per display box.

Fig. 112 All-Round Light. Overall height 8-3/4". Base OD 3-1/8". Uses #8 fasteners. Requires 15W frosted medium screw bulb. **Bulb not included.**

527854	(112 B00 PLB)	**$217.95 H**

Fig. 309 All-Round Light. Base is tapped for 1/2" pipe. Overall height 6-1/2". Require frosted medium screw bulb. **Bulbs not included.**

527880	(309 B00 PLB)	White Require 15W Bulb	**$162.95 H**
527892	(309 RB0 PLB)	Red Require 25W Bulb	**$162.95 H**
527905	(309 GB0 PLB)	Green Require 25W Bulb	**$162.95 H**

Spare medium screw base socket. Sold each.

529620	(226)		**$12.95 H**

Perko All-Round Lights

For Use on Sail or Power Driven Vessels Under 20 Meters in Length.

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Perko Fig. 120 All-Round Light
Black plastic top with white translucent globe. Black plastic base. Fixed mount. 2 miles visibility. Vertical height 3-7/8". Base 1" x 2-5/8". Uses #8 fasteners. 12 volt bulb included. Sold each per display pack. Standard pack 5.

533274 (120 SWB DP1) **$24.95 H 5J**
535611 (201 DP WHT) Spare Globe **$12.95 J**

For Use on Sail or Power Driven Vessels Under 20 Meters in Length.

PERKO®


533270


533271


533269

Perko Fig. 170 Navigation Lights
Black plastic with soft black vinyl mounting gasket. Overall height 3-5/8". Width 4-1/8". Overall projection 4-3/4". Uses #10 fasteners. 12 volt bulb included. Sold each per display pack. Standard pack 5.

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
533270	170 BSD DP1	Green Side	112-1/2°	2	**$31.95 H 5J**
533271	170 BP0 DP1	Red Side	112-1/2°	2	**$31.95 H 5J**
533269	170 BM0 DP1	White Masthead	225°	2	**$31.95 H 5J**
533272	170 BSN DP1	White Stern	135°	3	**$31.95 H 5J**

Spare 12 volt bulb for: **533272** (170 BSN DP1).
541530 (69 DP CLR) 2 Per Pack **$15.95 H 10J**

Spare 12 volt bulb for: **533270** (170 BSD DP1), **533271** (170 BP0 DP1) and **533269** (170 BM0 DP1).
541638 (70 DP1 CLR) 2 Per Pack **$10.95 H**

PERKO®


535651


535646


535840

Perko Fig. 200 Navigation Lights
Black plastic. Base mount with #10 fasteners or use **535840** (222 DP BLK) pipe mounting bracket. Overall height 4-7/8". Base OD 3-5/16". Lens height 2-3/4". Use Perko Fig. 375 12 volt bulb of proper wattage. 12 volt bulb included. Sold each per display pack. Standard pack 5.

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
535640	200 SDB DP1	Green Side	112-1/2°	2	**$121.95 H 5J**
535641	200 PB0 DP1	Red Side	112-1/2°	2	**$121.95 H 5J**
535645	200 MB0 DP1	White Masthead	225°	3	**$121.95 H 5J**
535646	200 SNB DP1	White Stern	135°	2	**$121.95 H 5J**
535651	200 SRB DP1	Red All-Round	360°	2	**$121.95 H 5J**
535652	200 SWB DP1	White All-Round	360°	2	**$121.95 H 5J**

Spare 12 volt bulb for: **535646** (200 SNB DP1) & **535652** (200 SWB DP1).
528503 (375 12V 10W) 10 watts **$38.95 H**

Spare 12 volt bulb for: **535640** (200 SDB DP1), **535641** (200 PB0 DP1), **535645** (200 MB0 DP1) and **535651** (200 SRB DP1).
528515 (375 12V 25W) 25 watts **$38.95 H**

Perko Fig. 222 Pipe Mounting Bracket
Black plastic. For use on all 200 series base mount lights in order to mount on 1/2" pipe. Complete with screws and soft black mounting gasket for mounting bracket to light. Overall OD 3-5/16". Sold each.

535840 (222 DP BLK) **$13.95 H**

Perko Navigation Lights

For Use on Sail or Power Driven Vessels Under 20 Meters in Length.

PERKO®



527715



527690

Perko Figs. 109, 110 and 111 Navigation Lights

Black plastic. Overall height 5-1/4". Lens height 4-1/4". Uses #10 fasteners. For 12 or 32 volt bulbs. **Bulbs not included.** Sold each per display box.

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
527690	109 R00 BLK	Red Side	112-1/2°	2	**$98.95 H**
527703	109 G00 BLK	Green Side	112-1/2°	2	**$98.95 H**
527715	110 000 BLK	White Masthead	225°	3	**$98.95 H**
527727	111 000 BLK	White Stern	135°	2	**$98.95 H**
527739	111 M00 BLK	Yellow Towing	135°	2	**$98.95 H**

Perko Spare Bulbs

541638 (70 DP1 CLR) 12 Volt, 2 Per Pack **$10.95 H**
541640 (70 DP2 CLR) 32 Volt, 2 Per Pack **$12.95 H**

Aqua Signal Navigation Lights

Aqua Signal Series 25 Navigation Lights

Black plastic. Fresnel globe. Classical look navigation lights with stainless steel components. For use on sail or power driven vessels under 12 meters. 12 volt.

2 mile visibility. Overall height 2.95". Base OD 2.4". Lens height 1.9".
207168 (25000-7) White All-Round **$23.95 G**

1 mile visibility. Overall height 2.95". Lens height 1.9".
207182 (25200-7) Starboard - Green Lens **$26.95 G**
207188 (25300-7) Port - Red Lens **$26.95 G**

2 mile visibility. Overall height 2.95". Lens height 1.9".
207206 (25500-7) White Stern **$26.95 G**

2 mile visibility. Overall height 5.45". Lens height 1.9".
207200 (25404-7) Combo Masthead/Foredeck **$80.95 G**

aqua signal



207200

aqua signal



Aqua Signal Series 41 Navigation Lights

Black plastic. Fresnel globe. Navigation lights for bulkhead mounting. For use on sail or power driven vessels under 20 meters. 12 volt.

2 mile visibility. Overall height 4.1". Lens height 2.6".
207261 (41200-7) Starboard - Green Lens **$65.95 G**
207267 (41300-7) Port - Red Lens **$65.95 G**

Perko Navigation Lights

For Use on Vessels 20 Meters to 50 Meters in Length.



525901



525937

PERKO®



525963



525999

CLASSIFIED UL MARINE

*White lights have grey tinted lens.

Perko Figs. 1127, 1128, 1129 and 1130 Navigation Lights

Black plastic. Complete with pre-wired double contact socket and 3' of 16/3-SO cable. Watertight access cap for rebulbing and cleaning. UL Standard 1104, 72 COLREGS and US inland rules. Overall height 7-1/2". Lens height 4-1/2". Uses 1/4 fasteners. Use Perko Fig. 374 bulbs. **Bulbs not included**. Sold each.

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
525901	1127 GA0 BLK	Green Side	112-1/2°	2	**$190.95 H**
525913	1127 RA0 BLK	Red Side	112-1/2°	2	**$190.95 H**
525937	1128 A00 BLK	White Masthead	225°	5	**$190.95 H**
525951	1129 A00 BLK	White Stern*	135°	2	**$190.95 H**
525963	1129 MA0 BLK	Yellow Towing	135°	2	**$190.95 H**
525987	1130 A00 BLK	White All-Round*	360°	2	**$190.95 H**
525999	1130 GA0 BLK	Green All-Round	360°	2	**$190.95 H**
526105	1130 RA0 BLK	Red All-Round	360°	2	**$190.95 H**

Perko Spare Lens and Accessories

535419 (249 000 RED)	Spare Red Lens	**$110.95 E**
535421 (249 000 GRN)	Spare Green Lens	**$110.95 E**
535433 (249 000 GRY)	Spare Gray Lens	**$110.95 E**
529466 (134)	Spare Double Contact Socket	**$27.95 E**
529860 (1105 000 BLK)	Spare Access Cap with Chain	**$36.95 H**
529872 (1119)	Spare O-Ring for Cap (1105)	**$5.95 D**

Perko Fig. 374 Double Contact Bayonet Bulbs

Type T-8, C-8, filament, 30 watts, clear bulbs. For the navigation lights listed above. Length C/L 1-3/8". Sold each.

528387 (374 001 CLR) 12 volts	**$41.95 H**
528399 (374 002 CLR) 24 volts	**$41.95 H**
528402 (374 003 CLR) 32 volts	**$41.95 H**
528414 (374 004 CLR) 120 volts	**$48.95 H**

McDermott L.E.D. Certified Tugboat Navigation Lights

Tired of constantly replacing lamps!
Eliminate Labor and Cost of Old Type Incandescent Lamps.
Certified to COLREGS as per UL1604.


454669


454671


454683


454687

McDermott L.E.D. Certified Tugboat Navigation Lights

For use on vessels from 20 to 50 meters in length. Certified to 72 COLREGS for inland/international. Meets UL1604 requirements for a range of 2 miles. Visibility 2 miles. 1 year warranty. 2 year guarantee.

454669 (TB2-STAR)		**$285.00 B**
454671 (TB2-PORT)		**$285.00 B**
454683 (TB2-STERN)		**$285.00 B**
454687 (TB2-266-TOW)	Amber - 120 VAC	**$285.00 B**

McDermott L.E.D. Certified Tugboat All-Around 360° Lights

Tired of constantly replacing lamps!
Eliminate Labor and Cost of Old Type Incandescent Lamps. NEW L.E.D. Certified Tugboat Navigational Lights. Certified to COLREGS as per UL1604.


454691


454695


454697

McDermott L.E.D. Certified Tugboat All-Around 360° Lights

For use on vessels from 20 to 50 meters in length. Certified to 72 COLREGS for inland/international. Meets UL1604 requirements for a range of 2 miles. Visibility 2 miles. 1 year warranty. 2 year guarantee.

454691 (TB2-GREEN)		**$285.00 B**
454695 (TB2-RED)		**$275.00 B**
454697 (TB2-WHITE)		**$275.00 B**

McDermott Masthead Lights

NEW ITEM



McDermott Masthead Lights

Single head. For use on vessels from 20 to 50 meters in length. Lamp life up to 30,000 hours. Vibration proof. Weight 5 lbs. Height 10".

454699 (TB5-MAST-GL35)	**$389.00 B**

Perko Navigation Lights

For Use on Vessels Over 20 Meters in Length.

PERKO®



523452 523440 523490

Note: UL Standard 1104, 72 COLREGS and US inland rules.

*White lights have grey tinted lens.

MARINE UL

See Page 182 for Bulb Selection

Perko Figs. 1369, 1370, 1372, 1373 and 1374 Single Lens Navigation Lights

Lightweight but durable fiber-filled polycarbonate black plastic. Pre-wired medium prefocus socket. Includes: (1) 3' length of 16/3-SO cable through watertight terminal tube. Watertight access cap for rebulbing and cleaning. Overall height 9-1/4". Lens height 6-3/4". Uses 3/8 mounting bolt. 24, 120 and 220 volt options. Use Perko Fig. 342 Medium Prefous Bulbs. **Bulbs not included.** Rough service bulbs are available. Sold each.

PERKO®



523351 523399

Note: UL Standard 1104, 72 COLREGS and US inland rules.

*White lights have grey tinted lens.

MARINE UL

See Page 182 for Bulb Selection

Perko Figs. 1364, 1365, 1366, 1367 and 1368 Double Lens Navigation Lights

Lightweight but durable fiber-filled polycarbonate black plastic. Pre-wired medium prefocus socket. Includes: (2) 3' lengths of 16/3-SO cable through watertight terminal tubes. Watertight access cap for rebulbing and cleaning. Overall height 17-1/4". Lens height 6-3/4". Uses 3/8" mounting bolt. 24, 120 and 220 volt options. Use Perko Fig. 342 Medium Prefocus Bulbs. **Bulbs not included.** Rough service bulbs are available. Sold each.

Black Plastic

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
523438	1372 GE0 BLK	Green Side	112-1/2°	3	**$337.95 G**
523440	1372 RE0 BLK	Red Side	112-1/2°	3	**$337.95 G**
523452	1373 E00 BLK	White Masthead	225°	6	**$337.95 G**
523464	1374 E00 BLK	White Stern*	135°	3	**$337.95 G**
523476	1374 ME0 BLK	Yellow Towing	135°	3	**$337.95 G**
523488	1369 E00 BLK	White All-Round*	360°	3	**$323.95 G**
523490	1370 RE0 BLK	Red All-Round	360°	3	**$323.95 G**

Black Plastic

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
523351	1364 GE0 BLK	Green Side	112-1/2°	3	**$451.95 G**
523363	1364 RE0 BLK	Red Side	112-1/2°	3	**$451.95 G**
523375	1365 E00 BLK	White Masthead	225°	6	**$451.95 G**
523387	1366 E00 BLK	White Stern*	135°	3	**$451.95 G**
523399	1366 ME0 BLK	Yellow Towing	135°	3	**$451.95 G**
523402	1367 E00 BLK	White All-Round*	360°	3	**$433.95 G**
523414	1368 GE0 BLK	Green All-Round	360°	3	**$433.95 G**
523426	1368 RE0 BLK	Red All-Round	360°	3	**$433.95 G**

Important Bulb Data:

To comply with the UL Standard 1104, the lights listed on this page must be used with the following Perko Catalog Numbers: 24 volt use - **528289** (342 024 CLR) bulb, 120 volt use **528286** (342 004 CLR) bulb or **528298** (342 RS4 CLR) bulb when a "Rough Service" bulb is required and 220 volt use **528292** (342 220 CLR) bulb.

Perko Navigation Lights

For Use on Vessels Over 20 Meters in Length.

PERKO®



523806



523818

*White lights have grey tinted lens.

See Page 182 for Bulb Selection

Note: UL Standard 1104, 72 COLREGS and US inland rules.

MARINE UL

Perko Figs. 1169, 1170, 1172, 1173 and 1174 Single Lens Navigation Lights

Heavy duty cast bronze. Pre-wired medium prefocus socket. Includes: (1) 3' length of 16/3-SO cable through a watertight terminal tube. Watertight access cap for rebulbing and cleaning. Overall height 9-1/4". Lens height 6-3/4". Uses 3/8 mounting bolt. 120 volt only. **Bulbs not included.** Use Perko Fig. 342 Medium Prefocus Bulbs. Rough service bulbs are available. Sold each.

PERKO®



Note: UL Standard 1104, 72 COLREGS and US inland rules.

MARINE UL

*White lights have grey tinted lens.

See Page 182 for Bulb Selection

Perko Figs. 1164, 1165, 1166, 1167 and 1168 Double Lens Navigation Lights

Heavy duty cast bronze. Pre-wired medium prefocus socket. Includes: (2) 3' length of 16/3-SO cable through a watertight terminal tubes. Watertight access cap for rebulbing and cleaning. Overall height 17-1/4". Lens height 6-3/4". Uses 3/8 mounting bolt. 120 volt only. **Bulbs not included.** Use Perko Fig. 342 Medium Prefocus Bulbs. Rough service bulbs are available. Sold each.

Cast Bronze

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
523806	1172 GE0 PLB	Green Side	112-1/2°	3	**$549.95 G**
523818	1172 RE0 PLB	Red Side	112-1/2°	3	**$549.95 G**
523832	1173 E00 PLB	White Masthead	225°	6	**$549.95 G**
523856	1174 E00 PLB	White Stern*	135°	3	**$549.95 G**
523868	1174 ME0 PLB	Yellow Towing	135°	3	**$549.95 G**
523882	1169 E00 PLB	White All-Round*	360°	3	**$527.95 G**
523919	1170 RE0 PLB	Red All-Round	360°	3	**$527.95 G**

Cast Bronze

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
523503	1164 GE0 PLB	Green Side	112-1/2°	3	**$842.95 G**
523515	1164 RE0 PLB	Red Side	112-1/2°	3	**$842.95 G**
523541	1165 E00 PLB	White Masthead	225°	6	**$842.95 G**
523565	1166 E00 PLB	White Stern*	135°	3	**$842.95 G**
523577	1166 ME0 PLB	Yellow Towing	135°	3	**$842.95 G**
523591	1167 E00 PLB	White All-Round*	360°	3	**$829.95 G**
523630	1168 RE0 PLB	Red All-Round	360°	3	**$829.95 G**
523628	1168 GE0 PLB	Green All-Round	360°	3	**$829.95 G**

Important Bulb Data:

To comply with the UL Standard 1104, the lights listed on this page must be used with the following Perko Catalog Numbers: 120 volt use **528286** (342 004 CLR) bulb or **528298** (342 RS4 CLR) bulb when a "Rough Service" bulb is required.

Perko Spare Lens and Accessories

528807 (261 001 CLR)	Spare White Lens	**$135.95 E**
528818 (261 001 GRN)	Spare Green Lens	**$135.95 E**
528820 (261 001 YLW)	Spare Yellow Lens	**$135.95 E**
528832 (261 001 RED)	Spare Red Lens	**$135.95 E**
529808 (1133)	Spare Lens Retaining Clip	**$20.95 E**

Perko Spare Accessories

529810 (1143)	Spare Lens Gasket	**$9.95 E**
529860 (1105 000 BLK)	Spare Access Cap, O-Ring & Retainer	**$36.95 H**
529872 (1119)	Spare O-Ring for Cap (1105)	**$5.95 D**
529404 (347)	Spare Medium Prefocus Socket	**$52.95 E**
529428 (303)	Spare Dual Medium Prefocus Socket	**$198.95 E**

Perko Navigation Lights

For Use on Vessels 20 Meters to 50 Meters in Length.

PERKO®


524682


524668

Perko Figs. 1150, 1151 and 1152 Navigation Lights

Sheet metal, preprimed galvanized steel. Medium prefocus socket. Watertight terminal tube for 16/3-SO cable. Watertight access cap for rebulbing and cleaning. UL Standard 1104, 72 COLREGS and US inland rules. Overall height 11-1/2". Lens height 6-3/4". Uses 1/4" fasteners. 120 volt only. **Bulbs not included.** Use Perko Fig. 342 Medium Prefocus Bulbs. Sold each.

Preprimed Galvanized Steel

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
524656	1150 GE1 GAL	Green Side	112-1/2°	2	**$437.95 G**
524668	1150 RE1 GAL	Red Side	112-1/2°	2	**$477.95 G**
524682	1151 E01 GAL	White Masthead	225°	5	**$477.95 G**
524707	1152 E01 GAL	White Stern	135°	2	**$477.95 G**
524719	1152 ME1 GAL	Yellow Towing	135°	2	**$477.95 G**

For Use on Vessels Over 20 Meters in Length.

Perko Figs. 1150 Navigation Lights

Sheet metal, preprimed galvanized steel. Medium prefocus socket. Watertight terminal tube for 16/3-SO cable. Watertight access cap for rebulbing and cleaning. UL Standard 1104, 72 COLREGS and US inland rules. Overall height 13-1/2". Lens height 7-1/2". Uses 1/4" fasteners. 120 volt only. **Bulbs not included.** Use Perko Fig. 342 Medium Prefocus Bulbs. Sold each.

Preprimed Galvanized Steel

DMI #	MFG #	Description	Visibility Arc	Visibility Miles	Price
524353	1150 GE2 GAL	Green Side	112-1/2°	3	**$604.95 G**
524366	1150 RE2 GAL	Red Side	112-1/2°	3	**$604.95 G**

Perko Spare Lens and Accessories

528807 (261 001 CLR) Spare White Lens for 1153 Series **$135.95 E**
528818 (261 001 GRN) Spare Green Lens for 1154 Series **$135.95 E**
528820 (261 001 YLW) Spare Yellow Lens for 1154 Series **$135.95 E**
528832 (261 001 RED) Spare Red Lens for 1154 Series **$135.95 E**
529860 (1105 000 BLK) Spare Plastic Cap, O-ring & Retainer **$36.95 H**
529872 (1119) Spare O-ring for Cap (1105) **$5.95 D**
529404 (347) Spare Medium Prefocus Socket **$52.95 E**
529707 (341 01A PLB) Spare Socket Supports **$30.95 A**

Perko Fig. 342 Medium Prefocus Bulbs

Clear. 120 volt bulbs for 1150 Series. Sold each, boxed. Standard pack 25.

528250 (342 001) 15 Watts **$29.95 E**
528262 (342 002) 25 Watts for **524656** and **524668** **$29.95 E**
528274 (342 003) 40 Watts for **524682** **$29.95 E**
528286 (342 004) 60 Watts for **524353** and **524366** **$29.95 E**
528289 (342 024) 55 Watts 24 Volts **$38.95 E**
528298 (342 RS4) 60 Watts Rough Service **$44.95 E**
528292 (342 220) 65 Watts 220 Volts **$42.95 E**

Perko Special Purpose Lights

For Use on Vessels 20 Meters to 50 Meters in Length.

Perko Fig. 309 All-Round Lights

Plain cast bronze anchor or signal light. Base is tapped for 1/2" pipe. 2 mile visibility. Overall height 6-1/2". Complete with double contact electrical socket. **Bulbs not included**. Sold each per display box.

524822 (309 A00 PLB) White		**$173.95 H**
524834 (309 RA0 PLB) Red		**$173.95 H**
528387 (374 001 CLR) Bulbs - 12 volt		**$41.95 H**
528399 (374 002 CLR) Bulbs - 24 volt		**$41.95 H**
528402 (374 003 CLR) Bulbs - 32 volt		**$41.95 H**
528414 (374 004 CLR) Bulbs - 120 volt		**$48.95 H**

PERKO®



For Use on Vessels of Any Length.

PERKO®



Perko Fig. 1111 Flashing Yellow Light

Sheet metal, preprimed galvanized steel. Medium prefocus socket. Watertight terminal tube for 16/3-SO cable. Sealed flasher unit. Watertight access cap for rebulbing and cleaning. 2 mile visibility. Overall height 11-1/2". Lens height 6-3/4". Visibility arc 225°. Flashes per minute: 50 - 70. 120 volt only. **Bulb not included.** To comply with Federal Requirements this light must use: **528286** (342 004 CLR) bulb or **528298** (342 RS4 CLR) bulb when a "Rough Service" bulb is required. Sold each per display box.

Designed to meet Federal Requirements for Flashing Yellow 180° - 225° light for barges, canal boats, etc., that are being pushed ahead or towed along side of a tug boat. Refer to U.S. Inland Navigation Rules for details.

524771 (1111 ME1 GAL)		**$631.95 H**
529909 (133)	Spare Flasher Unit	**$175.95 E**

PERKO®



Perko Fig. 1129 Panama Canal Blue Steering Light

Black plastic. Pre-wired double contact socket with 3' of 16/3-SJO cable. Overall height 7-1/2". Lens height 4-1/4". Visibility arc 135°. 12, 24, 32 or 120 volt options. **Bulb not included.** To comply with Panama Canal Requirements this light must use a Perko Fig. 374 bulb. Sold each per display box.

525975 (1129 BA0 BLK)		**$316.95 H**
529466 (134)	Spare Double Contact Socket	**$27.95 E**
529860 (1105 000 BLK)	Spare Plastic Cap, O-ring & Retainer	**$36.95 H**
529872 (1119)	Spare O-Ring for Cap (1105)	**$5.95 D**

Pyramid Technologies Marker Lights



Pyramid Tech
Products for Harsh Environments

Pyramid Technologies Strobe/Anchor Light

Get two lights in one: An emergency masthead 500,000 candlepower strobe and a steady 360° white anchor light visible for 2 miles. Compact and lightweight. 12 volt electronic circuit is self-contained in a waterproof case. Height 5-3/4". Diameter 4-1/2". Includes: (1) #1004 12 volt bulb. Sold each per display box.

378782 (314A)	**$197.95 H**
219534 (1004) Spare Bulbs	**$0.95 H**

Pyramid Tech
Products for Harsh Environments

Pyramid Technologies Marker and Dredge Light - Clear Lens

Flashes 60 times per minute. Solid state electronic circuitry turns light on at dusk and off at dawn. Visibility is 1 mile. Operates up to 100 nights on a 6 volt alkaline lantern battery. (Based on 8 hour nights at 72 degrees Fahrenheit). Height 9-1/2". Diameter 4-3/4". Sold each per display box.

378883 (561-60-14)	**$128.95 H**



McDermott Marker Lights



McDermott Marker Lights

The McDermott BZLED Series Marker Lights are typically used as obstruction, loading, bridge and marker lights. They are UL listed 8N10, Class 1. Division 2. Group D for use in hazardous locations. Typical lamp life is 5 years. Uses one 6 volt spring type battery. Minimum visiblity 1 mile.

453896 (BZLED6L6V04)	Blue Light	No Magnetic	**$119.00 A**
453897 (BZLED6L6V04)	Blue Light	Magnetic	**$139.00 A**
453898 (BZLED6L6V04)	Red Light	Magnetic	**$139.00 A**
453899 (BZLED6L6V04)	White Light	Magnetic	**$139.00 A**
453900 (BZBRACKET)	Bracket for **453896**		**$12.65 A**
453901 (BZBRACKETBOL)	Bolt for **453900** Bracket		**$2.50 A**

McDermott Barge L.E.D. Navigation Lights



McDermott Barge L.E.D. Navigation Lights

Operates 6 nights on standard dry batteries. Operates 2 weeks on Alkaline spring batteries. Built-in screen. Piano hinged case. Rugged all Lexan case. Shuts off in daylight. Extended Lexan carry handle. Uses rechargeable or dry batteries. Lamp life: 3 - 6 years. All lights certified by USCG Approved laboratory. Meets all USCG Regulations for Navigation Lights. Light kit includes: (1) port, (1) starboard, (1) amber and (3) separate chargers.

453892 (BGLED888-KIT-FL-SEPCHG-PEEP)	Barge Light Kit with Peep Light Lead	**$1,449.00 B**
453893 (BGLED888-KIT)	Peep Barge Light Kit - No Battery	**$1,079.00 B**
453857 (BGLED888-PORT-MAG-PE)	Port	**$383.00 B**
453859 (BGLED888-PORT-MAG-PE)	Port - No Battery - Explosion Proof	**$346.00 B**
453869 (BGLED888-STAR-MAG-PE)	Starboard	**$383.00 B**
453861 (BGLED888-STAR-MAG-PE)	Starboard - No Battery - Explosion Proof	**$346.00 B**
453871 (BGLED888-STERN-MAG-PE)	Stern	**$413.00 B**
453863 (BGLED888-STERN-MAG-PE)	Stern - No Battery - Explosion Proof	**$376.00 B**
453908 (BGLED888-FL-MAG-PEEP)	Barge Light - No Battery - Explosion Proof	**$370.50 B**
453864 (BGLED888-FL-MAG-PEEP)	Barge Light - No Battery - Explosion Proof	**$346.00 B**
453922 (BGLED888-STAR-MAG-PE)	Starboard - No Battery - Explosion Proof	**$370.50 B**
453934 (BGLED888-PORT-MAG-PE)	Port - No Battery - Explosion Proof	**$370.50 B**
453888 (BGLED888-FL-MAG-PEEP)	Barge Light - Amber with Peep Light Lead - Batteries Included	**$433.00 B**
453865 (BGLED888-KIT-STERN)	Stern Kit - No Battery - Explosion Proof	**$790.00 B**
453895 (BGLED888-KIT-FL-NOBATTEX)	Barge Light Kit - UL Intrinsically Safe	**$1.065.00 B**
453782 (BP650L)	Rechargeable Battery for 888 Series Barge Light	**$33.28 B**
453845 (BGACHG121888)	Separate Charger	**$109.00 B**
453785 (BGCHGBOX888HYDL)	Battery Box for 888 Light	**$39.00 B**
453870 (BGLECONPLATE)	Battery Plate for 888 Light	**$24.74 B**

McDermott Upgrade Heads Only



McDermott Upgrade Heads Only

Lens, LEDs and O-Rings. Low voltage battery indicator. Virtually unbreakable Lexan lens. Built-in screens. Range: 3 miles. Lamp life: 3 - 5 years.

454050 (BGLED-HEAD-FL)	Amber	**$239.00 B**
454053 (BGLED-HEAD-STAR)	Starboard	**$239.00 B**
454055 (BGLED-HEAD-PORT)	Port	**$239.00 B**
454057 (BGLED-HEAD-STERN)	Stern	**$269.00 B**

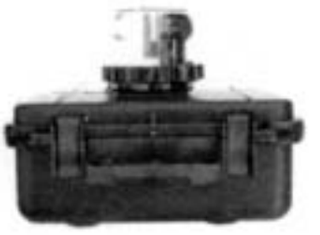
McDermott Barge Lights



McDermott Barge Solar L.E.D. Navigation Lights

Self-contained solar powered. No more recharging navigation lights. Magnetic mount. High impact case. Unbreakable lens. Built-in carry handle. Lamp life: 4 years (steady). Meets all USCG Regulations for 3 mile lights. Light kit includes: (1) port, (1) starboard and (1) amber.

453769	(BGLED-SOL-KIT-FL-MAG-5W)	Light Kit	**$2,040.00 B**
453759	(BGLED-SOL-STERN-MAG-PE)	Stern	**$650.00 B**
453762	(BGLED-SOL-FL-MAG-PE)	Amber	**$650.00 B**
453765	(BGLED-SOL-STAR-MAG-PE)	Starboard	**$650.00 B**
453763	(BGLED-SOL-PORT-MAG-PE)	Port	**$650.00 B**



McDermott Barge L.E.D. Navigation Lights

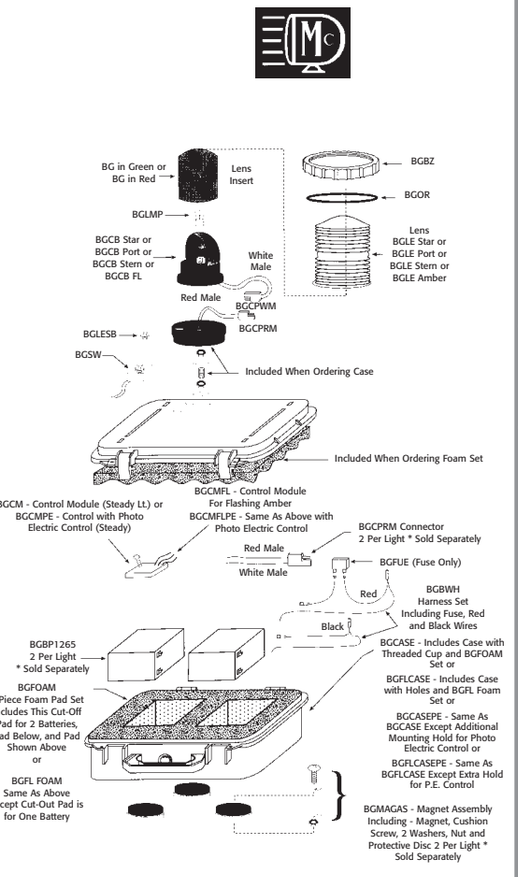
Magnetic mount. High impact case. Unbreakable lens. Built-in carry handle. Operates 10 nights on rechargeable battery. All lights certified by USCG Approved laboratory. Meets all USCG Regulations for 3 mile lights. Light kit includes: (1) port, (1) starboard, (1) amber and a multicharger.

453720	(BGLED-CASE-KIT-FL)	Light Kit	**$1,999.00 B**
453732	(BGLED-CASE-FL-MAG-PE)	Amber	**$529.00 B**
453736	(BGLED-CASE-STERN-MAG-PE)	Stern	**$589.00 B**
453756	(BGLED-CASE-STAR-MAG-PE)	Starboard	**$549.00 B**
453744	(BGLED-CASE-PORT-MAG-PE)	Port	**$549.00 B**
454126	(BGLT-CHG-3)	Multicharger	**$370.77 B**

McDermott Replacement Parts

McDermott Replacement Parts

454138	(BGCH3-4)	Transformer for Triple Charger	**$40.46 B**
454152	(BGBP1265)	Rechargable Battery for Navigation Lights	**$44.60 B**
454506	(BGBZ)	Black Bezel Ring for Holding Lens on Light	**$10.46 A**
454380	(BGCBFL)	Complete Lamp Assembly - Lamp and Socket	**$43.26 A**
454314	(BGCH3-5-S)	Charger Module for Charger Station	**$54.42 A**
454315	(BGCMPEEP)	Control Module for Flashing w/Peep Light Extension	**$64.48 A**
454317	(BGCMPE)	Control Module Red/Green/Clear w/Photoelectric Control	**$49.09 A**
454330	(BGCMFLPE)	Control Module f/Flashing Amber Only w/Photoelectric Control	**$52.89 A**
454405	(BGINGREEN)	Green Insert Filter for Starboard Lights	**$19.35 A**
454417	(BGINRED)	Red Insert Filter for Port Lights	**$19.35 A**
454429	(BGCBSTAR)	Complete Lamp Assembly for Starboard Lights	**$54.42 A**
454431	(BGCBPORT)	Complete Lamp Assembly for Port Lights	**$54.42 A**
454443	(BGLEAMBER)	Amber Lens with Internal Screen	**$43.93 A**
454458	(BGLENSBASE)	Black Base for Mounting Lens on Barge Light	**$21.00 A**
454467	(BGLEPORT)	Clear Lens w/Internal Screen for Port Light	**$48.15 A**
454479	(BGLESTAR)	Clear Lens w/Internal Screen for Starboard Light	**$48.15 A**
454491	(BGLESTERN)	Clear Lens w/Internal Screen for Stern Light	**$48.15 A**
454518	(BGOR)	Rubber O-Ring Used Around Lens	**$4.97 A**
454520	(BGCASEORING)	Large O-Ring for Black Barge Light Case	**$11.50 A**
454530	(BGPE)	Metal Cased Photocell Element	**$12.70 A**
454532	(BGPEHOUSING)	Photocell Dome	**$7.40 A**
454535	(BGSB)	Boot Switch	**$7.17 A**
454607	(BGMAGAS)	Magnet Assembly	**$17.59 A**
454542	(BGSW)	Toggle Switch for Barge Lights	**$5.70 A**
454556	(BGCASE)	Case Only	**$111.55 A**
454568	(BGCANNON)	Cannon Plug with 10" Cable	**$19.18 A**
454619	(BGCPRM)	6" Wire with Polarized Plug	**$4.25 A**
454631	(BGCPWM)	6" Wire with Rubber Polarized Plug	**$4.25 A**
454643	(BGFUSE)	ATC Fuse Used On All Barge Lights	**$1.81 A**
219460	(89)	Replacement 12 Volt Bulb (.58 amps)	**$1.95 H**



McDermott Platform Lights



McDermott Platform Lights

For use on barges where the 12V DC is provided from an external source, such as a battery pack. This allows for extended periods between recharging. These lights are also used to mark obstruction markers, navigation aids and dock lights. The new series is our most rugged design ever. The high-impact, fade-resistant, polycarbonate lens and watertight locking O-ring collar are designed to withstand years of marine service. Four 3/8" holes in the base allow for easy mounting to any flat surface. Meets all USCG Regulations.

454090	(BGLT-89-FL-PLAT-PE)	Flashing Amber Light	**$206.38 B**
454102	(BGLT-89-PORT-PLAT-PE)	Port Light	**$206.38 B**
454114	(BGLT-89-STAR-PLAT-PE)	Starboard Light	**$206.38 B**
454125	(BGLT-89-STERN-PLAT-PE)	Stern White Light	**$206.38 B**

McDermott Solar Marker Lights

PRICE ON REQUEST



McDermott "Tophat" Series Solar Marker Lights

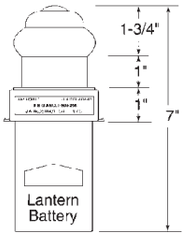
Self-contained solar powered marker lights. Lamp assembly guaranteed for 3 years. Housing: Polycarbonate. Lens: Polycarbonate. Batteries: Rechargeable. Range: 1-1/2 miles. Colors available: Red, Amber, Green, Clear and Blue. *Flashrates available: For Red, Amber, Green and Clear - 10, 15, 24 and 30 FPM. For Red and Amber - 60 FPM. *Depending on your location.

Platform mount (TOPHAT-PLAT). This is a stand alone for flat mounting on docks, etc.

Mounts to any flat surface (TOPHAT-FLAT). Flat mount on restricted space such as on a float buoy.

Replacement tops for old buoy lights (TOPHAT). This unit replaces tops on our standard incandescent dry battery types.

Fits directly into 4" buoy pipes (TOPHAT-BUNY). For mounting directly into a buoy 4" schedule 40 pipe.





McDermott Anchor Lights

Expendable white anchor light designed for use on barges. Unbreakable screw-on lens for easy bulb replacement. Unit straps on top of any 6 volt spring terminal battery (NEDA-908). Runs all night on one battery and can be reused or left behind during fleeting operations. Compact size, several will fit in a coat pocket. 1 mile visibility. Meets all USCG Regulations.

453950	(BGANCLT-503-266-SP) Clear Lens	**$18.38 B**
453955	(BGANCLT-503-266-SP) Red Lens	**$20.16 B**



McDermott Peep Lights

The Peep Light is a small, inexpensive, cylindrical blue light that attaches to the front mast of a barge using a velcro strap. The unit draws its power from a standard marine battery.

454074	(PEEP-LIGHT-25FT-1408-CANNON)	**$80.82 B**
453885	Peep Light for L.E.D. Barge Light	**$124.00 B**

Incandescent Fixtures



Pauluhn Lighting Surface Ceiling Mount Incandescent Fixture

Copper free aluminum alloy. Vapor and waterproof. Lampholder: Phenolic with nickel-plated copper screw shell. Clear glass globe. Length 8-1/2". UL Marine and USCG Approved. 100 watt lamp. Medium screw bulb. **Note:** Bulb not included.

686406 (723A) **$148.95 B**



Pauluhn Lighting Pendant Incandescent Fixture

Copper free aluminum alloy. Vapor and waterproof. Lampholder: Phenolic with nickel-plated copper screw shell. Clear glass globe. Length 8-3/4". 3/4" IPS. UL Marine and USCG Approved. 100 watt lamp. Medium screw bulb. **Note:** Bulb not included.

686470 (767A) **$95.95 B**

Pauluhn Medium Screw Replacement Bakelite Sockets

Four hole model fits current Pauluhn lights. Three hole model fits old Pauluhn and some old Perko lights.

686367 (INX 4000) Four Hole **$14.95 B**
537918 (INX 4001) Three Hole **$14.95 B**

Pauluhn Replacement 6" Guards

686230 (INX 1036A) Aluminum **$36.95 B**
686242 (INX 1036B) Brass **$51.95 B**



Pauluhn Lighting Bulkhead Mount Incandescent Fixture

Copper free aluminum alloy. Vapor and waterproof. Lampholder: Phenolic with nickel-plated copper screw shell. Clear glass globe. Length 11". UL Marine and USCG Approved. 60 watt lamp. 6" globe. Medium screw bulb. **Note:** Bulb not included.

686381 (707A) **$157.95 B**

Pauluhn Replacement Globes

686266 (INX 2006C)	6"	Glass	Clear	**$7.95 B**
686278 (INX 2004C)	6"	Plastic	Clear	**$12.95 B**
686329 (INX 2006R)	6"	Glass	Red	**$31.95 B**
686305 (INX 2004R)	6"	Plastic	Red	**$15.95 B**
686331 (INX 2006G)	6"	Glass	Green	**$31.95 B**
686292 (INX 2004G)	6"	Plastic	Green	**$15.95 B**
686343 (INX 2006Y)	6"	Glass	Amber	**$31.95 B**
686280 (INX 2004Y)	6"	Plastic	Amber	**$15.95 B**

Spare 6" Plastic Globes for Deck Light

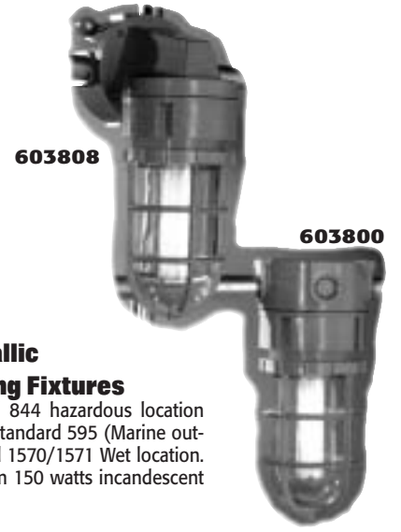
253411 (518) Clear **$12.95 E**
253423 (518) Amber **$15.95 E**



Hubbell Non-Metallic Vaportight Incandescent Fixture

Ceiling mount non-metallic, vaportight, incandescent lights. UV resistant, gray, glass filled thermoplastic polyester box, mounting adapters and globe guards resists abuse and harmful effects of the elements. Excellent temperature operating range of -40° F, -40° C to +150° C for use in areas with wide temperature variations or extreme abient temperatures. High temperature silicone gasketing maintains integrity and molded threads for ease of installation/ removal. Heat resistant glass globe withstands thermal shock. High strength protective globe guard helps prevent accidental globe and lamp breakage. UL listed including Ul1571 and UL 595. Accepts up to 150 watt type A incandescent bulb. **Note:** Bulb not included. Includes: Fixture, mounting box, guard and heat resistant glass globe.

398102 (NVX15GHG) Ceiling Mount **$135.95 F**
398203 (NVB) Wall Mount Bracket **$34.95 F**
398215 (NVG) Replacement Guard **$43.95 F**



Phoenix Non-Metallic Vaporproof Lighting Fixtures

UL listed. Meets standard 844 hazardous location Class I, Division 2. Meets standard 595 (Marine outside type). Meets standard 1570/1571 Wet location. USCG Approved. Maximum 150 watts incandescent bulb. 120/240 volt.

603800 (0011110) Ceiling Mount **$117.95 H 2K**
603808 (0021110) Wall Mount **$150.95 H 2K**

Perko Utility Lights

PERKO®



Perko Fig. 1044 Flush Utility Light

Black molded plastic. Diffusion lens. Snap-on front cover conceals mounting screws. Flush mounting Supplied with 1/4" spade connectors. Installs in a 1-3/4" diameter hole. Complete with 12 volt, 3 watt bulb. Length 2-1/4". Width 2-1/4". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

531600 (1044 DP1 BLK) **$10.95 H 10J**
531602 (1044 DP0 99A) Spare Bulbs, 2 Per Pack **$12.95 H**

PERKO®



Perko Fig. 1254 Adjustable Utility Light

Chrome plated zinc alloy. Shield swivels to change position. Complete with 12 volt, 7 watt bulb. Overall OD 2-5/8". Neck length 3/4". Neck OD 7/8". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

533819 (1254 DP CHR) **$32.95 H**

PERKO®



Perko Fig. 140 Surface Mount Utility Light

Molded white plastic. Diffused light cover. Surface mount. Use for instruments, charts or general illumination. Complete with 12 volt, 1 watt bulb. Length overall 1-7/8". Width 9/16". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

534695 (140 DP NYN) **$9.95 H 10J**

Courtesy Lights

Pyramid Tech
Products for Harsh Environments



Pyramid Technologies MIni LED Lights - Oval

Corrosion-resistant polished stainless steel housing. Illuminate small areas and harsh environment locations. Uses a new advanced lensing technology that increases light output for optimal illumination while using minimal power. Low profile flush-mounted and pre-wired in an attractive, compact design. 12 volt light draws only 10% of the power of conventional incandescent lights. SHOCK-PROOF and waterproof for marine usage. Stainless steel mounting screws included. Long life - up to 100,000 hours.

378884 (3029OSWP) LED Color: White **$21.95 F**
378886 (3029OSRP) LED Color: Red **$18.95 F**
378888 (3029OSBP) LED Color: Blue **$21.95 F**

attwood



Attwood L.E.D. Courtesy Light - L3600 Series

These LED lights exceed the output of comparable halogen lights while using 20% of the power. Lights stay cool to the touch and eliminate the burn hazard that halogen lighting can present. Fully potted electronics and stainless steel housing allow for interior and exterior mounting - even underwater! Rated for 50,000+ hours of life. Diameter 1.5". LED color: White. 12 volt.

235576 (6342-SS7) Stainless Steel **$30.95 H**

attwood



Attwood Courtesy Light

For illuminating companionways, cockpits and other areas where low-level lighting is needed. Convenient courtesy light is easily surface mounted. Transparent polycarbonate lens can be removed for lamp service or replacement. Dimensions: 3-7/16" L x 1-13/16" H x 1-1/16" D. Includes: (1) 12 volt, 3.8 watt bulb. Base is pre-drilled for #8 screws. Gray. Sold each per skin packed card. Standard pack 6.

235564 (6314-3) **$13.95 H 12K**

attwood



Attwood L.E.D. Courtesy Lights

3-diode lights. Match output of 12w bulbs. Use only .55 watts of power. Modern styling. Honeycomb lens. Sculpted bezel. Low profile design. No exposed fasteners. Rugged. Resistant to vibration. Waterproof to 7'.

235246 (6302-SS7) Round Stainless Steel **$30.95 H**
235250 (6306-SS7) Oblong Stainless Steel **$30.95 H**
235566 (6302-7) Round Black/White **$27.95 H**
235568 (6306-7) Oblong Black/White **$26.95 H**

Courtesy Lights



Marpac Courtesy/Livewell Light
Totally waterproof light that can be mounted underwater and many other areas. 12 volt.

7-0083 **$13.95 F 3Q**

NEW ITEM



Marpac L.E.D. Courtesy Light
Single LED diode accent lights provide as much light output as a conventional 12 volt incandescent bulb. Draws at least 10 times less power than incandescents. Completely sealed for use in livewells. Perfect for accent lighting and as a courtesy light for bulkhead, steps and walkways. Requires 7/8" diameter hole for mounting.

7-0078 **$12.95 F**

T-H Marine Courtesy Lights
Features: A molded poly housing that is weather resistant. The face is pleasingly styled and the reflector directs light downward. Uses a standard wedge base automotive type bulb. **Note:** Bulb included. Light requires a 1-3/4" diameter hole for mounting. Face plate is 2-1/4" square.



639837 (CL-1) Black **$7.95 H**
639840 (CL-2) White - L.E.D. **$9.95 H**

Underwater Lights



Pyramid Technologies
L.E.D. SeaBlaze Underwater Light
Size: 1.25" H x 3.9375" Diameter. Brighter than a 55W halogen, yet uses only 1/2 the power. Flexible usages, it will not be damaged by above water use. Simple DIY installation, flush surface mount design requires no large through-hull holes. New HILE technology, high intensity light engine offers 30,000 to 50,000 hour life. Operational voltage: 10 VDC to 28 VDC.

378819 (3084P-16) LED Color: Blue **$320.95 F**



T-H Marine Mini L.E.D. Livewell Light
Bright LED light. Fits 5/8" hole. Waterproof design.

641660 (LWLM-1PLED) **$9.95 H**



Perko Underwater Light
Polished bronze with plain bronze mounting ring. Two bulb options: 25° Beam Bulb and 40° Beam Bulb. 10' of 16/2 electrical cable. Safety seal design prevents water intrusion in the event of glass breakage. 50 watts. 12 volt. Length overall: 6". Flange diameter: 3-3/4". Body diameter: 2".

544470 (0174 DP3 PLB) **$619.95 H**

NEW Color



Briter L.E.D. Underwater Lights
Powerful LED underwater light, low cost high quality marine grade 316 stainless steel. Attracts bait fish and adds ambiance to your boat. Surface mount.

350000 (BL-BL)	Blue Color	3-1/2" Dia. x 5/8" H	**$353.95 E**
350010 (BL-GR)	Green Color	3-1/2" Dia. x 5/8" H	**$353.95 E**
350012 (BL-WH)	White Color	3-1/2" Dia. x 5/8" H	**$325.95 E**
350015 (CY-BL)	Blue Color	4-5/8" Dia. x 1-1/16" H	**$604.95 E**
350020 (CY-GR)	Green Color	4-5/8" Dia. x 1-1/16" H	**$538.95 E**
350022 (CY-WH)	White Color	4-5/8" Dia. x 1-1/16" H	**$538.95 E**



Aqualuma L.E.D. Water Light
Made from impact resistant, corrosion proof, polycarbonate housing with no lens seal to leak. Long life, high output LED light engine that produces very low heat emission while drawing less than .5 amps @ 12 volts or less than .3 amps @ 24 volts. Light includes: 12' of cable and one pack of Aqualuma Sealant. Cut out size: 2-3/8". Dimensions: 4.35" D x 4.33". Flange OD: 3".

538065 (AQLBW3P) Blue L.E.D. Color **$1,036.95 E**

Anderson Interior/Courtesy Light



Anderson Interior/Courtesy Light

12 volt courtesy light used for low-level general illumination. Features: Black housing, rocker switch and aluminum base. Surface mounts on 2-1/8″ centers. Separate lead and ground wires for electrical connection.

223149 (E433S) **$3.95 F**

Optronics Mini License Plate Light



Optronics Mini License Plate Light

Features: Polished, chrome plated housing. Mounting ears for surface mount. Design includes both lead and ground wires for mounting to all surfaces. Replaceable bulb. Dimensions: 2-9/16″ x 1-1/4″.

223874 (LP-31CS) **$3.95 F**

Cabin Lights



Aqua Signal Cabin Light

Black plastic. Adjustable in all directions. Built-in push button switch, 2-pole screw terminal. Diameter 2.8". 12 volt. Ball shaped bulb, socket BA 15d. **Note:** Bulb included.

207051 (15064-7) **$57.95 G**



Perko Fig. 1303 Bulkhead Light Fixture

White molded plastic. Medium screw socket. For systems up to 50 volts. Will accommodate a bulb up to 40 watts. Wall plate dimensions: 4-1/2" x 3-1/4". Shade length 4-1/2". Projection 5″. Uses #8 fasteners. **Note:** Bulb not included. Sold each, boxed.

534230 (1303 002 WHT) **$38.95 H**



Perko Fig. 217 Bulkhead Light Fixture

Chrome plated zinc alloy. Medium screw socket. Turn switch. For systems up to 50 volts. Base dimensions: 2-1/2" x 1-3/4". Projection less bulb 2-5/8". Uses #6 R.H. fasteners. **Note:** Bulb not included. Sold each per display pack. Standard pack 5.

535697 (217 DP CHR) **$23.95 H 5J**

Dome Lights



Marpac Dome Lights
Polished stainless steel housing and trim ring. Solid glass lens. Prewired with an on/off switch. 12 volt, 15 watt bulbs included.

7-0578 Diameter 4" **$22.95 F 3Q**
7-0601 Diameter 5" **$27.95 F 3Q**



Guest Night Vision Dome Light
Molded in tough black polycarbonate with contrasting white translucent lens. Equipped with two bulbs: One red for night vision when running, the other white for use at dockside. Off/red/white toggle switch. 6" diameter x 1-3/4" deep. 12 volt. **Note:** Bulbs included. Sold each per skin packed card. Standard pack 6.

378934 (807-3-2R) **$103.95 H**



Perko Fig. 1258 Surface Mount Dome Light
Chrome plated zinc alloy. White translucent plastic globe. Push switch with water resistant boot. Dimensions 3-3/4". Overall depth 1-1/4". Complete with 12 volt, 10 watt bulb. Uses #8 R.H. fasteners. Sold each per display pack. Standard pack 5.

544367 (1258 DP2 CHR) **$36.95 H**
541626 (70 DP0 CLR) Spare Bulb, 2 Per Pack **$10.95 H**



Perko Fig. 300 Surface Mount Dome Lights
Chrome plated zinc alloy. Black vinyl mounting gasket. Double contact bayonet socket. Push switch with water resistant boot. Sold each per display pack. Standard pack 5.

Globe OD 4". Base OD 5". Overall depth 1-7/8". Uses #10 R.H. fasteners. Complete with 12 volt, 11 watt bulb.

536889 (300 DP1 CHR) **$48.95 H**

Globe OD 5". Base OD 6". Overall depth 2". Uses #12 R.H. fasteners. Complete with 12 volt, 17 watt bulb.

536891 (300 DP2 CHR) **$56.95 H**



Perko Fig. 1253 Exterior Dome Light
Ivory Perko • Kote zinc alloy. Black vinyl mounting gasket. Double contact bayonet socket. Push switch with water resistant boot. Globe OD 5". Base OD 6". Overall depth 2". Uses #12 R.H. fasteners. Complete with 12 volt, 17 watt bulb. Sold each per display pack. Standard pack 5.

533813 (1253 DP2 WHT) **$56.95 H 5J**
219572 (1142) Spare Bulb **$1.95 H**



Perko Fig. 1263 Exterior Surface Mount Dome Light
Ivory Perko • Kote zinc alloy with red and white bulbs. Three position toggle switch. Complete with 12 volt, 11 watt bulb. Globe OD 4". Base OD 5". Depth 1-7/8". Uses #10 R.H. fasteners. Sold each per display pack. Standard pack 5.

544468 (1263 DP1 WHT) **$70.95 H**



Perko Fig. 555 Surface Mount Dome Light
Chrome plated bronze. Twin double contact bayonet sockets. Toggle switch. For systems up to 50 volts. Globe OD 6". Base OD 7-7/8". Depth 3-1/8". Uses #8 fasteners. Will accommodate bulbs up to 20 watts each. **Note:** Bulb not included. Sold each, boxed.

540826 (555 000 CHR) **$324.95 H**
539683 (514 DP) Spare Switch **$27.95 H**

Fluorescent Fixtures



Not UPSable

Phoenix 2' Heavy Duty Fluorescent Fixture

Enclosed gasketed low-profile fluorescent fixture. Housing is aluminum with white powder-coat finish. Stainless steel end caps are gasketed to accept diffuser. Diffuser is made of high-impact acrylic. Accommodates (2) 2' fluorescent lamps. 120 volts. 60Hz. CSA Certified. UL844 Listed. USCG Accepted. UL595 Marine type.

603793 (LFL220) Length 2' **$332.95 E**

Not UPSable



Mobern Fluorescent Fixtures - Vapor & Dust Tite Unit

This high quality enclosed unit features a unique continuous poured gasket which completely fills channel for maximum seal integrity. High impact "DR" lens is standard in this unit. Virtually unbreakable fiberglass housing provides superior corrosion-resistance. Fixture can only be ceiling mounted. Completely wired and ready for installation. Depth 5". UL Listed. **Note:** Lamps not included.

603743 (VT-220)	Length 2'	120 Volt	**$139.00 E**
603755 (VT-240E)	Length 4'	120 Volt	**$139.00 E**
603767 (H92)	Stainless Steel Clips		**$4.85 D**
603779 (L293)	Replacement Lens for 2' Fixture		**$41.00 D**
603785 (L196)	Replacement Lens for 4' Fixture		**$52.00 D**

GUEST



Guest Fluorescent Light

Marine grade construction. White finished aluminum housing. Shatter resistant polycarbonate lens. Built-in on/off rocker switch. Uses standard fluorescent bulb. Installation hardware included. 12 volt. 8 watt. 1 amp. Dimensions: 12.13" L x 5.5" W x 1.69" D.

379001 (80400) **$88.95 H**



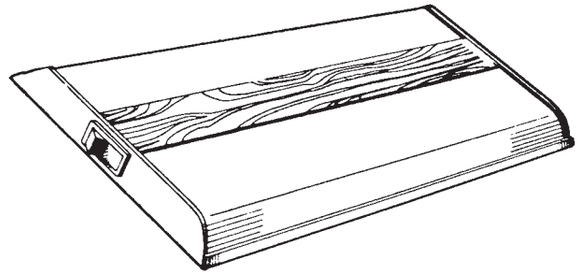
Not UPSable



Phoenix 4' Fluorescent Fixture

Non-metallic glass reinforced polyester housing. Closed cell neoprene gasketing surrounds the housing and repels dirt and moisture. Diffuser is high impact DR acrylic with a smooth exterior and prismatic interior. UL listed meets standard 595 - Marine inside dripproof. Meets standard 1570 - Wet location non-marine (-W suffix). Meets standard 924 CSA certified. USCG Accepted. MIL-167-1 for vibration. 120 volt.

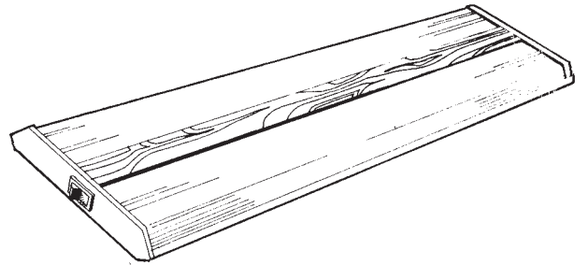
603795 (LFS240N) Length 4' **$338.95 E**



Rectangular Twin Fluorescent Light

Features: All aluminum housing with non-yellowing acrylic lens. A baked, white enamel finish, along with attractive woodgrain trim. Dimensions: 12" x 5-1/2" x 1". 16 watt. **Note:** (2) 12 volt bulbs included.

569066 (M112) **$63.95 H**
378490 Spare Bulb **$7.95 G**



Rectangular Twin Fluorescent Light

Features: All aluminum housing with non-yellowing acrylic lens. A baked, white enamel finish, along with attractive woodgrain trim. Dimensions: 21" x 5" x 1". 26 watt. **Note:** (2) 12 volt bulbs included - equal to 125 watt incandescent.

569080 (M126) **$80.95 H**

PERKO®

Perko Fig. 318 Surface Mount Light

White Perko • Kote cast zinc alloy base with integral junction box. White translucent plastic cover. Dual voltage, for 12 and 120 volts. Double contact bayonet sockets. Complete with: (2) 12 volt, 11 watt and (2) 120 volt, 15 watt bulbs. Length 9-3/4". Width 3-1/2". Depth 1-7/8". Uses #10 fasteners. Sold each per display pack. Standard pack 5.

537300 (318 DP 12/120V) **$144.95 H**

Floodlights



Jabsco Tungsten Halogen Floodlights

Designed to evenly light any horizontal surface. Unique trapezoidal light beam allows light to spread with even intensity when lamp is mounted from above at one end of a work area. Ideal for lighting deck or work surface from cabin top, spoiler or Tuna Tower. Produces 9,900 bulb candlepower with an average bulb life of 450 hours. 50 watts. 12 volt. White housing.

413512 (45900-1000) 3" x 5" **$77.95 E 12G**
413500 (45900-0000) 4" x 6" **$82.95 E 12G**

Spare Bulbs

413562 (45903-0002) For **413512** (45900-1000) **$43.95 F**
413550 (45903-0000) For **413500** (45900-0000) **$60.95 F**



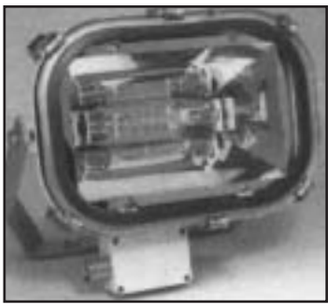
Quartz Floodlights

Rugged housing of heavy duty die-cast aluminum. Reflector has superior anodic finish with diffused finish to provide wide beam spreads. Silicone gaskets weatherproof all critical points. Corrosion-resistant hardware used on all exposed surfaces. Factory prewired with silicone glass braided wires extending 6" from stem.

413601	(14780-0001)	Jabsco	Standard	**$74.95 F**
415934	(QL-505)	Hubbell	300 - 500 Watt	**$62.95 B**

Spare Bulbs

413613	(1000719)	12 Volt	150 Watts	**$18.95 G**
413637	(1000779)	32 Volt	300 Watts	**$26.95 F**
219813	(1000224)	130 Volt	500 Watts	**$5.95 H**



Aqua Signal Floodlight - Commercial

Seamless deep drawn stainless steel. Powder coated white enamel. Clear safety glass. External junction box with watertight cable gland(s). Dimensions: 14.8" x 12". USCG Accepted tested and certified according to UL595, UL File E71486. 500 watt. 120 volt. **Note:** Bulb not included.

210500 (1069-001) **$597.95 G**



Marpac Halogen Floodlight

Stainless steel bracket with hardware and nylon housing. #H3, 12 volt, 55 watt halogen bulb. Mounts with 1/4" screws. Dimensions: 4-1/2" x 7".

7-0043 **$28.95 F 3Q**
7-9001 Spare Bulb **$6.95 F**



Phoenix Quartz Halogen Floodlight

Aluminum floodlight. Completely sealed gasketed housing with heat dissipation fins and powder coated finish. Sockets adjustable to provide three different beam patterns. 1,000 watts. Accepts lamps to 240 volts. UL Listed. Meets Standard 595 and 1571. USCG Accepted.

548125 (MS1000QH) **$890.95 E**



Phoenix Quartz Halogen Floodlight

Aluminum floodlight. Completely sealed gasketed housing with heat dissipation fins and powder coated finish. Sockets adjustable to provide three different beam patterns. 500 watts. Accepts lamps to 240 volts. UL Listed. Meets Standard 595 and 1571. USCG Accepted.

548113 (MS500QH) **$699.95 E**

TACO L.E.D. T-Top Light



TACO L.E.D. T-Top Light - Length 20"

TACO introduces LED lighting for T-tops. Enjoy the benefits of high efficiency LED lighting onboard. TACO's new LED T-top light provides 30 lumins of light (equivalent to 40 watts) and hooks up to a standard 12 volt marine battery. Low profile design makes this light a great choice for T-tops, lockers, electronics boxes or anywhere light is needed.

444243 (F38-2100BXY20-1) **$176.95 E**

Pyramid Technologies Flourescent Light



Pyramid Technologies Flourescent Rail Light

Made of durable polycarbonate. Highly reflective Mylar reflector. Reverse polarity protection. Waterproof and retrofits competitive style models. Mounts to cabin, cab, T-top, hardtop and gunnels. Mounts with standard 1.5" ID rod holder. T8. Size: 21-7/8" length x 1-1/2" diameter. Amp draw - 1.4 amp @ 12 volt. 15 watt. Bulb life 2,500 hours.

378795 (3085P) **$31.95 F**

378807 (3106) Decorative T-Top Mount **$69.95 F**

Spreader Lights



Marpac Adjustable Spreader Light

Stainless steel housing. Adjustable. Length 4-1/2". 12 volt, 55 watt halogen bulb.

7-0082 **$45.95 F 3Q**

7-9001 Spare Bulb **$6.95 F**



Perko Fig. 280 Adjustable Spreader Light

Chrome plated brass. Ball joint action allows it to be rotated in any direction. Complete with 12 volt sealed beam unit. OD 4-5/8". Depth 2-1/2". Bracket dimensions: 5-3/8" x 3/4". Uses #12 R.H. fasteners. Sold each per display pack. Standard pack 5.

536714 (280 DP1 12V) **$121.95 H 2K**

Optronics Utility Floodlight



Optronics Utility Floodlight

Launch/load floodlight. Rugged, weatherproof rubber housing. Stainless hardware. 12 volt

222812 (TL-10SS) **$18.95 F**

Docking Lights



Aqua Signal Stainless Steel Docking Light
Stainless steel. Halogen docking lights for safe maneuvering. 12 volt.

207394 (85101-7) **$188.95 G**



Aqua Power Heavy Duty Docking Light
30,000 cp bulb illuminates below the deckline. Newly-designed housing is fully sealed. Water cannot enter hull through docking light. Old-style O-Ring no longer needed to seal hull. Align and change eyeball from exterior of the hull. Just loosen set screw to align or change eyeball. Eliminates the need for access to the rear of the installed docking light. New eyeball will fit into old-style docking light housing. New-style housing will fit existing cut-out with only slight modification. Mil-Spec sealed waterproof/dustproof rocker switch panel included. 12 volt. White.

995001 (95001) **$524.73 H**
995002 (95002) Replacement 12 Volt Light **$135.67 H**

Optronics Docking Light Kits



Optronics Docking Light Kits
Includes: (2) Quartz Halogen 55 watt lights, stainless mounting brackets, rubber bracket boots, safety-fused wiring harness and lighted switch. Available in black or white. Rubber bracket boots are color matched to light housings. Light kits come in clam packed.

523096 (DL16CC) Black **$31.95 F**
523109 (DL16WC) White **$31.95 F**

T-H Marine Headlight Kit



T-H Marine Headlight Kit
Now, a boat headlight rugged enough to withstand the pounding of rough water. Durable, rugged all rubber housing is completely weatherproof and unbreakable. Protects sealed beam from shock and vibration. The sealed beam lamp is 110,000 candlepower with a concentrated beam. Includes: (2) housings, (2) sealed beams, switch panel and all mounting hardware for lights.

642312 (HL-1) Headlight Kit **$122.95 H**
642313 (HLB-1) Mounting Brackets **$17.95 H**

Energizer Hard Case Pro 4C L.E.D. Spotlight



Energizer Hard Case Pro 4C L.E.D. Spotlight

Suited for long distance lighting appliations such as searching. The tight white spot provides an intense focused beam. It is impact resistant and can be easily retieved from water. A shatterproof lens protects the LED from abusive environments and adds durability. Impact resistant light survives a 15' drop. Floats for easy recovery from water. One 3 watt Luxeon LED. Runtime: 12 hours.

340257 (TUF4CPE) Black and Dark Grey **$42.95 G**

Optronics Spotlights



Optronics BlueEye Beam® Series Spotlight

Eliminates reflective glare and protects against night blindness. Enables beam to penetrate rain, fog, snow and even windshields and water. 400,000 candlepower. Sealed beam 12 volt spotlight. Glare free saltwater/marine version with corrosion resistant hardware. 170 watt Par 46 BlueEye Beam sealed beam bulb. 10' white coil cord. Push button switch. Color display box.

523187 (KB-4001) **$45.95 F**
523316 (BB-4000) Spare Bulb **$27.95 F**



Optronics NightBlaster® Rechargeable Spotlight - Camo Color

1,000,000 candlepower cordless, rechargeable handheld spotlight. Halogen technology for maximized beam power and distance. Built-in overcharge protection prevents 110 volt charger from damaging the battery. Charge or operate from any 12 volt power source using 12 volt charging cord. ABS housing with Camo Finish and non-skid rubber bezel. Red and Amber lens for a variety of applications. 12 volt, 2.8 amp battery/100 watt quartz halogen bulb. 110 volt and 12 volt charging cords included. Clam pack. Standard pack 6.

523349 (QR-205RA) **$51.95 F**



Optronics Nightblaster® Spotlights

Powerful rechargeable NiMH battery pack with 110 volt and 12 volt chargers. Lightweight, ergonomic design with cushioned rubber grip and wrist lanyard.

Luxeon Star 3 watt LED for ultrabright, ultra-white light. Compact LED Spotlight provides full size, brilliant beam for up to 4 hours.

523046 (LSR-301) **$42.95 F**

Two Luxeon Star 3 watt LEDs for ultrabright light. Rechargeable LED weatherproof spotlight provides full size, brilliant beam for up to 2 hours at maximum brightness setting. Multifunction switch activates one or both LEDs for beam ranging 100 - 500 yards.

523058 (LSR-601) **$69.95 F**



Optronics Pro-Torx™ Rechargeable Spotlight - White

1,000,000 candlepower cordless, rechargeable handheld spotlight. Halogen technology for maximized beam power and distance. 110 volt and 12 volt chargers included. 6 volt, 4 amp battery/55 watt quartz halogen bulb. White housing. Color display box. Standard pack 6.

523213 (GR-100W) **$17.95 F**

Optronics 12 Volt Accessories



Optronics Extension Cord
10' coil cord with male adapter at one end and female at the other end. Black. 12 amp. 150 watts. 12 volt.

523310 (A-303) **$7.95 F**



Optronics Battery Adapter
Connect directly to any battery using this adapter with 15 amp fuse. Includes: 3' cord. 12 volt.

523290 (A-203) **$5.95 F**

Optronics Halogen Replacement Bulb
Replacement bulb. 12 volt, 100 watt halogen bulb.

523342 (A-705) **$26.95 F**



Optronics Battery Clips
Copper clad battery clips with red and black handles. 50 amp. 12 volt.

523274 (A-100) **$1.95 F**

Optronics Fish-N-Lites

NEW ITEM



Optronics Green L.E.D. Floating Fish-N-Lite
Light floats on the water's surface to attract night-feeding fish. Beam from 7 ultrabright green LEDs penetrates water. Energy efficient LEDs draw less than 1/4 amp per hour. Compact, lightweight design stows easily; durable LEDs last up to 100,000 hours without burnout. Includes: 12' cord with 12 volt power plug.

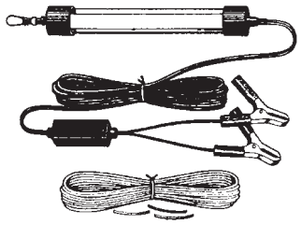
523038 (FLL-712) **$23.95 F**

NEW ITEM



Optronics L.E.D. Wide Angle Rechargeable Fish-N-Lite
Low profile LED light provides light output comparable to fluoescent models of the same size, but is completely portable. Versatile design serves three functions: (12) UV LEDs illuminate line and some lures, (5) Red LEDs provide a task light for rigging poles or reading maps while preserving night vision, and (5) White LEDs provide a utility light for setting up for the night or cleaning fish after. Includes: 12 volt cord.

523040 (FL-300L) **$58.95 F**



Optronics NightBlaster® Submersible Fish-N-Lite
Submersible Green Fish-N-Lite. 9" fluorescent tube glows green when illuminated. Includes: Battery clips, 15' cord and 20' safety cord. Operates both in and out of the water. Draws only 1/2 amp. 12 volt.

523022 (UW-100G) **$22.95 F**



Optronics Submersible L.E.D. Fish-N-Lite - Green
6 submersible LEDs provide light output comparable to fluorescent and halogen models of the same size. Fluted reflector multiplies the LEDs light and reflects it in every angle to reach more fish. Lasts up to 50 hours powered by 3 "AAA" batteries. Compact size (less than 10") for easy storage. Eyelet on endcap for weight allows light to be submersed at desired level.

523035 (LED-100G) **$25.95 F**

Energizer L.E.D. Headlights



Energizer L.E.D. Head Beam
High tech LED headlight for hands-free performance. Equipped with 3 bright LED bulbs: (2) Whites for super bright light and (1) Red for night vision and shatterproof lens. Headlight includes swivels, adjustable headband and holds 3 "AAA" batteries (included). Lifetime guarantee. Runs 50 hours between battery changes. Pivoting directional light lets you point the light right where you need it. ABS plastic housing for extra durability. 3 position slide switch.

340101 (HD33A1EN) **$19.50 G**



Energizer L.E.D. Headlight
Lightweight, versatile and comfortable. It puts light where you are looking and has a swivel adjustment with ratchet positioning for accurate aim. Variable light sources allow you to choose the best illumination for the job - flood, spot or red - without changing lights. Mounts securely to hard hats or can be worn around the head for long periods of time. Equipped with 6 LEDs: (2) White spot, (2) White flood and (2) Red. Uses 3 "AAA" batteries. Yellow.

340104 (HDL33AINE) **$23.95 G**

Eveready Industrial Flashlights



Eveready Industrial Flashlight
An excellent value for industrial maintenance and work applications. Uses 2 "D" batteries and KPR102 bulb. Yellow plastic. **Note:** Batteries not included.

340199 (E250Y) **$3.30 G**



Eveready Heavy Duty Industrial Flashlight
Rugged construction for severe use. Lifetime guarantee. Non-moving internal contact system. Top or bottom loading. Uses 2 "D" batteries and PR2 bulb. Yellow plastic. **Note:** Batteries not included.

340226 (1251) **$6.49 G**



Eveready Safety Industrial Flashlight
Top or bottom loading. Non-moving internal contact system. Spar bulb holder. Meets UL/MSHA* Standards. Lifetime guarantee. *Approved by MSHA for use in Methane-air mixtures. Also, listed by UL for use in Class 1, Groups C and D including Diethyl Ether, Natural Gas, Acetone, Ethyl & Methyl Alcohols, Naptha, Gasoline, Propane, Butane and Benzine. Uses 2 "D" batteries and PR2 bulb. **Note:** Batteries not included.

340238 (1259) **$9.39 G**

Eveready Safety Lantern



Eveready Safety Lantern
Push button. Floating. Meets UL/MSHA* Standards. Lifetime guarantee. *Approved by MSHA for use in Methane-air mixtures. Also, listed by UL for use in Class 1, Groups C and D including Diethyl Ether, Natural Gas, Acetone, Ethyl & Methyl Alcohols, Naptha, Gasoline, Propane, Butane and Benzine. Uses 6 volt spring type battery and PR13 bulb. **Note:** Batteries not included.

340202 (459) **$16.99 G**

Fulton Waterproof Flashlight



Fulton Waterproof Flashlight
A 3 "D" cell safety approved flashlight. Waterproof. Orange body with black lens ring and end cap. Meets ASTM Standard specification F 1014-86 for Type I, II and III, for use in hazardous locations. Features: 3 position switch, switch guard and spare bulb. Uses 3 "D" batteries. **Note:** Batteries not included.

261736 (932-1B) **$15.95 G**

Energizer L.E.D. Flashlights



Energizer
Hard Case Pro L.E.D. Flashlight
The anti-roll design combined with impact resistance greatly reduces the potential for damage to internal components. A shatterproof lens protects the LED from harsh environments. Impact resistant light survives a 30' drop. Push button switch. Uses 2 "AA" batteries. Runtime: 20 hours. Black and dark grey.

340261 (TUF2AAPE) **$21.95 G**



Energizer
Hard Case Pro L.E.D. Flashlight
It's bright white spot puts light where you need it most and the shatterproof lens shelters the LED. Sturdy construction protects the internal components from damage in severe weather and demanding conditions on the job. Push button switch. Impact resistant light survives a 20' drop. Uses 4 "AA" batteries. Runtime: 15 hours (Alkaline), 30 hours (Lithium). Black and dark grey.

340269 (TUF4AAPE) **$26.95 G**



Energizer
Hard Case Pro L.E.D. Flashlight
Hands-free operation allows table or bench top use. Swivel head puts light where you need it. Durable and weatherproof. The LED is protected by a shatterproof lens for extended service. Impact resistant light survives a 15' drop. Uses 4 "AA" batteries. Runtime: 15 hours. Black and dark grey.

340265 (TUF421PE) **$29.95 G**

Pelican Products Flashlights



Pelican Products
Sabrelite Laser Spot Xenon Flashlight
Watertight to 2,000 feet. Unbreakable ABS body with a high-impact polycarbonate lens. Approved non-incentive, FM, CSA, MSHA, AUS and UL. Exclusive state-of-the-art Laser Spot Xenon lamp module produces a tightly focused collimated white light beam with 400% increased net candlepower. Includes: Belt spring clip, stainless steel split ring and black lanyard. Meets military specifications. Length 7.79". Uses 3 "C" alkaline batteries (Not included). Yellow.

511231 (2000C) **$39.95 G**
511243 (2004) Replacement Module **$13.95 G**



Pelican Products KingLite 4000 Flashlight
Heavy duty, high-powered spotlight. It uses a unique dual filament Xenon lamp that produces a bright beam. Made of unbreakable ABS resin with a polycarbonate lens and thermoplastic rubber shroud that resists chemicals and corrosion. Two reflectors are included: A modified spot and a laser spot . Also, a back-up lamp is stored behind the reflector for emergencies. Features: Dual direction switch, locking slide, a pistol grip/lantern handle and a shock absorbing internal battery module that protects both the cells and the lamp from hard knocks. Uses 8 "D" alkaline batteries.

511253 (4000B) **$109.95 G**



Pelican Products Mitylite Laser Spot Flashlight
Watertight to 500 feet. Made of an unbreakable space age high-impact polycarbonate resin. Focused beam that is 400% brighter than ordinary pocket lights. Approved non-incentive, FM, CSA, CENELEC and AUS. Includes: Shirt clip, laser spot lamp module and 2 "AAA" alkaline batteries. Yellow.

511217 (1900C) **$15.95 G**
511229 (1904) Replacement Module **$5.95 G**



Pelican Products Sabrelite Recoil L.E.D. Flashlight
Recoil LED Technology produces a white collimated beam that's as bright as an incandescent light and provides 10,000 hours of lamp life and extended battery burn time. The rugged, lightweight ABS resin body is submersible to 500 feet and a twist on/off lens shroud eliminates accidental discharge. Length 8.11". Uses 3 "C" alkaline batteries (Not included). Yellow.

511249 (2010C) **$66.95 G**

Emergency Battle Lantern



Emergency Battle Lantern

Designed and mfg. to US Navy Spec MIL-F-16377. Lanterns are made of yellow high impact glass filled polyester resin and are virtually indestructible. Lanterns required (2) 6 volt spring type batteries. (Not included). Model SMY100-2 is portable with a built-in carrying handle and has "T" bracket. Model SMY101-2 includes a 115V AC relay and 10' of power cord. When connected to a 115 volt power source the relay is energized and the sealed beam is off. When power is lost the relay de-energizes and the sealed beam lamp comes on providing a powerful emergency light.

696320 (SMY100-2)	Lantern Only	**$142.95 G**
696344 (SMY101-2)	Lantern with Relay	**$155.95 G**
696332 (2438)	Slotted Bracket	**$12.00 F**
696368 (SMY2546)	"T" Bracket	**$15.00 F**
220486 (4546)	Spare Bulb	**$13.95 H**
340125 (HS190)	Eveready 6 Volt Spring Battery	**$2.99 G**

Pelican Nemo™ 4200



Pelican Nemo™ 4200

The 4200 has an unbreakable ABS body with thermoplastic overmolded accents and polycarbonate lens. It uses a clever magnetic switch that operates outside of the body to prevent leaking. The switch can be easily removed for washing off sand and dirt. A 3 surface compression fit O-Ring makes the Nemo completely watertight. Designed with negative buoyancy, a lead ballast is not necessary. A spare Xenon lamp is included and stored underneath the reflector. Submersible to 500 feet. Uses 4 "C" alkaline batteries.

511258 (4200)		**$63.95 G**
511259 (4203L)	Replacement Module	**$11.95 G**

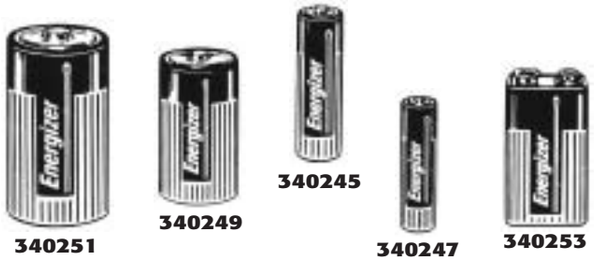
Alkaline Batteries



Eveready Heavy Duty Industrial Battery

Supply premium power at popular prices. Excellent leakage resistance. Lasts longer than regular batteries. 100% mercury free.

340175 (EV150)	"D" Cell Battery	**$0.79 G**



Energizer Alkaline Batteries

Energizer Alkaline Batteries are recommended for heavy drain, frequent use applications: Flashlights, radios, lanterns, etc. Provides 1-5 and 9 volts. Complete with quicker, easier, most preferred tester.

340245 (E91BP-4)	"AA" Cell Battery	4 Pack	**$4.99 G**
340247 (E92BP-2)	"AAA" Cell Battery	2 Pack	**$2.99 G**
340249 (E93BP-2)	"C" Cell Battery	2 Pack	**$4.99 G**
340251 (E95BP-2)	"D" Cell Battery	2 Pack	**$4.99 G**
340253 (522BP)	9 Volt Battery	1 Pack	**$4.99 G**



Eveready Industrial Alkaline Batteries

Best low temperature characteristics. 100% mercury free. Best for items with heavy drain and frequent use. Stamped with a manufactured date and also a use before date to assure fresh ready power when needed.

340113 (EN22)	9 Volt Battery	**$2.59 G**
340137 (EN91)	"AA" Cell Battery	**$0.89 G**
340149 (EN92)	"AAA" Cell Battery	**$0.89 G**
340151 (EN93)	"C" Cell Battery	**$1.35 G**
340163 (EN95)	"D" Cell Battery	**$1.49 G**



Eveready General Purpose Industrial Batteries

340125 (EV190)	6V Spring Terminal Battery		**$2.99 G**
340214 (510S)	6V Screw Terminal Battery		**$5.79 G**

Perko Pilot House Control Searchlights



Perko Fig. 314 Pilot House Control Searchlights

Chrome plated brass head with chrome plated bronze base. Lever action. Pilot house control. Lever handle controls both horizontal and vertical movement. 380° horizontal movement. 70° vertical movement. For ceiling thicknesses of up to 5". 12 volt.

7" Sealed Beam Unit

Approximately range 5/8 mile. Overall length 24". 100 watts. 250,000 candlepower.

527917 (314 C07 12V)		**$832.95 G**
530003	Rubber Boot	**$17.95 A**
220462 (433 003 12V)	Spare Sealed Beam Unit	**$88.95 H**

8" Sealed Beam Unit

Approximately range 3/4 mile. Overall length 26". 250 watts. 500,000 candlepower.

412433 (314 C08 12V)	**$1,231.95 F**



Perko Fig. 535 Pilot House Control Searchlight

Chrome plated brass head with chrome plated bronze base. 7" sealed beam bulb. Lever handle controls both horizontal and vertical movement. Control length 7-1/2". Waterproof construction. Approximately range 5/8 mile. Maximum ceiling thickness 4-1/2". Height above surface 12-1/2". Base diameter: 4-7/8" x 3-1/8". 100 watts. 12 volt. 250,000 candlepower.

540559 (535 003 12V)	**$800.95 H**

Spare Sealed Beam Unit

220462 (433 003 12V) 12 Volt	**$88.95 H**

Spare Sealed Beam Unit for Lever Control Searchlights

Spare Sealed Beam Unit for Lever Control Searchlights

220462 (433 003 12V)	7"	12 volt	100 watts	**$88.95 H**

ACR Remote Control Searchlights



ACR RCL-100C Remote Control Searchlight

Internal elevation mechanism provides pitch control of spotlight beam while protecting elevation mechanism from weather. High intensity 55 watt halogen lamps and parabolic reflectors provide intense concentrated spotlight beam. Housing rotates in either direction, allowing all-around illumination capability without getting "bound". Rugged, weatherproof enclosure for years of reliable service. Includes: A fingertip remote control Point Pad; up to six remote Point Pad units may be installed on system. Saltwater resistant construction with nylon and phenolic washers, aluminized stainless steel screws with insulating lubricant. 518 Aluminum. Beam angle: 5° vertical, 7° horizontal. Elevation angle: 9° up, 17° down. Rotation speed: Fast 28° per second, slow 18° per second. Elevation speed: 2° - 7° per second. 200,000 candlepower. Dimensions: 8" H x 8" D x 9" W. Weight: 7.2 lbs. 12 volt.

200701 (1930) RCL-100C **$1,513.95 E**
200713 (6001) Halogen Lamp - 55 watt, 12 volt **$46.95 G**

Special Order



ACR RCL-600A Ultrabright Remote Control Searchlight

6,000,000 candela remote control searchlight. Aesthetically designed to meet performance requirements of large pleasure yachts. Internal elevation mechanism provides pitch control of spotlight beam while protecting elevation mechanism from weather. Xenon lamp and parabolic reflector provide hyper-intense 6,000,000 candela spotlight beam. Focus adjustment gives spot or flood capability. Housing rotates a full 360° allowing all-around illumination capability. Auto return brings light back to a pre-set position. Rugged weather-proof enclosure for years of reliable service. White aluminum housing. Nylon shoulder washers insulate base plate when mounting, eliminating galvanic reaction of dissimilar metals. Includes: Control panel with self-contained joystick remote. Operates on 24 volt @ 15 amps. Beam angle: Variable; can be narrowed and broadened. Elevation angle: 18° up, 30° down. Turning speed: 11° per second low, 27° per second high. Lamp: 150 watt Xenon. Dimensions: 17" H x 15" D x 14" W. Weight: 65.0 lbs. Available by special order.

RCL-600A [1941] - Call for Additional Information

Guest Remote Halogen Spotlight Kit



Guest Remote Halogen Spotlight Kit

This 100,000 candlepower halogen sealed beam spotlight provides the ultimate combination of sleek, contemporary styling and exceptional performance. Spotlight kit includes: Joystick control (22209) and 15' wiring cable with easy install plug ends. Easy to retrofit, same footprint of the 5" spotlight. Corrosion-proof, impact resistant UV stabilized ABS. Remote operation with joystick control. Light can be directed manually without damaging motors. For boats 19' - 29'. 355° horizontal rotation and 80° vertical sweep. Low 4 amp current draw. Easy to install with wiring harness provided. Directional control operates with or without the light on. Base dimensions: 5" diameter. Joystick control requires 1-5/8" H x 2-3/4" L cutout. Lamp dimensions: 8-5/8" W x 9-3/16" H x 8-11/16" D. 12 volt.

378908 (22200) **$326.95 F**

Jabsco • Ray-Line® Remote Control Searchlights



Jabsco • Ray-Line® 155SL Remote Control Searchlight

Constructed of noncorrosive materials. White thermoplastic. 5" sealed beam halogen lamp. Long life gear drive. Low amp draw. Patented clutch mechanism prevents motor damage when running against limit stops. 100,000 candlepower. 1 lux at 885'. Full 320° horizontal rotation, 75° vertical sweep. Includes: Standard control panel and 15' cable. Dimensions: 6-3/8" W x 8" L x 8" H. 4.5 amps. 12 volt.

412611	(61050-0012)		**$296.95 F**
413093	(18753-0528)	Replacement Bulb	**$62.95 F**



Jabsco • Ray-Line® 135SL Remote Control Searchlight

Constructed of noncorrosive materials. White thermoplastic. Sealed beam halogen lamp. Long life gear drive. Low amp draw. Patented clutch mechanism prevents motor damage when running against limit stops. 100,000 candlepower. 1 lux at 865'. Full 320° horizontal rotation, 75° vertical sweep. Includes: Remote control and 15' cable. Black control panel has fused on/off switch and four-way directional switch. Dimensions: 7-1/16" W x 7-1/2" D x 7-7/8" H. 3.6 amps. 50 watts. 12 volt.

412609	(60020-0000)		**$252.95 F**
413395	(60030-0000)	Dual Station Control	**$101.95 F**
413067	(18753-0178)	Replacement Bulb	**$43.95 F**



Jabsco • Ray-Line® 146SL Remote Control Searchlight

Sleek design. Rugged construction. Corrosion resistant Lexan housing. White thermoplastic. High output halogen sealed beam lamp. 175,000 candlepower. 1 lux at 1,275'. Full 360° horizontal rotation, 30° up, 30° down vertical sweep. Includes: Weather resistant remote control and 15' cable with easy plug-in connections. Dimensions: 8-1/2" W x 10-1/8" D x 8-15/16" H. 4 amps. 50 watts. 12 volt.

412623	(60080-0012)		**$501.95 F**
413257	(43670-0004)	Dual Remote Control	**$258.95 F**
413081	(18753-0455)	Replacement Bulb	**$64.95 F**



Jabsco • Ray-Line® 255SL Remote Control Searchlight

Ideal modern searchlight for medium to large boats for locating channel markers, buoys, moorings and avoiding obstacles. Sleek design. Rugged construction. Tough polyurethane finish. White thermoplastic. Twin high output halogen sealed beam lamps. 200,000 candlepower. 1 lux at 1,040'. Full 360° horizontal rotation, 30° up, 30° down vertical sweep. Includes: Remote control and 25' cable. Dimensions: 10-1/2" W x 10-15/16" D x 8-13/16" H. 8 amps. 12 volt.

412647	(60010-2012)		**$1,216.95 F**
413257	(43670-0004)	Dual Remote Control	**$258.95 F**
413079	(18753-0336)	Replacement Bulb	**$41.95 F**



Jabsco Wireless Remote Control

Works with all Jabsco plastic and metal searchlights (Except 6" Models).

413106	(60000-0000)	**$177.95 F**

Jabsco 6" Remote Control Searchlights





Extension Cable

Jabsco 6" Remote Control Searchlights

Chrome plated brass. Complete drive unit enclosed in light housing. Single control lever for vertical and horizontal movement. Two speed light movement. Auto-sweep mode cycles light side-to-side automatically. Light will transmit an "SOS" distress signal automatically. Control is water resistant with plug-in connections. Two station operation optional with use of dual station kit. Control panel included. Full 360° horizontal rotation, 70° vertical sweep. 15 amp. **Note:** These lights replace the 62022, 62026 and 62040 Series Searchlights and fit the same cutout.

Spot/Flood sealed beam bulb. 200,000 candlepower. 1 lux at 1,380'. 12/24 volt.

412750 (63022-0012) **$632.95 F**

Spot beam high intensity discharge bulb. 600,000 candlepower. 1 lux at 2,210'. 12 volt.

412762 (63042-0012) **$1,490.95 F**

Jabsco Extension Cables with Plugs

413423 (64042-1008) Length 25' **$63.95 F**

Jabsco Dual Station Kit

Includes: Control, Y-adaptor and 15' cable. Use for boats with two control locations.

413446 (64044-0000) **$185.95 F**

Jabsco Spare Bulb

413051 (64046-0006) Spare Bulb for **412750** (63022-0012) **$38.95 F**

Jabsco Accessories for 63022 and 63042 Series Searchlights



Jabsco Wiring Cable Assembly

413269 (43990-0014) 15' Wiring Cable Assembly **$111.95 F**

Jabsco Spare Bulbs

220510 (4700) Spare Bulb for 5" Searchlight **$29.95 H**

413043 (67262-0000) Spare Bulb for 7" Searchlight **$99.95 F**



Jabsco Dual Station Control

Watertight design suitable for flybridges. Attractive style complements any instrument panel. Built-in fuse and plug connectors for easy wiring. Two speed control for precise beam aiming. 12 volt.

413257 (43670-0004) Dual Station Kit **$258.95 F**

413245 (43670-0003) Replacement Control **$196.95 F**

GOLIGHT Spotlights



GOLIGHT Spotlight/Navigation Light
Armed with CR5 pentabeam technology, the GOLIGHT houses a Philips axial filament bulb emitting an astounding 400,000 candlepower beam. Capable of rotating 370° horizontally and 135° vertically. The package includes: A 20' wired remote control, suction cup and permanent mount shoe. UV and saltwater resistant. Backed by an industry leading 3 year warranty.

386021 (5149) Remote Control **$163.95 F**



GOLIGHT Permanent Mount SpotLights
Armed with CR5 pentabeam technology, the GOLIGHT houses a Philips axial filament bulb emitting an astounding 400,000 candlepower beam. Capable of rotating 370° horizontally and 135° vertically. Remote options are also available with your choice of a hard wired dash remote or a wireless handheld remote that allows operation of the light at up to 100' away. UV and saltwater resistant. Backed by an industry leading 3 year warranty.

386015 (2020) Dash Control **$207.95 F**
386019 (2000) Wireless Remote Control **$304.95 F**



GOLIGHT Stryker Permanent Mount Spotlight
The "Stryker" is a new revolution in searchlight design and technology which incorporates wireless remote controls and a very simple and quick mounting system. The optional wireless dash remote gives you the convenience of a permanent control that is always at fingertips reach, without the sizable job of routing a harness from the light to the control. These innovative features are combined with GOLIGHT's current industry leading technology which includes: 370° Pan/135° Tilt, UV and saltwater resistant housing, wireless and wired remote controls and 500,000 candlepower. Backed by an industry leading 5 year warranty.

386032 (3000) White **$351.95 F**



GOLIGHT Spotlight/Navigation Light Combination
Mounted by a 12" Stanchion. The Philips axial filament bulb emits an astounding 400,000 candlepower beam, complimented by a red/green navigation light system. Capable of rotating 370° horizontally and 135° vertically. The spotlight is operated by a wireless handheld remote that allows operation of the light at up to 100' away. 2 prong deck receptacle is included in the package. UV and saltwater resistant. Backed by an industry leading 3 year warranty. White.

386017 (2100) Remote Control **$348.95 F**



GOLIGHT Stryker Dash-Mount Wireless Remote
Compatible with all wireless units.

386044 (30200) **$58.95 F**

Perko 800 Series Solar-Ray® Searchlights

PERKO®





Fig. 851 – Lever Control



Fig. 852 – Wheel Control



Fig. 969 – Lever/Gear Control

Perko 800 Series Solar-Ray® Searchlights

Heavy gauge brass and cast bronze. White Perko • Kote finish. 12, 24, 32 or 120 volts. All models feature: Halo deflectors, parabolic glass mirror reflectors for maximum light output and ventilation covers for quick dissipation of heat to help prolong bulb life. Hinged front doors have quick release stainless steel latches to provide easy access for bulb replacement. Stainless steel latches. Weatherproof construction interior finished in flat black. Lower vent cover on 12" and 14" sizes. Slide-lock focusing device behind lower vent. Heavy duty yoke mounting. Standard pedestal base diameter: 7". 10" lights are standard with 2-pin prefocus socket. 12" and 14" lights are standard with medium prefocus socket. Bulbs are not included and must be ordered separately.

Perko Fig. 883 Deck Control Solar-Ray® Searchlights

Equipped with handles on the rear cover for positioning. These searchlights cannot be fitted with controls.

526802	(883 0P1 WHT)	10" Height Overall 20-1/8"	**$970.95 E**
526814	(883 0P2 WHT)	12" Height Overall 22-1/8"	**$1,150.95 E**
530433	(883 000 99A)	Catch Kit	**$43.95 E**

Perko Fig. 884 Lever Control Solar-Ray® Searchlights

Aim handle for horizontal position. Move handle up and down for vertical position. Maximum ceiling thickness: 4-1/2". Order head and lever control assemblies separately.

526838	(884 0P1 WHT) 10" Head Assembly	**$849.95 E**
526840	(884 0P2 WHT) 12" Head Assembly	**$1,108.95 E**
526852	(884 0P3 WHT) 14" Head Assembly	**$1,470.95 E**
527108	(851 000) Lever Control Assembly, Length 8-1/2"	**$222.95 E**
527119	(851 0A0) Lever Control Assembly, Length 15-1/2"	**$264.95 E**
527121	(851 0B0) Lever Control Assembly, Length 22-1/2"	**$304.95 E**
527132	(851 0C0) Lever Control Assembly, Length 29-1/2"	**$342.95 E**

Perko Spare Parts for Fig. 851 Lever Control Assemblies

530015	(21) Ceiling Lock	**$75.95 A**
530027	(22) Lock Knob	**$20.95 A**
530053	(25) Upper Bushing	**$17.95 A**
530077	(27) O-Ring Seal	**$13.95 A**
530089	(28) Lower Bushing	**$17.95 A**
530091	(29) Handle Shaft	**$21.95 A**
530104	(30) Handle	**$24.95 A**
530116	(31) Fulcrum Collar	**$21.95 A**
530128	(32) Fulcrum Bar	**$18.95 A**
530142	(55) Fork Seal Bushing	**$17.95 A**
530154	(56) Base Seal	**$21.95 A**

Perko Fig. 885 Wheel or Lever/Gear Control Solar-Ray® Searchlights

Wheel Control Assemblies. Turn upper wheel for horizontal position. Turn lower wheel for vertical position. Distance between wheels: 2". Maximum ceiling thickness: 3".

Lever/Gear Control Assemblies. Aim handle for horizontal position. Twist handle for vertical position. Maximum ceiling thickness: 3-1/2".

Order head and wheel or lever/gear control assemblies separately.

526876	(885 0P1 WHT)	10" Head Assembly	**$809.95 E**
526888	(885 0P2 WHT)	12" Head Assembly	**$1,068.95 E**
526890	(885 0P3 WHT)	14" Head Assembly	**$1,466.95 E**
527208	(852 000) Wheel Control Assembly	Length 7-1/2"	**$264.95 E**
527211	(852 0A0) Wheel Control Assembly	Length 14-1/2"	**$304.95 E**
527223	(852 0B0) Wheel Control Assembly	Length 21-1/2"	**$342.95 E**
527234	(852 0C0) Wheel Control Assembly	Length 28-1/2"	**$387.95 E**
527247	(969 0C0) Lever/Gear Assembly	Length 29-1/2"	**$866.95 E**

Perko Spare Parts for 800 Series Solar-Ray® Searchlights

543202	(890 001) Spare Reflector for 10" Searchlights	**$337.95 C**
543214	(890 002) Spare Reflector for 12" Searchlights	**$355.95 C**
543226	(890 003) Spare Reflector for 14" Searchlights	**$765.95 C**
530178	(910) Spare Retaining Clips	**$42.95 D**
530229	(905) Spare Pinion Gear f/Wheel Control Assemblies	**$111.95 D**

Perko Spare Sockets for 800 Series Solar-Ray® Searchlights

530458	(894) Medium Screw Socket Code B	**$17.95 D**
530469	(895) Medium Prefocus Socket Code E	**$97.95 D**
530471	(897) Mogul Screw Socket Code D	**$32.95 D**
530483	(899) 2-Pin Prefocus Socket Codes F, G, H & I	**$33.95 D**
530495	(866) 2-Pin Prefocus Socket Code K	**$44.95 E**

Bulb & Socket Information for 800 Series Solar-Ray® Searchlights

Bulbs Are Not Included in Lights

To give good results, the bulb and reflector must be perfectly compatible; therefore be sure to specify the stock number of the bulb desired. Peak candlepower is exceedingly sensitive to many factors, (i.e. a light source out of focus by 1/32 inch, under-voltage of only 4% or differences between bulb manufactures) which can cause reduction of range of up to 20%.

Incandescent Bulb Recommendations

DMI #	MFG #	Voltage	Wattage	Socket Type	Socket Code Letter	For Searchlight Size	Rated* Life Hours	Mfg. Bulb Code
528806	806	32	500	Medium Screw	B	10", 12", 14"	50	DLT
219887	807	120	500	Medium Prefocus	E	10", 12", 14", 19"	25	CZX/DAB
	809	120	750	Medium Prefocus	E	12", 14", 19"	25	DPJ
	837	120	750	Medium Prefocus	E	12", 14", 19"	200	DDY
	810	120	1,000	Medium Prefocus	E	12", 14", 19"	25	DRS
220018	811	120	1,000	Mogul Screw	D	12", 14"	50	DRW
219989	860	230	1,000	Medium Prefocus	E	12", 14", 19"	50	DWK

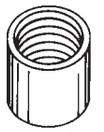
"Quartz" Tungsten Halogen Bulb Recommendations

DMI #	MFG #	Voltage	Wattage	Socket Type	Socket Code Letter	For Searchlight Size	Rated* Life Hours	Mfg. Bulb Code
220070	816	12	100	2-Pin Prefocus	F	10", 12", 14"	50	FDT
220032	836	24	150	2-Pin Prefocus	G	10", 12", 14"	50	DZE/FDS
219825	844	120	500	Medium Prefocus	E	10", 12", 14", 19"	500	BTM
220020	820	120	600	2-Pin Prefocus	I	10", 12", 14"	75	DYS
219837	845	120	750	Medium Prefocus	E	12", 14", 19"	200	BTP
219851	839	120	900	2-Pin Prefocus	K	12", 14"	75	BVA
219849	846	120	1,000	Medium Prefocus	E	12", 14", 19"	200	BTR

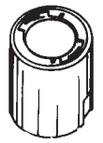
Electric bulbs are not returnable unless the fault is ours.
*Note: These are the "Rated Average Laboratory Life in Hours" of the Bulb Manufacturer. No guarantee to the time indicated.

Electric Socket and Support Stand Assemblies

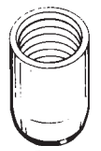
Solar-Ray® Searchlights include a socket and support stand based on the bulb or socket information given when ordering. The following chart makes it possible for distributors or dealers to order and stock different styles of these assemblies separately for field conversion, thereby covering a large variety of voltage and candlepower requirements with a minimum of inventory. (Donovan numbers are **bold**).



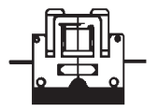
Medium Screw
Code - B



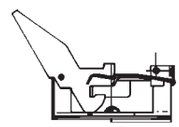
Medium Prefocus
Code - E



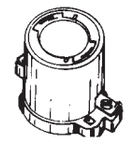
Mogul Screw
Code - D



2-Pin Prefocus
Code - F, G, H and I



2-Pin Prefocus
Code - K



Mogul Prefocus
Code - L and M

Socket Type	Socket Code	For 10" Searchlights		Height Stand	For 12" Searchlights	Height Stand	For 14" Searchlights	Height Stand
Medium Screw	B	872 001		1-1/4"	872 002	2-1/4"	872 003	3-1/4"
Medium Prefocus	E	**530332**	(873 001)	1-5/16"	**530344** (873 002)	1-15/16"	**530356** (873 003)	2-15/16"
Mogul Screw	D			874 002	7/16"	874 003	1-1/4"	
2-Pin Prefocus (12 volt)	F	875 001		3-1/2"	875 002	4-1/2"	875 003	5-1/2"
2-Pin Prefocus (24 volt)	G	876 001		3-1/4"	876 002	4-1/4"	876 003	5-1/4"
2-Pin Prefocus (32 volt)	H	878 001		3-1/4"	878 002	4-1/4"	878 003	5-1/4"
2-Pin Prefocus (600 watts)	I	**530421**	(879 001)	3-1/8"	879 002	4-1/8"	879 003	5-1/8"
2-Pin Prefocus (900 watts)	K				880 002	3-13/16"	880 003	4-13/16"

Perko 19" Solar-Ray® Searchlight





526650



526674

PERKO®

Perko 19" Solar-Ray® Searchlight

The 1900 Series - Solar-Ray Searchlights are designed and built with the commercial user in mind where maximum size and brilliance counts. These units are constructed of marine aluminum with heavy duty castings and heavy gauge reinforced bodies for extra durability. White Perko • Kote finish. Features: Halo deflectors, parabolic glass mirror reflectors and ventilation covers to extend bulb life. Hinged front doors have quick release stainless steel latches to provide easy access for bulb replacement. Solar-Ray searchlight includes a socket, support stand based on the bulb or socket information given when ordering. The chart below makes it possible to make your decision.

526600 (1902 004 WHT)	Searchlight Head Only	**$2,175.95 E**
526650 (1921 XXX WHT)	70" Lever/Gear Control Only	**$1,450.95 E**
526674 (1922 XXX WHT)	70" Wheel Control Only	**$1,464.95 E**
543238 (890 004)	Spare Reflector	**$1,126.95 E**
530229 (905)	Spare Pinion Gear	**$111.95 D**

Socket Type	Socket Code	Socket & Stand Fig. #	Height Stand
Medium Screw	B	872 004	5-3/4"
Medium Prefocus	E	873 004	5-7/16"
Mogul Prefocus (1,500 watts)	L	1930 004	3-5/8"
Mogul Prefocus (1,000 & 2,000 watts)	M	1931 004	3-1/8"
2-Pin Prefocus (900 watts)	K	880 004	7-5/16"

Perko 887 Series Searchlight

PERKO®



Perko 887 Series
Distant Electric Control Solar-Ray® Searchlight

All aluminum with White Perko • Kote finish. Searchlight head assembly comes with Distant Electric Control Base. For 12, 24 and 120 volt. Remote electric. Joystick type controller with variable speed control for both horizontal and vertical positioning. Searchlight dimensions: Nominal drum diameter: 14". Length Drum: 17".

Call for Prices and Availability!

Suez Canal Searchlight



Price on Request

Manufactured by Norselight

Suez Canal Searchlight - 2,000W/3,000W Halogen

The searchlight is made of seawater resistant aluminum finished in white corrocoat polyester. It is gas tight, pressure tested and equipped with a safety valve. A 1/4" rubber hose may be connected to the escape valve transferring hot air to a gas-free zone. The searchlight drum weighs only 37 kg which simplifies installation. When not in use, it can easily be removed to a bow in a storage room by one person. Handles for lifting are provided for this purpose. A protection cover can also be attached to the front glass to prevent damages.

The Carlisle & Finch Co. 500 Watt Xenon Arc Searchlight



The Carlisle & Finch Co.
500 Watt Xenon Arc Searchlight
45 Million Beam Candlepower.

Manual Control. Features: Drum-size nominal 15-inch. 45 Million beam candlepower. Nominal 1 degree beam collimation. Remote electric beam-size focus (1 to 15 degrees). External manual beam-size focus knob (provides back-up if focus motor fails). Precision electroformed deep-dish reflector made of bullet-resistant nickel with polished rhodium finish. Rugged marine aluminum and stainless steel construction. (Optional brass with sparkling chrome finish for yachts). Voltages: 115VAC. Aiming: Remote lever-gear or local handle. Safety power cut-off switches on searchlight door and power supply. Scratch-resistant and salt-resistant powder coat finish. Long-life warranted xenon lamp. Sealed weatherproof drum. Exceeds 385 degree horizontal rotation (with unique sliding stop design).

Remote Electric Control. Note: Remote electric control units have all the features listed above and also the following: "Proportional-Speed" joystick provides aiming and speed control with single-hand. Motorized rugged cast base with horizontal and vertical clutch assemblies and ball bearings contained in stainless steel races. Exceeds 385 degrees horizontal rotation (with unique sliding stop design). Fast speed searches at 30 degrees per second. Single station or multiple stations. Indoor and outdoor weatherproof control stations. Optional anti-icing heater circuitry in base, rack and trunnions. Optional digital azimuth indicator. Optional manual back-up (in case of motor failure).

275304 (X9396LG-RF)	Head Only	**$6,899.00 A**
275328 (4441X-RF)	Control Station	**$260.00 A**
275405 (4198PS-1)	Power Supply	**$2,340.00 A**

The Carlisle & Finch Co. 1.0kw and 2.5kw Xenon Arc Searchlights



The Carlisle & Finch Co.
1.0kw and 2.5kw Xenon Arc Searchlights
80 and 150 Million Beam Candlepower.

Manual Control. Features: Drum-size nominal 19-inch. 80 Million (1.0kw) and 150 (2.5kw) beam candlepower. Nominal 1-degree beam spread collimation. Remote electric beam-size focus (1 to 15 degrees). External manual beam-size focus knob (provides back-up if focus motor fails). Precision electroformed deep-dish reflector made of bullet-resistant nickel with polished rhodium finish. Rugged marine aluminum and stainless steel construction. Voltages: 3-phrase 208/240 VAC, 380 VAC, 480 VAC or 575 VAC. Aiming: Remote lever-gear or local handle. Searchlight door interlock switch shuts off power to system. Scratch-resistant and salt-resistant powder coat finish. Long-life warranted xenon lamp. Sealed weatherproof drum. Exceeds 385 degree horizontal rotation (with unique sliding-stop design).

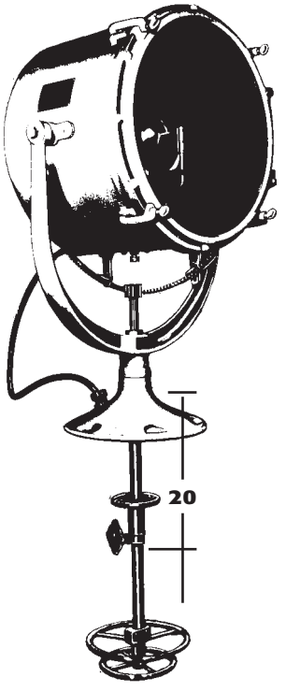
Remote Electric Control. Note: Remote electric control units have all the features listed above and also the following: Motorized rugged cast base with horizontal and vertical clutch. Assemblies and ball bearings contained in stainless steel races. Exceeds 380 degrees horizontal rotation. 8-position joy-stick provides simultaneous vertical and horizontal movement. Speed control dial changes beam speed from 0 to 27 degrees per second. Single station or multiple stations. Indoor and outdoor weatherproof control stations. Optional anti-icing heater circuitry in base, rack and trunnions. Optional digital azimuth indicator. Optional manual back-up (in case of motor failure).

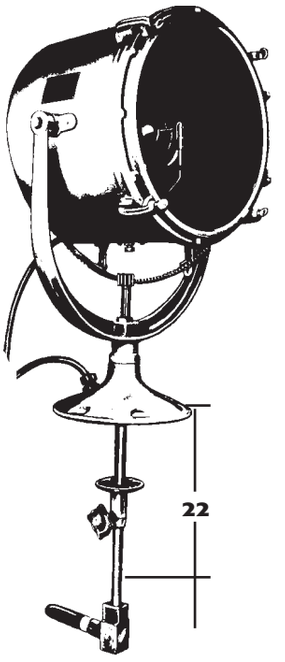
275417 (XE9664LG-RF)	Head Only	**$9,063.00 A**
275431 (9754X-RF)	Control Station	**$335.00 A**
275429 (5275PS2-1)	Power Supply	**$4,070.00 A**

The Carlisle & Finch Co. 19 inch Incandescent Searchlights

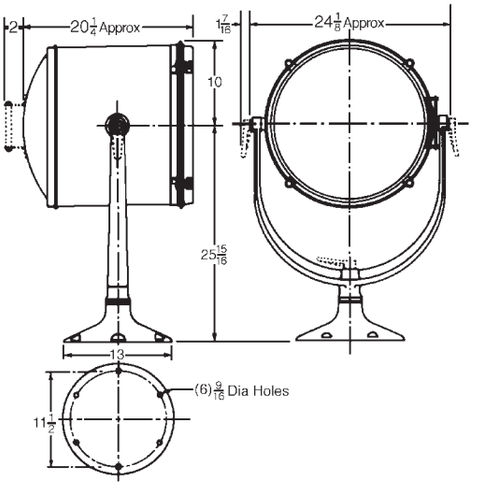
Beam Characteristics of 19 inch Incandescent Searchlights with Various Lamps
Price On Request

Lamp Data								Beam Characteristics		
watts	volts	Bulb Size	Base	Filament	Service	Average Hours Life	Code	Peak Beam Candlepower	Horizontal Spread	Vertical Spread
750	120	T20	Medium Prefocus	C13D	Projection	25	DPJ	4,260,000	3.5°	3.6°
1,000	120	T20	Mogul Bipost	C13D	Projection	25	DRE	4,200,000	4.5°	4.2°
1,000	120	T20	Mogul Prefocus	C13D	Projection	25	DSB	4,410,000	4.5°	4.2°
1,000	120	T20	Mogul Screw	C13D	Projection	25	DRW	4,410,000	4.5°	4.2°
1,000	120	G40	Mogul Screw	C13D	Sptit	25	1M/1M/G40/1	3,200,000	4.4°	5.4°
1,000	120		3 Contact	C13	Flood	25		475,000	15°	15°
1,000	120	T20	Medium Prefocus	C13D	Projection	200	1M/T20P/SP	2,680,000	5°	5°
1,000	120	T20	Medium Prefocus	C13D	Projection	25	DRS	4,410,000	4°	4.3°
1,000	120	T20	Mogul Bipost	C13	Aero	500	1M/T20BP	2,381,000	5.4°	5.4°
1,000	120	T20	Mogul Prefocus	C13	Aero	500	1M/20P/AB	1,750,000	5.4°	5.4°
1,000	120	T20	Mogul Prefocus	C13	Projection	50	DPW	2,700,000	5.6°	5.2°
1,000	120	T20	Mogul Screw	C13	Aero	500	1M/T20AB	1,750,000	5.4°	5.4°
1,000	120	T20	Mogul Screw	C13	Projection	50	DPT	2,700,000	5.6°	5.2°
1,000	120	T20	Medium Prefocus	C13	Projection	50	DRC	2,700,000	3.3°	5.2°
1,500	120	T20	Mogul Bipost	C13D	Projection	25	DTS	4,750,000	4.4°	4.5°
1,500	120	T20	Mogul Prefocus	C13D	Projection	25	DTJ	4,750,000	4.4°	4.5°
1,500	120	G40	Mogul Prefocus	C5	Sptit	200	1500G40/15	1,750,000	10°	7°
1,500	120	G40	Mogul Screw	C5	Sptit	200	1500G40/10	1,750,000	10°	7°
2,000	120	G48	Mogul Bipost	C13	Sptit	200	2M/G48/17	2,750,000	7.4°	6.5°





Dimension Drawings



The Carlisle & Finch Co. 10, 12 and 15 inch All Brass Incandescent Searchlights

Searchlight Lamp Data

DMI #	Ref.	Code	watts	volts	Bulb Size	Base	Description	Filament	Average Hrs. Life	10" Scht.	12" Scht.	15" Scht.
220070	21.5	FDT	100	12	T4	2-Pin Prefocus	Tungsten Halogen	C6	50	765,000	1,170,000	1,750,000
220032	23.01	FDS	150	24	T4	2-Pin Prefocus	Tungsten Halogen	C6	500	935,000	1,380,000	2,030,000
	35	CRX	300	32	T12	Medium Screw	Projection	C13	50	417,000	705,000	1,110,000
219825	46.5	BTM	500	120	T6	Medium Prefocus	Tungsten Halogen	C13D	100	950,000	1,160,000	2,080,000
219887	47	CZX	500	120	T10	Medium Prefocus	Projection	C13D	25	900,000	1,170,000	
219875	48	CZS	500	120	T10	Medium Screw	Projection	C13D	25	900,000	1,170,000	
	49	DLY	500	32	T20	Medium Prefocus	Projection	C13	50	630,000	750,000	
528806	50	DLT	500	32	T20	Medium Screw	Projection	C13	50	630,000	750,000	
219940	51	DMX	500	120	T20	Medium Prefocus	Projection	C13	50	475,000	780,000	
219938	52	DMS	500	120	T20	Medium Screw	Projection	C13	50	475,000	780,000	
220020	53.8	DYS	600	120	G7	2-Pin Prefocus	Tungsten Halogen	CC6	75	**781,000	1,130,000	1,840,000
219899	54.6	DCX	750	120	T20	Medium Screw	Tungsten Halogen	C13D	500	Not Used	1,520,000	2,820,000
	58	DPJ	750	120	T20	Medium Prefocus	Projection	C13D	25	Not Used	1,360,000	3,280,000

Lamps Below to be Used in Vented Drums Only

DMI #	Ref.	Code	watts	volts	Bulb Size	Base	Description	Filament	Average Hrs. Life	10" Scht.	12" Scht.	15" Scht.
219849	68.06	BTR	1,000	120	T7	Medium Prefocus	Tungsten Halogen	C13D	200	Not Used	1,520,000	2,820,000
	70	DRS	1,000	120	T20	Medium Prefocus	Projection	C13D	25	Not Used	1,650,000	3,280,000
220018	80	DRW	1,000	120	T20	Medium Screw	Projection	C13D	25	Not Used	1,650,000	3,130,000

* These lamp manufacturer's figures are relative only. Individual lamps may vary considerably.
** Intermittent duty only (one hour or less).

How to Order Searchlights

Specify size searchlight, type control, type base, type drum, type finish, type lampholder, and give code word or catalog number. Give ordering code and volts of lamp. Specify length of control (measured from bottom of base to centerline of lever or upper wheel) if other than the standard dimensions shown on the dimension drawings. Specify pedestal height (measured from bottom of base to centerline of drum) if different from the standard 48 inches.

Example: 12" searchlights, lever control, standard base, vented drum, enamel finish, medium prefocus lampholder, code RECITE-E2. Special length control 22" base to centerline lever. Two lamps code 54889-0 120 volts.

To designate the specific lampholder desired add one of the following suffixes to the code word or catalog number:

Medium Screw Lampholder	–1
Medium Prefocus Lampholder	–2
Mogul Screw Lampholder	–3
Mogul Bipost Lampholder	–4
2-Pin Prefocus Lampholder	–5

Accessories and Parts

Description	10" Scht. Part #	12" Scht. Part #	15" Scht. Part #
Cover, Protective	SL3322A	SL3322A	SL3322B
Cover Glass	SL62	SL102	SL1085
Gasket, Base, DMC	SL3318B	SL3318B	SL3318B
Gasket, Base, High	SL3318B	SL3318B	SL3318B
Gasket, Base, Pedestal	SL3318C	SL3318C	SL3318C
Gasket, Base, Standard	SL3318A	SL3318B	SL3318B
Lampholder, Med. Pref. **[273918]**	SL1250C	SL1250C	SL1250C
Lampholder, Med. Screw	SL1087-1	SL1087-1	SL1087-1
Lampholder, Mogul Bipost			FE132X
Lampholder, Mogul Screw **[274302]**		SL96X	SL96X
Lampholder, 2-Pin Pref. **[273526]**	8704	8704	8704
Reflector	SL1083A	SL107	SL1084
	[273831]	**[273829]**	**[273843]**

Information and Price On Request

The Carlisle & Finch Co. Searchlight Selection Table

	Type Control	Type Base	Type Drum	Enamel Finish (Scht. Code Word)	Polished Finish (Scht. Code Word)	Chromium Finish (Scht. Code Word)	Net Wt.	Shipping Wt.
10 inch	Local	Standard	Non Vented	RAIN-E	RAIN	CRAIN	15 lbs.	21 lbs.
	Local	High	Non Vented	ROSE-E	ROSE	CROSE	22 lbs.	28 lbs.
	Local	Pedestal	Non Vented	RAJAH-E	RAJAH	CRAJAH	29 lbs.	59 lbs.
	Lever	Standard	Non Vented	REDAN-E	REDAN	CREDAN	19 lbs.	25 lbs.
	Lever	High	Non Vented	REFORM-E	REFORM	CREFORM	27 lbs.	33 lbs.
	Lever	Pedestal	Non Vented	10SL1624XE	10SL1624X	10SL1624XC	34 lbs.	55 lbs.
	Lever-Gear	Standard	Non Vented	10SL8425E	10SL8425P	10SL8425C	22 lbs.	28 lbs.
	Lever-Gear	High	Non Vented	10SL8426E	10SL8426P	10SL8426C	30 lbs.	36 lbs.
	Lever-Gear	Pedestal	Non Vented	10SL8427E	10SL8427P	10SL8427P	37 lbs.	58 lbs.
	Wheel	Standard	Non Vented	RANK-E	RANK	CRANK	19 lbs.	25 lbs.
	Wheel	High	Non Vented	ROPE-E	ROPE	CROPE	27 lbs.	33 lbs.
	Wheel	Pedestal	Non Vented	10SL1620XE	10SL1620X	10SL1620XC	37 lbs.	55 lbs.
	DMC	Standard	Non Vented	10SL200E	10SL200P	10SL200C	32 lbs.	53 lbs.
12 inch	Local	Standard	Non Vented	RAKE-E	RAKE	CRAKE	22 lbs.	31 lbs.
			Vented	RATE-E	RATE	CRATE	22 lbs.	31 lbs.
	Local	High	Non Vented	ROME-E	ROME	CROME	27 lbs.	36 lbs.
			Vented	RUN-E	RUN	CRUN	27 lbs.	36 lbs.
	Local	Pedestal	Non Vented	RETARD-E	RETARD	CRETARD	34 lbs.	64 lbs.
			Vented	12SL1648XE	12SL1648X	12SL1648XC	34 lbs.	64 lbs.
	Lever	Standard	Non Vented	REDEEM-E	REDEEM	CREDEEM	26 lbs.	35 lbs.
			Vented	RECITE-E	RECITE	CRECITE	26 lbs.	35 lbs.
	Lever	High	Non Vented	REFUGE-E	REFUGE	CREFUGE	32 lbs.	41 lbs.
			Vented	RESIN-E	RESIN	CRESIN	32 lbs.	41 lbs.
	Lever	Pedestal	Non Vented	12SL1625XE	12SL1625X	12SL1625XC	39 lbs.	60 lbs.
			Vented	12SL1650XE	12SL1650X	12SL1650XC	39 lbs.	60 lbs.
	Lever-Gear	Standard	Non Vented	12SL8186E	12SL8186P	12SL8186C	29 lbs.	38 lbs.
			Vented	12SL8186VE	12SL8186VP	12SL8186VC	29 lbs.	38 lbs.
	Lever-Gear	High	Non Vented	12SL8410E	12SL8410P	12SL8410C	35 lbs.	44 lbs.
			Vented	12SL8410VE	12SL8410VP	12SL8410VC	35 lbs.	44 lbs.
	Lever-Gear	Pedestal	Non Vented	12SL8428E	12SL8428P	12SL8428C	42 lbs.	63 lbs.
			Vented	12SL8428VE	12SL8428VP	12SL8428VC	42 lbs.	63 lbs.
	Wheel	Standard	Non Vented	RASP-E	RASP	CRASP	26 lbs.	35 lbs.
			Vented	REAR-E	REAR	CREAR	26 lbs.	35 lbs.
	Wheel	High	Non Vented	RUSE-E	RUSE	CRUSE	32 lbs.	41 lbs.
			Vented	RIPE-E	RIPE	CRIPE	32 lbs.	41 lbs.
	Wheel	Pedestal	Non Vented	12SL1621XE	12SL1621X	12SL1621XC	39 lbs.	60 lbs.
			Vented	12SL1649XE	12SL1649X	12SL1649XC	39 lbs.	60 lbs.
	DMC	Standard	Non Vented	12SL201E	12SL201P	12SL201C	37 lbs.	58 lbs.
			Vented	12SL203E	12SL203P	12SL203C	37 lbs.	58 lbs.
15 inch	Local	Standard	Non Vented	REDGUM-E	REDGUM	CREDGUM	39 lbs.	51 lbs.
			Vented	REDGUM-VE	REDGUM-V	CREDGUM-V	39 lbs.	51 lbs.
	Local	High	Non Vented	REEL-E	REEL	CREEL	44 lbs.	56 lbs.
			Vented	REEL-VE	REEL-V	CREEL-V	44 lbs.	56 lbs.
	Local	Pedestal	Non Vented	RONTY-E	RONTY	CRONTY	50 lbs.	80 lbs.
			Vented	RONTY-VE	RONTY-V	CRONTY-V	50 lbs.	80 lbs.
	Lever	Standard	Non Vented	RADIAL-E	RADIAL	CRADIAL	43 lbs.	55 lbs.
			Vented	RADIAL-VE	RADIAL-V	CRADIAL-V	43 lbs.	55 lbs.
	Lever	High	Non Vented	RAINBOW-E	RAINBOW	CRAINBOW	49 lbs.	61 lbs.
			Vented	RAINBOW-VE	RAINBOW-V	CRAINBOW-V	49 lbs.	61 lbs.
	Lever	Pedestal	Non Vented	15SL1626XE	15SL1626X	15SL1626XC	56 lbs.	77 lbs.
			Vented	15SL1626XVE	15SL1626XV	15SL1626XVC	56 lbs.	77 lbs.
	Lever-Gear	Standard	Non Vented	15SL8184E	15SL8184P	15SL8184C	46 lbs.	58 lbs.
			Vented	15SL8184VE	15SL8184VP	15SL8184VC	46 lbs.	58 lbs.
	Lever-Gear	High	Non Vented	15SL8408E	15SL8408P	15SL8408C	52 lbs.	64 lbs.
			Vented	15SL8408VE	15SL8408VP	15SL8408VC	52 lbs.	64 lbs.
	Lever-Gear	Pedestal	Non Vented	15SL8429E	15SL8429P	15SL8429C	59 lbs.	80 lbs.
			Vented	15SL8429VE	15SL8429VP	15SL8429VC	59 lbs.	80 lbs.
	Wheel	Standard	Non Vented	RACKET-E	RACKET	CRACKET	43 lbs.	55 lbs.
			Vented	RACKET-VE	RACKET-V	CRACKET-V	43 lbs.	55 lbs.
	Wheel	High	Non Vented	RABBIT-E	RABBIT	CRABBIT	49 lbs.	61 lbs.
			Vented	RABBIT-VE	RABBIT-V	CRABBIT-V	49 lbs.	61 lbs.
	Wheel	Pedestal	Non Vented	15SL1622XE	15SL1622X	15SL1622XC	56 lbs.	77 lbs.
			Vented	15SL1622XVE	15SL1622XV	15SL1622XVC	56 lbs.	77 lbs.
	DMC	Standard	Non Vented	15SL202E	15SL202	15SL202C	54 lbs.	75 lbs.
			Vented	15SL202VE	15SL202V	15SL202VC	54 lbs.	75 lbs.

The Carlisle & Finch Co. 10, 12 and 15 inch All Brass Incandescent Searchlights



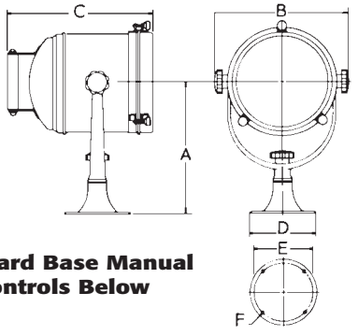
Wheel Control /Standard Base



Local Control /Standard Base

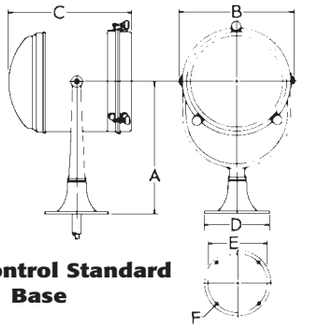


Lever Control /Standard Base



Standard Base Manual Controls Below

Size	A	B	C	D	E	F
10"	12-3/4"	11"	10"	6-3/8"	5-3/8"	11/32"
12"	15-15/16"	13-1/2"	13-1/4"	8-1/4"	7-3/8"	13/32"
15"	19-7/8"	16-3/4"	14-7/8"	8-1/4"	7-3/8"	13/32"

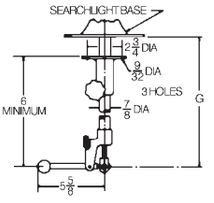


Local Control Standard Base

Size	A	B	C	D	E	F
10"	12-3/4"	13-1/8"	12"	6-3/8"	5-3/8"	11/32"
12"	15-15/16"	15-5/8"	15-1/2"	8-1/4"	7-3/8"	13/32"
15"	19-7/8"	18-7/8"	16-7/8"	8-1/4"	7-3/8"	13/32"

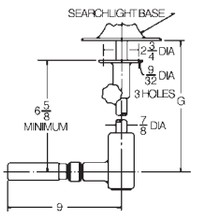
Size	G
10"	11-3/8"
12"	10-7/8"
15"	10-7/8"

Lever Control



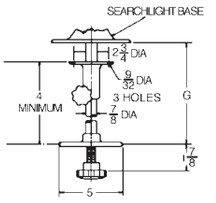
Size	G
10"	11-3/8"
12"	10-7/8"
15"	10-7/8"

Lever-Gear Control



Size	G
10"	9-1/2"
12"	9"
15"	9"

Wheel Control



Other Products • Price On Request

10, 12, 15 inch Distant Electric Control • 19 inch Incandescent Searchlights • 24 inch Searchlights • Xenon Searchlights • Carbon Arc Searchlights • Searchlight Power Supplies • Signaling Searchlights • Marine Floodlights • Navy Searchlights/Navigation Lights • Lighthouse Beacons

The Carlisle & Finch Co. Incandescent Searchlights



The Carlisle & Finch Co. 10" Searchlight with 2-Pin Prefocus Socket
Painted Finish

274489	(REDAN-E-5)	Lever Control	18" Longer than Standard	**$1,533.50 D**
274542	(RANK-E-5)	Wheel Control	12" Longer than Standard	**$1,514.00 D**

Spare Parts for 10" Searchlights

273831	(SL1083A)	Reflector - Diameter 9"	**$247.95 C**



The Carlisle & Finch Co. 12" Searchlight with Medium Prefocus Socket
Painted Finish, Vented Drum

274631	(RECITE-E-2)	Lever Control	18" Longer than Standard	**$2,053.50 D**
274605	(REAR-E-2)	Wheel Control	24" Longer than Standard	**$2,073.00 D**
274592	(REAR-E-2)	Wheel Control	6" Longer than Standard	**$2,014.50 D**

Spare Parts for 12" Searchlights

273690	(9865XV)	Medium Prefocus Socket with Mounting Stand	**$160.00 A**
273829	(SL107)	Reflector - Diameter 10-15/16"	**$274.95 C**

The Carlisle & Finch Co. 15" Searchlight with Medium Prefocus Socket
Painted Finish, Vented Drum

274655	(RACKET-VE-2)	Wheel Control	24" Longer than Standard	**$2,543.00 D**

Spare Parts for 15" Searchlight

273691	(9869XV)	Medium Prefocus Socket with Mounting Stand	**$175.00 A**
273843	(SL1084)	Reflector - Diameter 14-3/16"	**$579.95 C**



The Carlisle & Finch Co. 19" Searchlight with Medium Prefocus Socket
Painted Brass and Stainless Steel Drum

274782	(19SL3794DX)	Lever Control	48" Longer than Standard	**$3,198.20 B**
274681	(REDCOAT-D)	Wheel Control	48" Longer than Standard	**$2,973.20 B**

Spare Parts for 19" Searchlight

273754	(KEF217)	Pinion Gear for Wheel and Lever Gear Controls	**$35.00 A**
273785	(KSL2989)	Miter Gear for Lever Gear Control - Prior 1985	**$51.00 A**
273639	(9686XV)	Conversion Kit for Medium Prefocus Socket (Includes Anti-Halo Rings and Focus Assembly)	**$240.00 A**
273766	(EF240)	Reflector - Diameter 18-1/8"	**$818.95 C**
273970	(SL1461/1455)	Reflector Clamp Assembly 19"	**$9.85 A**

Spare Parts Common to 10", 12" and 15"

274047	(KSL2749)	Pinion Gear for Wheel Control	**$24.50 A**
273969	(SL1937)	Reflector Mounting Clips f/10", 12", 15" Lights, 4 Per Light	**$2.75 A**
273526	(8704)	2-Pin Prefocus Socket Only	**$27.95 A**
273918	(SL1250C)	Medium Prefocus Socket Only	**$42.00 A**
274302	(SL96X)	Mogul Screw Socket Only	**$48.00 A**

The Carlisle & Finch Co. 12 inch Searchlights - Distant Electric Control (DEC)



Specifications

Rugged drive unit is housed in watertight corrosion resistant marine aluminum or brass base as specified. Slip clutches allow manual override at all times, a convenience when relamping. A small heater on drive unit keeps temperature in base housing above ambient to minimize condensation on and in motors.

Powerful motors in weatherproof base direct the penetrating beam with fingertip ease from any distance.

Automatic brakes provide instant start and instant stop with no overtravel.

Complete flexibility in mounting. Searchlight can be controlled from many separate locations.

Motors operate on 110-125 volts, 50-60 hz (cycles).

Rugged construction. Drum, door, and yoke, etc., constructed of solid brass. Base is brass.

Finish. Drum/door, and yoke is white enamel.

Rugged joystick switch controls both motions. No limit to distance between searchlight and joystick. Second, third, fourth, or more joysticks can be added at any time. Just five control conductors and a ground conductor required between searchlight and joystick. Either way, one standard unit is used. No interlocks required. Corrosion resistant and oiltight, the joystick can be mounted almost anywhere.

Uses medium prefocus lampholder. Vented.

274908 (125BEV-2) Includes: 12" Brass Control **$3,400.00 B**

Available in 10", 12" and 15"

Price On Request

Light Bulbs



Medium Screw Bulb - Low Voltage
Sold each.

220150 (S14)	12 volt	5 watts	**$3.95 H**



Medium Screw Bulbs - Low Voltage
Sold each.

220157 (A15)	12 volt	15 watts	**$2.95 H**
220195 (A19)	12 volt	25 watts	**$3.95 H**
220234 (A19)	12 volt	50 watts	**$2.95 H**
220235 (A19)	12 volt	75 watts	**$2.95 H**
220121 (A19)	12 volt	100 watts	**$2.95 H**
220208 (A19)	24 volt	25 watts	**$3.95 H**
220246 (A19)	24 volt	50 watts	**$3.95 H**
220169 (A15)	34 volt	15 watts	**$3.95 H**
220210 (A19)	34 volt	25 watts	**$3.95 H**
220258 (A19)	34 volt	50 watts	**$3.95 H**
220094 (A19)	34 volt	100 watts	**$3.95 H**



Medium Screw Bulbs - 130 Volt

569232 (00329B)	100 watts	Frosted Bulb	**$0.95 A**
569244 (00246D)	60 watts	Frosted Bulb	**$0.95 A**
569248 (00290E)	75 watts	Frosted Bulb	**$0.95 A**
569256 (00108H)	25 watts	Frosted Bulb	**$0.95 A**
569268 (00070E)	15 watts	Frosted Bulb	**$1.95 A**
569304 (00037C)	7.5 S.B. Blue Bulb		**$0.95 A**
569307 (00262B)	60 watts	Yellow "Bug Light" Bulb	**$1.95 A**



Oblong Medium Screw Bulbs
Sold each.

220311 (T10)	120 volt	40 watts	**$1.95 H**
220323 (T10)	130 volt	60 watts	**$2.95 H**



Miniature Bayonet Base Bulb
Sold each. Standard pack 10.

219433 (53)	12 volt	.12 amps	**$4.95 H**



Miniature Bayonet Base Bulbs
Sold each. Standard pack 10.

219445 (57)	14 volt	.12 amps	**$5.95 H**
219786 (1895)	12 volt	.27 amps	**$1.95 H**



Miniature Bayonet Base Bulb
Sold each. Standard pack 10.

219460 (89)	12 volt	.58 amps	**$1.95 H**



Miniature Bayonet Base Bulb
Sold each. Standard pack 10.

219659 (1416)	12 volt	.80 amps	**$1.95 H**



Miniature Bayonet Base Bulbs
Sold each. Standard pack 10.

219724 (1816)	12 volt	.33 amps	**$1.95 H**
219755 (1828)	36 volt	.05 amps	**$1.95 H**
219765 (1850)	6 volt for Guest 461		**$1.95 H**

Miniature Bayonet Base Bulb
Sold each. Standard pack 10.

851091 (1122A-PR2)		**$0.95 E**

Light Bulbs



Double Contact Bayonet Base Bulb
Sold each. Standard pack 10.

219534 (1004) 12.8 volt 15 c.p. **$0.95 H**



Double Contact Bayonet Base Bulbs
Sold each. Standard pack 10.

219457 (68) 13.5 volt 4 c.p. **$1.95 H**
219469 (90) 13 volt 6 c.p. **$1.95 H**
219609 (1224) 32 volt 3.8 c.p. **$2.95 H**
219635 (1252) 28 volt 3 c.p. **$2.95 H**



Double Contact Bayonet Base Bulbs
Sold each. Standard pack 10.

219471 (94) 12.8 volt 15 c.p. **$1.95 H**
219572 (1142) 12.8 volt 21 c.p. **$1.95 H**
219611 (1228) 32 volt 15 c.p. **$3.95 H**

Double Contact Bayonet Base Bulb
Sold each. Standard pack 10.

219800 (90C) 130 volt 15 watts **$4.95 H**



Double Contact Bayonet Indexing Base Bulbs
Sold each. Standard pack 10.

219558 (1034) 12.8 volt 14 watts 32 c.p. **$1.95 H**
219596 (1157) 12.8 volt 14 watts 32 c.p. **$0.95 H**



Single Contact Bayonet Base Bulb
Sold each. Standard pack 10.

219560 (1141) 12.8 volt 18 watts 21 c.p. **$1.95 H**

Aqua Signal Light Bulbs

Aqua Signal Bulb for Series 55 Lights
207464 (90286-1) 120 volt 25 watts **$17.95 G**

Aqua Signal Bulbs for Series 40 and 41 Lights
207363 (90002-7) 12 volt 25 watts **$22.95 G**
207369 (90005-7) 12 volt 10 watts **$22.95 G**



Aqua Signal Bulb for Series 25 Lights
207375 (90200-7) 12 volt 10 watts **$11.95 G**

Aqua Signal Bulb for Series 20 Lights
207387 (90496-7) 12 volt 5 watts 2P **$10.95 G**



Aqua Signal Bayonet Base Bulbs for Series 70 Lights
207514 (90171-1) 24 volt 40 watts **$29.95 G**
207515 (90172-1) 110 volt 60 watts **$33.95 G**
207516 (90173-1) 220 volt 65 watts **$33.95 G**

Light Bulbs and Sealed Beams



Miniature Screw Bulbs
Sold each. Standard pack 10.

219508 (407) 4.9 volt .30 amps **$1.95 H**
219680 (1483) 6 volt .50 amps **$2.95 H**



Miniature Screw Bulb
Sold each. Standard pack 10.

219685 (1487) 14 volt .20 amps **$1.95 H**

Miniature Screw Bulbs
Sold each. Standard pack 10.

219520 (458) 1.2 volt **$2.95 H**
569206 (502) 5.1 volt .15 amps **$0.95 A**
662571 (306) Miniature Pigtails **$2.23 E**



Wedge Base Bulbs
Sold each. Standard pack 10.

219476 (161) 14 volt .19 amps **$1.95 H**
219483 (194) 14 volt .27 amps **$0.95 H**



Sealed Beams
Type: PAR-36. Diameter 4-1/2". Sold each.

220373 (4405) 12 volt 30 watts Spot **$15.95 H**
220385 (4411) 12 volt 35 watts Flood **$9.95 H**
220510 (4700) 13 volt 100 watts Spot/Flood **$29.95 H**
220486 (4546) 4.8 volt .50 amps Lantern **$13.95 H**

Type: PAR-56. Diameter 7". Sold each.

220462 (4543) 12 volt 100 watts Spot **$88.95 H**
413043 (67262-0000) 12 volt 100 watts Spot/Flood **$99.95 F**

Tungsten Halogen Bulbs
Rectangular. 12 volt. 9,900 c.p. Spare bulbs for Jabsco (45900 Series) floodlights.

413562 (45903-0002) 50 watts Dimensions: 3" x 5" **$43.95 F**
413550 (45903-0000) 50 watts Dimensions: 4" x 6" **$60.95 F**

PERKO®

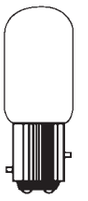
Perko Fig. 374 Double Contact Bayonet Bulbs
Clear. Type T-8, C-8, filament. 30 watts. Length 1-3/8". Sold each. Standard pack 50.



528387 (374 001 CLR) 12 volt **$41.95 H**
528399 (374 002 CLR) 24 volt **$41.95 H**
528402 (374 003 CLR) 32 volt **$41.95 H**
528414 (374 004 CLR) 120 volt **$48.95 H**

PERKO®

Perko Fig. 375
Double Contact Bayonet Indexing Base Bulbs
Sold each.



528503 (375 12V 10W) 12 volt .83 amps **$38.95 H**
528515 (375 12V 25W) 12 volt 2.08 amps **$41.95 H**
528527 (375 24V 25W) 24 volt 1.04 amps **$41.95 H**
528539 (375 32V 25W) 32 volt .78 amps **$51.95 H**

PERKO®

Perko Fig. 342 Medium Prefocus Bulbs
Clear. 120 volt bulbs for 1150 Series and other navigation lights. Sold each. Standard pack 25.



528250 (342 001 CLR) 15 watts **$29.95 E**
528262 (342 002 CLR) 25 watts **$29.95 E**
528274 (342 003 CLR) 40 watts **$29.95 E**
528286 (342 004 CLR) 60 watts **$29.95 E**
528298 (342 RS4 CLR) 60 watts, Rough Service **$44.95 E**

PERKO®



Perko Fig. 338 Wedge Base Bulb
537475 (338 DP2 CLR) **$8.95 H**

PERKO®



Perko Bulbs - Double Ended
Sold 2 per pack. Standard pack 5.

541530 (69 DP CLR) 12 volt 8 c.p. - Fest. Length 1-5/8" **$15.95 H**
541626 (70 DP0 CLR) 12 volt 6 c.p. Length 1-11/16" **$10.95 H**
541739 (71 DP CLR) 12 volt 8 c.p. Length 1-1/8" **$10.95 H**
541638 (70 DP1 CLR) 12 volt 12 c.p. Length 1-11/16" **$10.95 H**
541640 (70 DP2 CLR) 32 volt 12 c.p. Length 1-5/8" **$12.95 H**
541740 (72 DP1 CLR) 24 volt 10 watts Length 1-1/8" **$18.95 H**

Marpac Bulb Display

All Bulbs packed 2 per display package

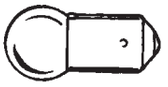


Marpac Bulb Display
This display includes 5 bags of the following:

- 7-3905 (53) Mini Bayonet
- 7-3910 (57) Mini Bayonet
- 7-3915 (67) Single Contact Bayonet Base
- 7-3920 (68) Double Contact Bayonet Base
- 7-3925 (70) Wedge
- 7-3930 (71) Single Contact Bayonet Base
- 7-3936 (90) Double Contact Bayonet Base
- 7-3940 (93) Single Contact Bayonet Base
- 7-3946 (94) Double Contact Bayonet Base
- 7-3950 (194) Wedge
- 7-3955 (211) Festoon
- 7-3960 (212) Festoon
- 7-3966 (1004) Double Contact Bayonet Base
- 7-3970 (1034) Double Contact Bayonet Base
- 7-3975 (1141) Single Contact Bayonet Base
- 7-3986 (1156) Single Contact Bayonet Base
- 7-3990 (1157) Double Contact Bayonet Base
- 7-3995 (1416) Mini Bayonet
- 7-4000 (1895) Mini Bayonet
- 7-4020 (71 DP CLR) Festoon

7-3006 Bulb Display **$342.53 J**

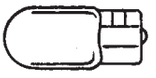
Marpac Light Bulbs



2 Per Pack

Marpac Mini Bayonet Base Bulbs

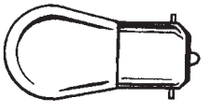
7-3905	(53)	14.4 volts	1.7 watts	**$2.69 L**
7-3910	(57)	14 volts	3.4 watts	**$2.49 L**
7-3995	(1416)	12.8 volts	10.2 watts	**$2.69 L**
7-4000	(1895)	14 volts	3.8 watts	**$6.59 L**



2 Per Pack

Marpac Wedge Base Bulbs

7-3925	(70)	14 volts	2.1 watts	**$3.29 L**
7-3951	(194)	14 volts	3.8 watts	**$2.49 L**



2 Per Pack

Marpac Single Contact Bayonet Base Bulbs

7-3915	(67)	13.5 volts	8 watts	**$2.69 L**
7-3930	(71)	2.2 volts	0.4 watts	**$3.29 L**
7-3940	(93)	12.8 volts	13.3 watts	**$3.09 L**
7-3975	(1141)	12.8 volts	18.4 watts	**$3.09 L**
7-3986	(1156)	12.8 volts	26.9 watts	**$2.49 L**



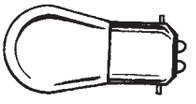
2 Per Pack

Marpac Festoon Bulbs

7-3955	(211)	12.8 volts	12 watts	**$3.09 L**
7-3960	(212)	13.5 volts	10 watts	**$3.09 L**
7-4010	(70 DP1 CLR)	12 volts	15 watts	**$6.59 L**
7-4020	(71 DP CLR)	12 volts	10 watts	**$7.29 L**

Marpac Double Contact Bayonet Base Bulbs

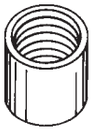
7-3920	(68)	13.5 volts	8 watts	**$3.09 L**
7-3936	(90)	13 volts	7.5 watts	**$2.69 L**
7-3946	(94)	12.8 volts	13.3 watts	**$3.29 L**
7-3966	(1004)	12.8 volts	12 watts	**$3.09 L**
7-3970	(1034)	12.8 volts	23 watts	**$3.09 L**
7-3980	(1142)	12.8 volts	18.4 watts	**$3.29 L**
7-3991	(1157)	12 volts		**$2.49 L**



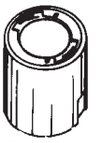
2 Per Pack

All of the Above Items
Sold by Box of 5 Packages Only! • Priced per Display Package of 2 Bulbs

Searchlight Projection Bulbs



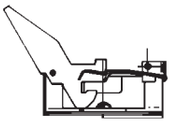
(1) Medium Screw
530458



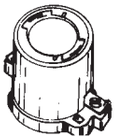
(2) Medium Prefocus
530469



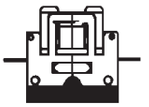
(3) Mogul Screw
530471



(4) 2-Pin Prefocus
530495



(5) Mogul Prefocus



(6) 2-Pin Prefocus
530483

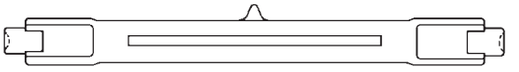
DMI #	MFG. Bulb Code	Voltage	Wattage	Socket Type	Price
219825	BTM	120	500	Medium Prefocus Base (2)	**$53.00 H**
219837	BTP	120	750	Medium Prefocus Base (2)	**$47.95 H**
219849	BTR	120	1,000	Medium Prefocus Base (2)	**$49.95 H**
219851	BVA	120	900	2-Pin Prefocus Base (6)	**$49.95 H**
219887	CZX/DAB	120	500	Medium Prefocus Base (2)	**$46.95 H**
219899	DCX	120	750	Medium Screw Base (1)	**$46.95 H**
528806	DLT	32	500	Medium Screw Base (1)	**$110.95 D**
219938	DMS	120	500	Medium Screw Base (1)	**$38.95 H**
219940	DMX	120	500	Medium Prefocus Base (2)	**$38.95 H**
219976	DPT	120	1,000	Mogul Screw Base (3)	**$57.95 H**
219989	DWK	230	1,000	Medium Prefocus Base (2)	**$58.50 H**
220018	DRW	120	1,000	Mogul Screw Base (3)	**$57.00 H**
220020	DYS	120	600	2-Pin Prefocus Base (4/6)	**$21.00 H**
220032	FDS/DZE	24	150	2-Pin Prefocus Base (4/6)	**$15.95 H**
220070	FDT	12	100	2-Pin Prefocus Base (4/6)	**$15.50 H**

Optronics Replacement Bulbs

Optronics Replacement Bulbs

523316 (BB-4000)	For BlueEye Spotlight (KB-4001)	**$27.95 F**
523340 (A-700)	For Illuma-Light Spotlight (PH-101)	**$3.95 F**

Tungsten Halogen Quartz Bulbs



Tungsten Halogen Quartz Bulbs

Sold each.

219813	(1000224)	130 volt	500 watts	**$5.95 H**
413613	(1000719)	12 volt	150 watts	**$18.95 G**
413637	(1000779)	32 volt	300 watts	**$26.95 F**

Fluorescent Bulbs

NEW BULBS



Fluorescent Bulbs

Sold each.

378490 (F8T5CW)	Length 1'	12 volt	**$7.95 G**
569117 (F20CW)	Length 2'	120 volt	**$3.95 A**
569105 (F40T12)	Length 4'	120 volt	**$2.95 A**
569106 (F17T8)	Length 2'	17 watts	**$3.95 A**
569107 (F32T8)	Length 4'	32 watts	**$3.95 A**

Perko Fig. 290 Electric Adapter

PERKO®



Perko Fig. 290 Electric Adapter
Brass, spring type for double ended bulbs. Opening light ID 3-3/16". Overall OD 4-1/2".

529529 (290 F03) **$60.95 E**

Perko Sockets

PERKO®



Perko Fig. 346 Medium Screw Socket
Internal thread. 3/8" IPS.

529668 (346 002 MED) **$4.95 A**

PERKO®



Perko Fig. 347 Medium Prefocus Socket
Phenolic. 250 volts. 1,000 watts. Includes: Metal mounting cap tapped for 3/8" IPS. Overall height 1-7/8". Overall diameter 1-1/2".

529404 (347 A00 MED) **$52.95 E**

PERKO®



Perko Fig. 52 Double Contact Bayonet Socket
Brass. With 6" wire leads. Overall length 1".

540131 (52 DP) **$14.95 H**

PERKO®



Perko Fig. 303
Dual Medium Prefocus Socket Assembly
Phenolic. 250 volts. 1,000 watts. Plug in type. Prewired with two medium prefocus sockets. For use in 1164 Series double lens lights. Overall height 3-7/8". Overall width 3-7/8".

529428 (303) **$198.95 E**
529430 (303 A00) Male Plug Only **$13.95 D**
529442 (303 B00) Female Socket Only **$11.95 D**

PERKO®



Perko Fig. 24 Double Contact Bayonet Sockets
Black plastic body and brass spring. OD 3/4". Pigtail length 10"

535976 (24 DP1) **$7.95 H**

PERKO®



Perko Fig. 276 Double Contact Bayonet Socket
Brass. With 6" wire leads. Tapped for 1/8" pipe. Overall length 2".

529644 (276 002) **$9.95 E**

Perko Fig. 1087 Socket for Vaporproof Lighting Fixture
Satin finish die cast aluminum with glass globes. Integral junction box with four 1/2" IPS fittings. UL Marine type accepted. Box OD 3-3/4". Medium screw socket for bulbs up to 100 watts. Uses 1/4 bolt. **Bulb not included.**

531790 (1087 000 99B) **$27.95 E**

Marpac Tinned Copper Marine Primary Wire

Marpac Tinned Copper Marine Primary Wire

7-4115	16 AWG	Black	Length 30'	**$15.95 L**
7-4120	16 AWG	Green	Length 30'	**$15.95 L**
7-4125	16 AWG	Red	Length 30'	**$15.95 L**
7-4127	16 AWG	Purple	Length 25'	**$10.99 L**
7-4130	16 AWG	White	Length 30'	**$15.95 L**
7-4135	14 AWG	Black	Length 20'	**$15.95 L**
7-4140	14 AWG	Green	Length 20'	**$15.95 L**
7-4145	14 AWG	Red	Length 20'	**$15.95 L**
7-4150	14 AWG	White	Length 20'	**$15.95 L**
7-4155	12 AWG	Black	Length 15'	**$15.95 L**
7-4160	12 AWG	Green	Length 15'	**$15.95 L**
7-4165	12 AWG	Red	Length 15'	**$15.95 L**
7-4166	12 AWG	Brown	Length 12'	**$10.95 L**
7-4170	12 AWG	White	Length 15'	**$15.95 L**
7-4175	10 AWG	Black	Length 10'	**$15.95 L**
7-4180	10 AWG	Green	Length 10'	**$15.95 L**
7-4185	10 AWG	Red	Length 10'	**$15.95 L**
7-4186	10 AWG	Brown	Length 8'	**$10.99 L**
7-4190	10 AWG	White	Length 10'	**$15.95 L**

Sold by Box of 5 Packages Only! Priced per Display Package

Marpac Tinned Wire Display

This display includes 5 packages of the following:

7-4113	18 AWG	Black Tinned Copper Wire	Length 35′
7-4114	18 AWG	Red Tinned Copper Wire	Length 35′
7-4115	16 AWG	Black Tinned Copper Wire	Length 25′
7-4125	16 AWG	Red Tinned Copper Wire	Length 25′
7-4126	16 AWG	Brown Tinned Copper Wire	Length 25′
7-4127	16 AWG	Purple Tinned Copper Wire	Length 25′
7-4145	14 AWG	Red Tinned Copper Wire	Length 18′
7-4135	14 AWG	Black Tinned Copper Wire	Length 18′
7-4170	12 AWG	Black Tinned Copper Wire	Length 12′
7-4165	12 AWG	Red Tinned Copper Wire	Length 12′
7-4166	12 AWG	Brown Tinned Copper Wire	Length 12′
7-4167	12 AWG	Purple Tinned Copper Wire	Length 12′
7-4175	10 AWG	Black Tinned Copper Wire	Length 8′
7-4185	10 AWG	Red Tinned Copper Wire	Length 8′
7-4186	10 AWG	Brown Tinned Copper Wire	Length 8′
7-4192	18/2	Clear Speaker Wire	Length 35′
7-4193	16/2	Clear Speaker Wire	Length 15′

7-3013 **$1,121.36 L**

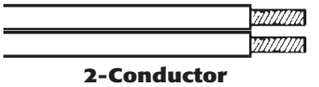
Marpac Primary Wire - 100' Spools



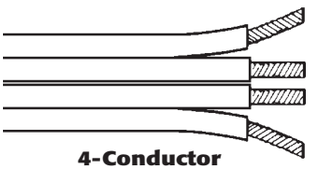
Marpac Plastic Primary Wire - Single Conductor

USCG accepted primary single conductor wire: SAE, GPT 105° C, meets SAE J378C and J1128. Acceptable for engine room use. Tinned copper. Sold in 100' spools only.

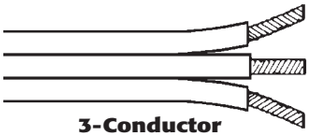
7-4358	8 Gauge	Green	**Note:** Not Tinned	**$133.95 H**
7-4356	8 Gauge	Red	**Note:** Not Tinned	**$133.95 H**
7-4354	8 Gauge	Black	**Note:** Not Tinned	**$133.95 H**
7-4350	10 Gauge	Green		**$84.95 H**
7-4348	10 Gauge	White		**$84.95 H**
7-4346	10 Gauge	Red		**$84.95 H**
7-4344	10 Gauge	Black		**$82.95 H**
7-4340	12 Gauge	Green		**$56.95 H**
7-4338	12 Gauge	White		**$56.95 H**
7-4336	12 Gauge	Red		**$56.95 H**
7-4334	12 Gauge	Black		**$56.95 H**
7-4328	14 Gauge	Pink		**$39.95 H**
7-4326	14 Gauge	Dark Blue		**$39.95 H**
7-4324	14 Gauge	Light Blue		**$39.95 H**
7-4322	14 Gauge	Orange		**$39.95 H**
7-4320	14 Gauge	Brown		**$39.95 H**
7-4318	14 Gauge	Yellow		**$39.95 H**
7-4316	14 Gauge	Green		**$39.95 H**
7-4314	14 Gauge	White		**$39.95 H**
7-4312	14 Gauge	Red		**$39.95 H**
7-4310	14 Gauge	Black		**$39.95 H**
7-4306	16 Gauge	Green		**$27.95 H**
7-4304	16 Gauge	White		**$27.95 H**
7-4302	16 Gauge	Red		**$27.95 H**
7-4300	16 Gauge	Black		**$27.95 H**



2-Conductor Red/Black



4-Conductor Green/Yellow/Brown/ White



3-Conductor Green/Yellow/Brown

Marpac Bonded Parallel Plastic Primary Wire

2-Conductor

7-4390	10 Gauge	Length 100′	**$242.95 L**
7-4388	12 Gauge	Length 100′	**$159.95 L**
7-4386	14 Gauge	Length 100′	**$76.95 H**
7-4382	16 Gauge	Length 100′	**$57.95 H**
7-4384	16 Gauge	Length 500′	**$258.95 H**
7-4380	18 Gauge	Length 100′	**$39.95 H**

3-Conductor

7-4394	14 Gauge	Length 100′	**$118.95 H**
7-4392	16 Gauge	Length 100′	**$76.95 H**

4-Conductor

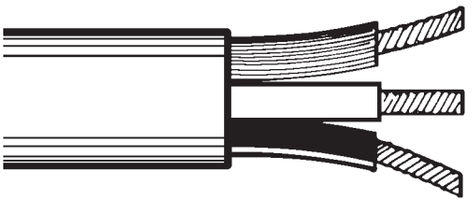
7-4400	14 Gauge	Length 100′	**$140.95 H**
7-4398	16 Gauge	Length 100′	**$96.95 H**
7-4396	18 Gauge	Length 100′	**$70.95 H**

Marpac Boat Cable



Marpac Boat Cable - Duplex
Heavy duty, plastic jacket with black and white SAE Type GPT conductors. Tinned copper.

7-4370	10 Gauge	100' Spool	**$213.95 H 2L**
7-4368	12 Gauge	100' Spool	**$132.95 H 2L**
7-4366	14 Gauge	100' Spool	**$100.95 H 2L**
7-4364	16 Gauge	100' Spool	**$79.95 H 2L**



Marpac Boat Cable - Triplex
Three conductor jacketed cable, pre-tinned for corrosion protection. 600 volt cable with temperature rating of 105° C. White, flame-retardant polyvinyl chloride jacket with insulated stranded conductors for greater flexibility and safety. USCG and UL #E73239 accepted.

7-4376	10 Gauge	100' Spool	**$273.95 H 2L**
7-4374	12 Gauge	100' Spool	**$192.95 H 2L**
7-4372	14 Gauge	100' Spool	**$141.95 H 2L**

Marpac Starter Cable



105° plastic jacketed.
Bare copper conductor.

DMI #	Size	Color	Length	Price
7-4436	2/0 Gauge	Black	100'	**$927.95 H 2L**
7-4432	2/0 Gauge	Black	25'	**$244.95 H 2L**
7-4434	2/0 Gauge	Red	100'	**$927.95 H 2L**
7-4430	2/0 Gauge	Red	25'	**$244.95 H 2L**
7-4428	1 Gauge	Black	25'	**$148.95 H 2L**
7-4426	1 Gauge	Red	25'	**$148.95 H 2L**
7-4424	2 Gauge	Black	100'	**$460.95 H 2L**
7-4420	2 Gauge	Black	25'	**$124.95 H 2L**
7-4422	2 Gauge	Red	100'	**$469.95 H 2L**
7-4418	2 Gauge	Red	25'	**$124.95 H 2L**
7-4416	4 Gauge	Black	100'	**$307.95 H 2L**
7-4412	4 Gauge	Black	25'	**$83.95 H 2L**
7-4414	4 Gauge	Red	100'	**$307.95 H 2L**
7-4410	4 Gauge	Red	25'	**$83.95 H 2L**
7-4408	6 Gauge	Black	100'	**$211.95 H 2L**
7-4406	6 Gauge	Red	100'	**$211.95 H 2L**

Battery Cables



Ancor Tinned Battery Cable
Marine grade battery cable exceeds all UL 1426, USCG charter boat (CFR Title 46) and ABYC standards. Ultra flexible (Type 3) stranding resists salt water, battery acid, oil, gasoline and ultra violet radiation is rated at 600 volts and 105 degrees centigrade. Heavy duty insulation resistant to heat and abrasion.

211538	6 Gauge	Red	Length 50'	**$132.95 H**
211540	6 Gauge	Black	Length 50'	**$132.95 H**
211413	4 Gauge	Red	Length 50'	**$186.95 H**
211425	4 Gauge	Black	Length 50'	**$186.95 H**
211437	4 Gauge	Red	Length 100'	**$363.95 H**
211449	4 Gauge	Black	Length 100'	**$363.95 H**
211451	2 Gauge	Red	Length 50'	**$296.95 H**
211463	2 Gauge	Black	Length 50'	**$296.95 H**
211475	1 Gauge	Red	Length 50'	**$374.95 H**
211487	1 Gauge	Black	Length 50'	**$374.95 H**
211499	1/0 Gauge	Red	Length 50'	**$441.95 H**
211502	1/0 Gauge	Black	Length 50'	**$441.95 H**
211514	2/0 Gauge	Red	Length 50'	**$542.95 H**
211526	2/0 Gauge	Black	Length 50'	**$542.95 H**



Marpac Premade Tinned Copper Battery Cable

7-4055	4 AWG x 24	Black	**$16.95 L**
7-4060	4 AWG x 24	Red	**$16.95 L**
7-4065	4 AWG x 36	Black	**$20.95 L**
7-4070	4 AWG x 36	Red	**$20.95 L**
7-4075	4 AWG x 48	Black	**$23.95 L**
7-4080	4 AWG x 48	Red	**$23.95 L**
7-4085	2 AWG x 48	Black	**$34.95 L**
7-4090	2 AWG x 48	Red	**$34.95 L**
7-4095	2 AWG x 60	Black	**$40.95 L**
7-4100	2 AWG x 60	Red	**$40.95 L**
7-4105	2 AWG x 72	Black	**$47.95 L**
7-4110	2 AWG x 72	Red	**$47.95 L**

Marpac Black Heat Shrink Tubing
Diameter 1/2". Length 3". Double wall 8 AWG to 4 AWG. 2 pieces red, 1 piece black per card. Sold 5 bags per card

7-4040 **$4.99 L**



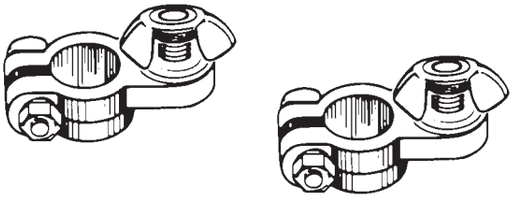
Marpac Tinned Copper Lugs



Marpac Tinned Copper Lugs
Sold 2 per display package.

7-3450	8 AWG	#1/4	**$2.19 L**
7-3455	8 AWG	#5/16	**$2.19 L**
7-3460	8 AWG	#3/8	**$2.69 L**
7-3465	6 AWG	#1/8	**$2.69 L**
7-3470	6 AWG	#1/4	**$2.69 L**
7-3475	6 AWG	#5/16	**$2.69 L**
7-3480	6 AWG	#3/8	**$3.29 L**
7-3490	4 AWG	#5/16	**$3.29 L**
7-3500	4 AWG	#3/8	**$3.29 L**
7-3510	2 AWG	#5/8	**$3.99 L**
7-3520	2 AWG	#3/8	**$4.39 L**
7-3525	1 AWG	#5/16	**$3.99 L**
7-3530	1 AWG	#3/8	**$4.39 L**
7-3535	1/0 AWG	#5/16	**$4.39 L**
7-3540	1/0 AWG	#3/8	**$4.39 L**
7-3545	1/0 AWG	#1/8	**$4.99 L**
7-3550	2/0 AWG	#1/4	**$4.69 L**
7-3555	2/0 AWG	#5/16	**$5.69 L**
7-3560	2/0 AWG	#3/8	**$5.69 L**
7-3565	2/0 AWG	#1/8	**$5.69 L**
7-3570	4/0 AWG	#3/8	**$8.19 L**
7-3575	4/0 AWG	#1/2	**$8.79 L**

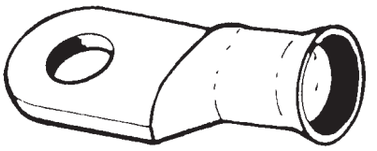
Battery Terminals



Battery Terminals
Lead terminals with wing nut. For marine use. Sold per pair skin packed: 1 positive and 1 negative.

277875 (00354) **$4.95 H 6L**

Heavy Duty Flared Lugs



Solid copper.
Not Tinned
Sold each.

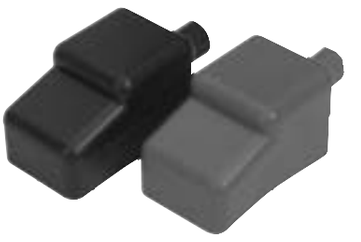
Heavy Duty Flared Lugs

277687	(5382)	Stud Size 5/16"	4 Gauge	**$0.95 H 25L**
277699	(5326)	Stud Size 3/8"	6 Gauge	**$0.95 H 25L**
277702	(5327)	Stud Size 3/8"	4 Gauge	**$0.95 H 25L**
277714	(5329)	Stud Size 3/8"	2 Gauge	**$1.95 H 25L**
277726	(5331)	Stud Size 3/8"	1 Gauge	**$1.95 H 25L**
277738	(5333)	Stud Size 3/8"	1/0 Gauge	**$1.95 H 25L**
277773	(5335)	Stud Size 3/8"	2/0 Gauge	**$1.95 H 25L**
277777	(5339)	Stud Size 3/8"	4/0 Gauge	**$2.95 H 25L**
277779	(5330)	Stud Size 1/2"	2 Gauge	**$1.95 H 25L**
277790	(5332)	Stud Size 1/2"	1 Gauge	**$1.95 H 25L**
277780	(5334)	Stud Size 1/2"	1/0 Gauge	**$1.95 H 25L**
277815	(5336)	Stud Size 1/2"	2/0 Gauge	**$1.95 H 25L**
479914	(5338)	Stud Size 1/2"	3/0 Gauge	**$1.95 H 25J 50L**
277775	(5340)	Stud Size 1/2"	4/0 Gauge	**$2.95 H 25L**



Marpac Battery Terminal Guards
Sold per pair per package.

7-4195	For 2 AWG Battery Cable	**$4.39 L**
7-4200	For 4 AWG Battery Cable	**$4.39 L**



Moeller Battery Terminal Covers
Battery terminal covers meets USCG and BIA safety regulations for anti-short protection. The flexible PVC covers will accept up to 1/2" OD cable. One black cover and one red cover. Sold per pair per clamshell package. Standard pack 12.

487505 (99078-10) **$5.95 E**

Blue Sea Systems Mini Clamp Multimeter

BLUE SEA SYSTEMS

NEW ITEM



Blue Sea Systems Mini Clamp Multimeter
Clamp allows measurement of AC and DC current in wires without disturbing the circuits or contacting live terminals. Auto range simplifies operation: 0.01-400 Amps, 0.001-600 Volts. Auto power-off selection. True RMS - required for accurate measurement of inverter output. Large digital display makes reading measurements easy. Data hold. Test leads included with meter.

379277 (8110) **$212.95 F**

Mini Pocket Butane Torch



Mini Pocket Butane Torch
A refillable butane torch weighs only 2.5 oz. 4-3/8" H x 1-7/8" diameter with a wind resistant burner that burns at a hot temp of 2370° F (1299° C).

211552 **$28.95 H**

Electrical Cleaners

PENRAY



Penray Electric Motor Cleaner
Safe, non-flammable cleaning agent for electrical system parts. Evaporation is quick, leaving no residue. Extension tube is included for more exaction spray pattern.

604327 (7014) 19 oz. **$4.95 G**

CRC



CRC Battery Cleaner
Neutralizes acid spills. Cleans terminals, cables, cases, connectors, hold-downs, carriers. Helps prevent corrosion. Assures maximum battery current and promotes longer life.

290433 (06023) 11 oz. **$2.95 F**

CRC



CRC Battery Terminal Protector
Prolongs battery life. Lead-free protective coating prevents battery terminal corrosion. Assures easier starting. Use to protect hold-downs, bolts, brackets and terminals.

290445 (06046) 7.5 oz. **$4.95 F**

AMT Bulk Electrical Insulated Solderless Connectors



AMT Electrical Spade Terminals - 100 Per Bag

479623 (10223) 12-10 Gauge	Yellow	#10		**$30.95 L**
479421 (10200) 16-14 Gauge	Blue	#10		**$23.95 L**
479419 (10199) 16-14 Gauge	Blue	#8		**$22.95 L**
479279 (10179) 22-18 Gauge	Red	#10		**$19.95 L**



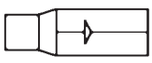
AMT Electrical Butt Connectors

479899 (10309) 6 Gauge	Blue	25 Per Bag		**$40.95 L**
479801 (10289) 8 Gauge	Red	25 Per Bag		**$22.95 L**
479700 (10228) 12-10 Gauge	Yellow	100 Per Bag		**$36.95 L**
479508 (10207) 16-14 Gauge	Blue	100 Per Bag		**$15.95 L**
479320 (10183) 22-18 Gauge	Red	100 Per Bag		**$16.95 L**



AMT Electrical .250 Quick Disconnects - 100 Per Bag

479647 (10243) 12-10 Gauge	Yellow	Male		**$27.95 L**
479659 (10244) 12-10 Gauge	Yellow	Female		**$10.95 L**
479445 (10239) 16-14 Gauge	Blue	Male		**$15.85 L**
479457 (10240) 16-14 Gauge	Blue	Female		**$16.95 L**



479471

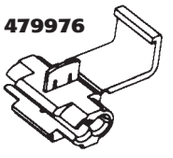


479469

AMT Electrical .157 Bullet Connectors - 100 Per Bag

479469 (10241) 16-14 Gauge	Blue		**$22.95 L**
479471 (10254) 16-14 Gauge - Receptacle	Blue		**$22.95 H 300K**

AMT Electrical Quick Splices



479976

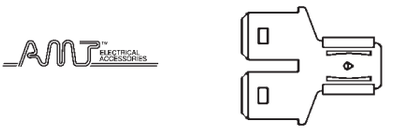
AMT Electrical Quick Splices - 100 Per Bag

479964 (11500) Blue	18-14 Gauge		**$21.95 L**
479976 (11501) White	18-14 Gauge		**$21.95 L**



AMT Electrical Ring Terminals

479938 (10341) 4 Gauge	Yellow	5/16"	25 Per Bag		**$36.95 L**
479887 (10303) 6 Gauge	Blue	1/2"	25 Per Bag		**$30.95 L**
479875 (10302) 6 Gauge	Blue	3/8"	25 Per Bag		**$25.95 L**
479863 (10301) 6 Gauge	Blue	5/16"	25 Per Bag		**$26.95 L**
479851 (10300) 6 Gauge	Blue	1/4"	25 Per Bag		**$13.95 L**
479798 (10294) 8 Gauge	Red	1/2 "	25 Per Bag		**$28.95 L**
479786 (10293) 8 Gauge	Red	3/8"	25 Per Bag		**$18.95 L**
479774 (10292) 8 Gauge	Red	5/16"	25 Per Bag		**$16.95 L**
479762 (10291) 8 Gauge	Red	1/4"	25 Per Bag		**$16.95 L**
479750 (10290) 8 Gauge	Red	#10	25 Per Bag		**$15.95 L**
479609 (10216) 10 Gauge	Yellow	1/2"	100 Per Bag		**$42.95 L**
479596 (10215) 10 Gauge	Yellow	3/8"	100 Per Bag		**$35.95 L**
479584 (10214) 10 Gauge	Yellow	5/16"	100 Per Bag		**$25.95 L**
479572 (10213) 10 Gauge	Yellow	1/4"	100 Per Bag		**$28.95 L**
479560 (10212) 10 Gauge	Yellow	#10	100 Per Bag		**$27.95 L**
479407 (10191) 14 Gauge	Blue	3/8"	100 Per Bag		**$31.95 L**
479394 (10190) 14 Gauge	Blue	5/16"	100 Per Bag		**$13.95 L**
479382 (10189) 14 Gauge	Blue	1/4"	100 Per Bag		**$22.95 L**
479370 (10188) 14 Gauge	Blue	#10	100 Per Bag		**$9.95 L**
479368 (10187) 14 Gauge	Blue	#8	100 Per Bag		**$18.95 L**
479243 (10169) 22-18 Gauge	Red	5/16"	100 Per Bag		**$23.95 L**
479231 (10168) 22-18 Gauge	Red	1/4"	100 Per Bag		**$11.95 L**
479229 (10167) 22-18 Gauge	Red	#10	100 Per Bag		**$15.95 L**
479217 (10166) 22-18 Gauge	Red	#8	100 Per Bag		**$15.95 L**



AMT Electrical Tab Adapter - 100 Per Bag

Converts one .250 x .032 male tab to two male tabs.

479510 (10270) **$23.95 L**



AMT Electrical Heat Shrink Connectors - 25 Per Bag

These connectors provide a rugged connection that will insulate, seal & protect joints from abrasion, water, salt and other corrosive compounds. No special tools are required. Simply heat the insulation and the adhesive will melt and flow filling any existing voids and creating an all-weather seal.

479990 (11702-25) 22-18 Gauge	#10 Ring		**$21.95 L**
480018 (11708-25) 22-18 Gauge	Butt Connector		**$30.95 L**
480020 (11712-25) 16-14 Gauge	#10 Ring		**$22.95 L**
480032 (11718-25) 16-14 Gauge	#10 Spade		**$22.95 L**
480044 (11720-25) 16-14 Gauge	Butt Connector		**$30.95 L**
480056 (11732-25) 12-10 Gauge	#10 Ring		**$28.95 L**
480068 (11739-25) 12-10 Gauge	#10 Spade		**$28.95 L**
480070 (11742-25) 12-10 Gauge	Butt Connector		**$30.95 L**

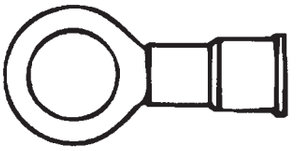
Marpac Display Packaged Vinyl Insulated Terminals

Sold by Box of 5 Packages Only! • Priced Per Package



Marpac Vinyl Butt Connectors

7-3110	22-18 AWG	Red	Qty. Per Package 6	**$2.49 L**
7-3115	16-14 AWG	Blue	Qty. Per Package 6	**$2.49 L**
7-3120	12-10 AWG	Yellow	Qty. Per Package 6	**$2.49 L**



Marpac Vinyl Ring Tongues

7-3125	22-18 AWG - #6	Red	Qty. Per Package 7	**$2.49 L**
7-3130	22-18 AWG - #8	Red	Qty. Per Package 7	**$2.49 L**
7-3135	22-18 AWG - #10	Red	Qty. Per Package 7	**$2.49 L**
7-3140	16-14 AWG - #6	Blue	Qty. Per Package 7	**$2.49 L**
7-3145	16-14 AWG - #8	Blue	Qty. Per Package 7	**$2.49 L**
7-3150	16-14 AWG - #10	Blue	Qty. Per Package 7	**$2.49 L**
7-3155	16-14 AWG - #1/4	Blue	Qty. Per Package 6	**$2.49 L**
7-3165	16-14 AWG - #3/8	Blue	Qty. Per Package 5	**$2.49 L**
7-3170	12-10 AWG - #10	Yellow	Qty. Per Package 6	**$2.49 L**
7-3175	12-10 AWG - #1/4	Yellow	Qty. Per Package 5	**$2.49 L**
7-3180	12-10 AWG - #5/16	Yellow	Qty. Per Package 5	**$2.49 L**
7-3185	12-10 AWG - #3/8	Yellow	Qty. Per Package 5	**$2.49 L**



Marpac 96 Vinyl Electrical Terminal Kit

Kit contains 96 pieces in a closable plastic case:

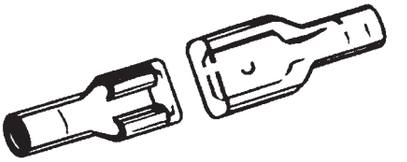
- (15) 7-3110 - 22-18 AWG Butt Connectors
- (30) 7-3115 - 16-14 AWG Butt Connectors
- (6) 7-3120 - 12-10 AWG Butt Connectors
- (6) 7-3135 - 22-18 AWG #10 Ring Tongue Terminals
- (8) 7-3150 - 16-14 AWG #10 Ring Tongue Terminals
- (5) 16-14 AWG 5/16 Ring Tongue Terminals
- (5) 7-3170 - 12-10 AWG #10 Ring Tongue Terminals
- (6) 7-3185 - 12-10 AWG 3/8 Ring Tongue Terminals
- (2) 8 AWG 3/8 Ring Tongue Terminals
- (3) 7-3215 - 16-14 AWG Male Quick Disconnects
- (3) 7-3220 - 16-14 AWG Female Quick Disconnects
- (2) 7-3245 - 16-14 AWG Bullet Connector Plugs
- (2) 7-3250 - 16-14 AWG Bullet Connector Receptacles
- (3) 7-3235 - 14-16 Scotch Locks

7-4205 **$17.39 L**



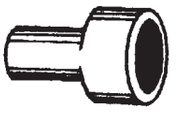
Marpac Vinyl Spade Forks

7-3190	22-18 AWG - #10	Red	Qty. Per Package 7	**$2.49 L**
7-3195	16-14 AWG - #10	Blue	Qty. Per Package 7	**$2.49 L**
7-3200	12-10 AWG - #10	Yellow	Qty. Per Package 6	**$2.49 L**



Marpac Vinyl Quick Disconnects - Fully Insulated

7-3205	22-18 AWG - Male	Red	Qty. Per Package 4	**$2.49 L**
7-3210	22-18 AWG - Female	Red	Qty. Per Package 4	**$2.49 L**
7-3215	16-14 AWG - Male	Blue	Qty. Per Package 4	**$2.49 L**
7-3220	16-14 AWG - Female	Blue	Qty. Per Package 4	**$2.49 L**
7-3225	12-10 AWG - Male	Yellow	Qty. Per Package 4	**$2.49 L**
7-3230	12-10 AWG - Female	Yellow	Qty. Per Package 4	**$2.49 L**



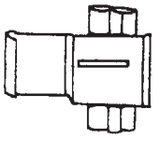
Marpac Vinyl Closed End Connectors

7-3255	22-14 AWG	Qty. Per Package 9	**$2.49 L**
7-3260	18-10 AWG	Qty. Per Package 8	**$2.49 L**



Marpac Vinyl Bullet Connectors

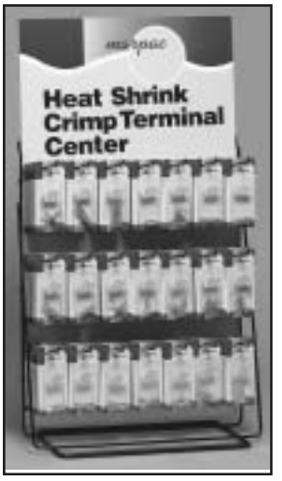
7-3245	16-14 AWG	Plug	Qty. Per Package 7	**$2.49 L**
7-3250	16-14 AWG	Receptacle	Qty. Per Package 4	**$2.49 L**



Marpac Vinyl Scotch Locks

7-3235	14-18 AWG	Blue	Qty. Per Package 3	**$2.49 L**
7-3240	12-10 AWG	Yellow	Qty. Per Package 3	**$3.09 L**

Marpac Heat Shrink Crimp Terminal Display



Marpac Heat Shrink Crimp Terminal Display

This display includes 5 packages of the following:

- 7-3290 - Butt Connectors - 22-18 AWG
- 7-3300 - Butt Connectors - 16-14 AWG
- 7-3310 - Butt Connectors - 12-10 AWG
- 7-3395 - Quick Disconnect - 22-18 AWG Male
- 7-3400 - Quick Disconnect - 22-18 AWG Female
- 7-3405 - Quick Disconnect - 16-14 AWG Male
- 7-3410 - Quick Disconnect - 16-14 AWG Female
- 7-3415 - Quick Disconnect - 12-10 AWG Male
- 7-3420 - Quick Disconnect - 12-10 AWG Female
- 7-3320 - Ring Tongue - 22-18 AWG #10
- 7-3325 - Ring Tongue - 22-18 AWG #1/4
- 7-3335 - Ring Tongue - 16-14 AWG #8
- 7-3345 - Ring Tongue - 16-14 AWG #10
- 7-3350 - Ring Tongue - 16-14 AWG #1/4
- 7-3355 - Ring Tongue - 16-14 AWG #5/16
- 7-3365 - Ring Tongue - 16-14 AWG #3/8
- 7-3370 - Ring Tongue - 12-10 AWG #10
- 7-3375 - Ring Tongue - 12-10 AWG #1/4
- 7-3385 - Ring Tongue - 12-10 AWG #3/8

7-3004 **$334.89 K**

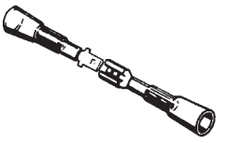
Marpac Heat Shrink Crimp Terminals



Marpac Heat Shrink Butt Connectors

Sold 2 per package. Mini-Blister - 5 per box.

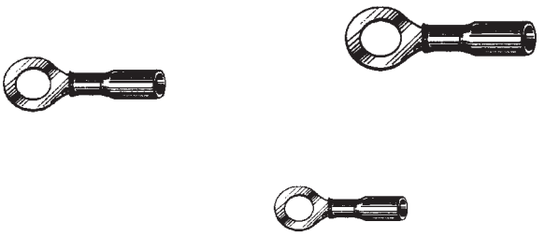
7-3290	22-18 AWG	Red	**$3.09 L**
7-3300	16-14 AWG	Blue	**$3.09 L**
7-3310	12-10 AWG	Yellow	**$3.09 L**



Marpac Heat Shrink Quick Disconnects - Insulated

Sold 2 per package. Mini-Blister - 5 per box.

7-3395	22-18 AWG - Male	Red	**$3.99 L**
7-3400	22-18 AWG - Female	Red	**$3.99 L**
7-3405	16-14 AWG - Male	Blue	**$3.99 L**
7-3410	16-14 AWG - Female	Blue	**$3.99 L**
7-3415	12-10 AWG - Male	Yellow	**$3.99 L**
7-3420	12-10 AWG - Female	Yellow	**$3.99 L**



Marpac Heat Shrink Ring Tongues

Sold 2 per package, except for 7-3325 (Sold 4 per package) Mini-Blister - 5 per box.

7-3320	22-18 AWG - #10	Red	**$3.09 L**
7-3325	22-18 AWG - #1/4	Red	**$3.09 L**
7-3335	16-14 AWG - #8	Blue	**$3.09 L**
7-3345	16-14 AWG - #10	Blue	**$3.09 L**
7-3350	16-14 AWG - #1/4	Blue	**$3.09 L**
7-3355	16-14 AWG - #5/16	Blue	**$3.09 L**
7-3365	16-14 AWG - #3/8	Blue	**$3.09 L**
7-3370	12-10 AWG - #10	Yellow	**$3.99 L**
7-3375	12-10 AWG - #1/4	Yellow	**$3.99 L**
7-3385	12-10 AWG - #3/8	Yellow	**$3.99 L**
7-3390	12-10 AWG - #1/2	Yellow	**$3.99 L**
7-3425	12-10 AWG - #5/16	Yellow	**$3.99 L**

Sold by Box of 5 Packages Only! Priced per Package

Marpac 80 Item Electrical Display

Marpac 80 Item Electrical Display

This display includes the following:

- (5) 7-3110 - Butt Connectors - 22-18 AWG
- (5) 7-3115 - Butt Connectors - 16-14 AWG
- (5) 7-3120 - Butt Connectors - 12-10 AWG
- (5) 7-3125 - Ring Tongue - 22-18 AWG #6
- (5) 7-3130 - Ring Tongue - 22-18 AWG #8
- (5) 7-3135 - Ring Tongue - 22-18 AWG #10
- (5) 7-3140 - Ring Tongue - 16-14 AWG #6
- (5) 7-3145 - Ring Tongue - 16-14 AWG #8
- (5) 7-3150 - Ring Tongue - 16-14 AWG #10
- (5) 7-3155 - Ring Tongue - 16-14 AWG #1/4
- (5) 7-3165 - Ring Tongue - 16-14 AWG #3/8
- (5) 7-3170 - Ring Tongue - 12-10 AWG #10
- (5) 7-3175 - Ring Tongue - 12-10 AWG #1/4
- (5) 7-3180 - Ring Tongue - 12-10 AWG #5/16
- (5) 7-3185 - Ring Tongue - 12-10 AWG #3/8
- (5) 7-3190 - Spade Fork - 22-18 AWG #10
- (5) 7-3195 - Spade Fork - 16-14 AWG #10
- (5) 7-3200 - Spade Fork - 12-10 AWG #10
- (5) 7-3205 - Quick Disconnect - 22-18 AWG Male
- (5) 7-3210 - Quick Disconnect - 22-18 AWG Female
- (5) 7-3215 - Quick Disconnect - 16-14 AWG Male
- (5) 7-3220 - Quick Disconnect - 16-14 AWG Female
- (5) 7-3225 - Quick Disconnect - 12-10 AWG Male
- (5) 7-3230 - Quick Disconnect - 12-10 AWG Female
- (5) 7-3235 - Scotch Lock - 14-18 AWG
- (5) 7-3240 - Scotch Lock - 12-10 AWG
- (5) 7-3245 - Bullet Conn. - 16-14 AWG - Plug
- (5) 7-3250 - Bullet Conn. - 16-14 AWG - Recpt.
- (5) 7-3255 - Closed End Conn. - 22-14 AWG
- (5) 7-3260 - Closed End Conn. - 18-10 AWG
- (5) 7-3290 - Heat Shrink Butt Conn. - 22-18 AWG
- (5) 7-3300 - Heat Shrink Butt Conn. - 16-14 AWG
- (5) 7-3310 - Heat Shrink Butt Conn. - 12-10 AWG
- (5) 7-3320 - Heat Shrink Ring - 22-18 AWG #10
- (5) 7-3335 - Heat Shrink Ring - 16-14 AWG #8
- (5) 7-3345 - Heat Shrink Ring - 16-14 AWG #10
- (5) 7-3365 - Heat Shrink Ring - 16-14 AWG #3/8
- (5) 7-3385 - Heat Shrink Ring - 12-10 AWG #3/8
- (5) 7-3450 - Tinned Copper Lugs - 8 AWG #1/4
- (5) 7-3455 - Tinned Copper Lugs - 8 AWG #5/16
- (5) 7-3460 - Tinned Copper Lugs - 8 AWG #3/8
- (5) 7-3465 - Tinned Copper Lugs - 6 AWG #10
- (5) 7-3470 - Tinned Copper Lugs - 6 AWG #1/4
- (5) 7-3475 - Tinned Copper Lugs - 6 AWG #5/16
- (5) 7-3480 - Tinned Copper Lugs - 6 AWG #3/8
- (5) 7-3490 - Tinned Copper Lugs - 4 AWG #5/16
- (5) 7-3500 - Tinned Copper Lugs - 4 AWG #3/8
- (5) 7-3510 - Tinned Copper Lugs - 2 AWG #5/16
- (5) 7-3520 - Tinned Copper Lugs - 2 AWG #3/8
- (5) 7-3525 - Tinned Copper Lugs - 1 AWG #5/16
- (5) 7-3530 - Tinned Copper Lugs - 1 AWG #3/8
- (5) 7-3535 - Tinned Copper Lugs - 1/0 AWG #5/16
- (5) 7-3540 - Tinned Copper Lugs - 1/0 AWG #3/8
- (5) 7-3545 - Tinned Copper Lugs - 1/0 AWG #1/2
- (5) 7-3550 - Tinned Copper Lugs - 2/0 AWG #1/4
- (5) 7-3555 - Tinned Copper Lugs - 2/0 AWG #5/16
- (5) 7-3560 - Tinned Copper Lugs - 2/0 AWG #3/8
- (5) 7-3565 - Tinned Copper Lugs - 2/0 AWG #1/2
- (5) 7-3570 - Tinned Copper Lugs - 4/0 AWG #3/8
- (5) 7-3575 - Tinned Copper Lugs - 4/0 AWG #1/2
- (5) 7-3665 - Vinyl Hole Grommets - 1/4
- (5) 7-3670 - Vinyl Hole Grommets - 1/2
- (10) 7-3785 - Waterproof Fuse Holder
- (5) 7-3800 - ATO Fuse - 3 amp
- (5) 7-3805 - ATO Fuse - 4 amp
- (5) 7-3810 - ATO Fuse - 5 amp
- (5) 7-3815 - ATO Fuse - 7.5 amp
- (5) 7-3820 - ATO Fuse - 10 amp
- (5) 7-3825 - ATO Fuse - 15 amp
- (5) 7-3830 - ATO Fuse - 20 amp
- (5) 7-3835 - ATO Fuse - 25 amp
- (5) 7-3936 (90) Double Contact Bayonet Base
- (5) 7-3946 (94) Double Contact Bayonet Base
- (5) 7-3951 (194) Wedge
- (5) 7-3966 (1004) Double Contact Bayonet Base
- (5) 7-3980 (1142) Double Contact Bayonet Base
- (5) 7-3986 (1156) Single Contact Bayonet Base
- (5) 7-3991 (1157) Double Contact Bayonet Base
- (5) 7-4010 (70 DP1 CLR) Festoon
- (5) 7-4020 (71 DP CLR) Festoon



7-3007 80 Item Electrical Display **$1,333.78 K**

Marpac Nylon Cable Tie Display

Marpac Nylon Cable Tie Display

This display includes 5 packages of the following:

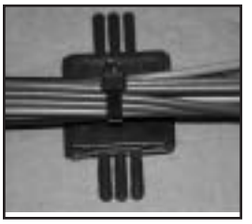
- 7-6130 - 6″ Natural
- 7-6135 - 8″ Natural, 12″ Natural
- 7-6140 - 12″ Natural
- 7-6145 - 7-1/2″ Screw Mount Natural
- 7-6150 - 6″ UV Black
- 7-6155 - 8″ UV Black, 12″ UV Black
- 7-6160 - 12″ UV Black



7-3012 Nylon Cable Tie Display **$206.96 L**

Nylon Cable Ties

T-H Marine NEW ITEM



T-H Marine Wire/Hose Hanger
Secures wiring harness or hoses. Can be glassed in or screwed down. Fits standard cable ties. Molded – non-corrosive.

640975 (WHH-1) **$8.95 H**



S & J Products Nylon Cable Ties
Hold any of the following items in a bundle fashion: electric cables or wires, fuel hoses, water lines, control cables, up out of the way.

722028	(160518) 100	4" Black Compression Style	**$10.95 H**
722025	(160539) 1000	8" Black Compression Style	**$135.95 H**



Ancor
Stainless Steel Cushion Clamps
Meets ABYC specifications. Temp rating of -40° F to 300° F. EPDM insulator is temperature, water, fuel, oil and acid resistant. Sold 10 per display pack.

211639	(403182) 3/16"	Screw Width 3/8"	**$10.95 H**
211641	(403252) 1/4"	Screw Width 3/8"	**$10.95 H**
211653	(403312) 5/16"	Screw Width 3/8"	**$11.95 H**
211665	(403372) 3/8"	Screw Width 3/8"	**$11.95 H**
211677	(403502) 1/2"	Screw Width 1/2"	**$12.95 H**
211689	(403622) 5/8"	Screw Width 1/2"	**$13.95 H**
211691	(403752) 3/4"	Screw Width 1/2"	**$15.95 H**
211704	(403892) 1"	Screw Width 1/2"	**$17.95 H**
211716	(403902) 1-1/4"	Screw Width 1/2"	**$19.95 H**
211728	(404152) 1-1/2"	Screw Width 1/2"	**$19.95 H**

AMT ELECTRICAL ACCESSORIES





AMT Electrical Nylon Cable Ties
Weather resistant. Black ties are ultraviolet light stabilized. Sold 100 per poly bag.

Standard Cable Ties

480501	(64880) Length 4"	Width .10"	**$6.95 H**
480525	(64886) Length 5.6"	Width .13"	**$7.95 H**
480549	(64908) Length 7.5"	Width .187"	**$8.95 H**
480563	(64914) Length 11.1"	Width .187"	**$16.95 H**
480587	(64918) Length 14.1"	Width .187"	**$17.95 H**

Screw Mount Cable Ties

480664	(64942) Length 6"	Width .14"	Uses #8	**$13.95 H**
480688	(64948) Length 7.5"	Width .185"	Uses #10	**$15.95 H**
480690	(64960) Length 14.5"	Width .187"	Uses #10	**$38.95 H 1000M**

Ancor Nylon Cable Clamps
UV black nylon. Manufactured from the toughest of materials, pure virgin nylon 6/6. Insoluble in common solvents, alkalis, dilute mineral acids, most organic acids and most petrochemicals. Heavy duty locking mechanism. Operating temperature range is 100% capacity up to 65° C, 50% capacity from 65° to 185° C. Unique screw hole alignment feature to speed installation. Absorbs shock and vibration; reduces unwanted noise. Sold 25 per display pack.



211564	(402182) 3/16" ID	**$4.95 H**
211576	(402252) 1/4" ID	**$4.95 H**
211588	(402312) 5/16" ID	**$4.95 H**
211590	(402372) 3/8" ID	**$4.95 H**
211603	(402502) 1/2" ID	**$5.95 H**
211615	(402622) 5/8" ID	**$6.95 H**
211627	(402752) 3/4" ID	**$7.95 H**

Heli Tube Cable Wrap



Heli Tube Cable Wrap
Bundles wires, cables, hoses and tubing firmly but allows flexibility. Resists abrasion, dampens vibration, organizes and insulates. Ultra violet resistant. UL recognized component listed under category UZKX2. Available in 100' rolls. Black.

772916	(HT 1/4 UR) 1/4" Heli Wrap	**$34.95 H**
772928	(HT 3/8 UR) 3/8" Heli Wrap	**$52.95 H**
772933	(HT 1/2 UR) 1/2" Heli Wrap	**$75.95 H**
772942	(HT 3/4 UR) 3/4" Heli Wrap	**$122.95 H**

Wire and Cable Conduit



MPI Products Split Conduit Tubing

Corrugated split polyethylene provides excellent conduit for multiple wire or cable routings. Creates quality appearance in wiring systems. Ideal product for hose abrasion protection. Black.

772043 (125B-1126) 1-1/2" x 50' **$100.95 L**

The 123 Series is specially formulated in accordance with UL94 V2 tests for flammability. Meets tough ABYC standards.

543320 (123-0126) 1/2" x 50' **$17.95 H**
543321 (123-0386) 3/8" x 50' **$12.95 H**
543319 (123-0346) 3/4" x 50' **$25.95 H**



MPI Products Rigging Hose

High quality, crush resistant plastic offers excellent flexing properties and abrasion resistance. Material is resistant to bilge acids, fuel solutions and ultra violet rays. For all bracket mounted outboard motors. Black.

641819 (127-2003) 2" x 10' **$57.95 L**
641818 (127-2006) 2" x 50' **$283.95 L**



Sierra Protective Flex Tubing

This black flex tubing provides protection for various wiring situations. Sold in 3' lengths per poly bag. Standard pack 10.

363426 (EC01620) Diameter 3/8" **$5.64 H**
363438 (EC01630) Diameter 1/2" **$5.85 H**

T-H Marine Rigging Accessories



T-H Marine Brite Plate™ Chrome Plated Rigging Flange

Chrome plated. Look of stainless - price of plastic. Strong plating process strengthens parts. Five step metal bonding process. Won't flake, chip or easily scratch.

641957 (RF-1CP-DP) **$22.95 H**

Rigging Hose Cap and Flange - 2"

641806 (747-2000) Black Flange **$22.95 L**



T-H Marine Black Flex Sleeving - Mesh Rigging Conduit

Lightweight jacketing for bundling and protecting wires, cables and hoses. Braided from high temperature yarns. Easy to slip on. Sold in spools.

642352 (FLX-50)	Diameter 1/2"	Length 100'	**$77.95 H**
642365 (FLX-75)	Diameter 3/4"	Length 100'	**$103.95 H**
642389 (FLX-150)	Diameter 1-1/2"	Length 50'	**$97.95 H**

T-H Marine Rigging Flange with Fuel Hose Port and Hose Union

Completes professional rigging installation. Complies with ABYC - NMMA Specs. Split design allows installation on pre-rigging boats. Fuel hose port fits type "A" hose and hose union fits Type "B" hose. Installs with T-H Marine Rigging Hose.

640961 (RFFHP-1) Rigging Flange with Fuel Hose Port **$13.95 H**
640970 (RFHU-1) Rigging Flange Hose Union **$11.95 H**



640970



640961



Typical Fuel Hose Assembly

Star Brite Liquid Electrical Tape



Star Brite Liquid Electrical Tape
Waterproofs and protects electrical connections. Fast drying. Forms a protective UV resistant dielectric coating. Prevents corrosion on wires and terminals. UL tested. 4 oz. Sold each per bubble packed card. Standard pack 12.

628202 (84104) Black **$8.95 F**
628214 (84105) Red **$8.95 F**

Electrical Heat Shrink Tubing



Marpac Black Heat Shrink Tubing
Diameter 1/2". Length 3". Double wall 8 AWG to 4 AWG. 2 pieces red, 1 piece black per card. Sold 5 bags per card

7-4040 **$4.99 L**

Sierra Shrink Tubing
Ideal for electrical insulation, abrasion protection and covering unsightly joints. Apply heat and material shrinks tight. Sold 7 assorted size pieces per zip-top recloseable bag.

363402 (EC01750) **$3.95 H**

Electrical Heat Shrink Tubing
Adhesive lined heat shrink tubing recourses to 33% of its original diameter. Especially for applications as a moisture barrier in high humidity and corrosive environments.

480082 (10810-4) 1/2" x 4' **$14.95 L**
480094 (10811-4) 3/4" x 4' **$26.95 L**
480107 (10813-4) 1" x 4' **$39.95 L**



3M ScotchCode Wire Marker Tape Dispenser STD-X
A compact, carry-along dispenser with ten refillable compartments that hold eight-foot rolls of non-smear polyester tape. Dispenser only. Used for marking binder groups, wire or cable, the tapes' high tack, acrylic adhesive resists solvents, oil and water and adheres firmly to insulation surfaces. An end-loop hooks the dispenser easily to a tool pouch or belt.

886652 (49519) **$19.95 H**



Marpac Universal Wire Stripper
Self-adjusting between 10 AWG - 24 AWG. Strips wire insulation in fast, precision motion without damaging strands. Also crimps and cuts. Strips middle of wire for taps. Works on two conductor wire.

7-4210 **$37.39 L**



S & J Products Heat Gun
120V heat gun system. 1440 watts max at 120 volt. Electronics temperature control. Temperature rating 180° F to 1100° F. System includes molded plastic case, recirculator attachment and spreader attachment.

543318 (990727) **$105.95 H**



857435



857423



512168

3M Tartan General Use Vinyl Electrical Tape - Black
On a 1-1/2 inch core, this black, 7 mil vinyl tape is a good quality, economical general purpose insulating tape. Its elastic backing ensures easy, moisture-tight conformation to irregular surfaces. UL Listed and is flame-retardant.

512168 (49656) 3/4" x 60' **$1.95 H**

3M Scotch Vinyl Electrical Tape No. 35 - Red
Use it for phase identification, marking of motor leads and piping systems and for outlining safety areas. Also used as a rigging tape. UL Listed and CSA Certified, and is flame-retardant. 10 rolls per box.

857447 (10810) 3/4" x 66' **$7.95 H**

3M Highland Vinyl Electrical Tape - Black
This black, 7 mil tape is a flexible, stretchy, conformable, commercial grade vinyl, that is flame retardant. 3M™ Highland Tape can be used for protective jacketing and harnessing. 10 rolls per box.

857423 (16720) 3/4" x 66' **$3.95 H**

3M Scotch Vinyl Plastic Electrical Tape Super 33 Plus - Black
A premium grade all-weather tape; has excellent resistance to flame, abrasions, moisture, alkalies, solvents, oil and many acids. Gives full electrical and mechanical protection. 10 rolls per box.

857435 (06133) 3/4" x 52' **$6.95 H**

Perko Watertight Cable Outlets

PERKO®

Either chrome plated zinc or chrome plated brass.



Perko Figs. 424 and 1191 Watertight Cable Outlets

For 5/16" OD cable. Equipped with rubber grommet for watertight passage of cable through deck or bulkhead. Prevents chafing of cable insulation. Base diameter 1-1/4". Uses #6 fasteners. Sold each per display packed card. Standard pack 10.

533148 (1191 DP CHR)	Chrome Plated Zinc	**$17.95 H 5J**
538439 (424 DP CHR)	Chrome Plated Brass	**$32.95 H**

T-H Marine Wire Cover

T-H Marine



T-H Marine Decorative Wire Cover

Gives boat that finished look, covers unsightly wire pass-thru holes. A black plastic cover to provide a finished look for wiring which passes through holes that are unsightly when left uncovered. Covers holes up to 1-1/4" in diameter. Comes complete with mounting screws. Sold each per skin packed card. Standard pack 12.

639940 (DWC-1) **$5.95 H**

Marpac Cable Outlets

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Watertight Cable Outlets

Chrome plated brass. Gasketed to assure water tightness. Diameter 1-1/2". Uses #6 fasteners.

7-0451 5/16"		**$4.95 F 3Q**
7-0452 3/8"		**$4.95 F 3Q**

Newmar Cable Fitting

NEWMAR



Newmar Thru-Dex® Waterproof Cable Fitting

Create a 100% waterproof seal when routing cables through decks and bulkhead. Allow installation and/or removal of cable with connector still attached. Rugged, weatherproof glass-filled nylon. Stainless steel fasteners. Multiple cables may be passed through a single fitting. Maximum connector diameter: 1.2".

699820 (DX-2) **$54.95 H**

Marpac Grommets

marpac THE AFFORDABLE ALTERNATIVE™



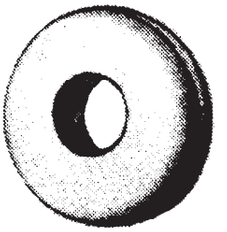
Marpac Utility Grommets - Black

7-0616 1" Grommet		**$3.95 F 3Q**
7-0615 2-3/4" Grommet		**$4.95 F 3Q**
7-0614 3-3/8" Grommet		**$4.95 F 3Q**

Sold by Box of 5 Packages Only!
Priced per Display Package

marpac THE AFFORDABLE ALTERNATIVE™





Marpac Vinyl Hole Grommets

7-3665 1/4"	6 Per Package	**$1.89 L**
7-3670 1/2"	4 Per Package	**$2.19 L**

Marpac Alligator Clips



Marpac Alligator Clips - Insulated
Sold 2 per display card.

7-0135 2" **$1.95 F 3Q**
7-0133 1-1/4" **$1.95 F 3Q**

Charging Clips



Charging Clips
Sold 2 per display pack.

277966 (EC01390) 20 amps **$3.24 H**
364492 (EC06230) 30 amps **$3.95 H**

Optronics Battery Clips



Optronics Battery Clips
Copper clad 50 amp battery clips with red and black handles. 12 volt. 50 amps.

523274 (A-100) **$1.95 F**

Optronics Battery Adaptor



Optronics Battery Adapter
Connect directly to any battery using this adapter with 15 amp fuse. Includes 3' cord.

523290 (A-203) **$5.95 F**

Cigarette Lighter/Chart Light



Marpac Cigarette Lighter/Chart Light
Stamped 304 stainless mounting plate. Combination chart light and cigarette lighter with the flick of a switch. Uses #8 fasteners. 12 volt.

7-0112 **$13.95 F 3Q**
7-9017 Replacement Lighter **$8.95 F 3Q**

Marpac Power Socket



Marpac Power Socket
Stainless steel socket and molded cap with type 304 stainless steel mounting plate. Ideal for additional power outlets. Uses #8 fasteners. 12 volt.

7-0866 **$7.95 F 3Q**



Optronics Extension Cord
10' coil cord with male adapter at one end and female at the other end. Black. 12 amp. 150 watts.

523310 (A-303) **$7.95 F**

Marpac Deluxe 12 Volt Plug and Receptacle



Marpac Deluxe Moisture Resistant Socket
Made from corrosion resistant marine grade materials, the Marpac Deluxe Moisture Resistant Socket mounts in just a 1-1/8" hole from the front using the plate or from the rear using the locking ring. Mounting screws, electrical connectors and a boot for the wires are included.

7-0863 **$6.95 F 3Q**



Marpac Deluxe 12 Volt Plug and Socket Set
The set contains: (1) Deluxe Socket, (2) 12 Volt Deluxe Plugs, mounting hardware, electrical connectors and a boot for the wires.

7-0864 **$10.95 F 3Q**



Marpac Deluxe 12 Volt Plug
The Marpac Deluxe 12 volt plug is made from marine grade, corrosion resistant materials. Polarized, with a moisture resistant sealing ring the plug comes with an internal fuse. Sold 2 per display pack.

7-0862 **$6.95 F 3Q**



Marpac Deluxe Socket with Alligator Clips
This portable socket extends over 6' with its heavy duty coiled wire, made from corrosion resistant marine grade materials.

7-0869 **$11.95 F 3Q**

Marinco ConnectPro™ Trolling Motor Plug and Receptacle



217941

MARINCO-AFi



217940

Marinco ConnectPro™ Trolling Motor Plug and Receptacle
The new ConnectPro trolling motor plug and receptacle is a revolutionary new concept in trolling motor connections. The ConnectPro has superior electric current carrying capacity to eliminate problems that rob motors of power and reduce battery life. The ConnectPro system features a locking plug and receptacle with spring clamping connections which provides a secure electrical contact. O-ring seal for waterproof connections. Weather resistant plug cover. Corrosion resistant, plated brass electrical components. Accepts 16 to 8 gauge wire. Ergonomic contoured grip for easy hook-up and ground blade alignment. Universal design for 2 or 3 wire configuration; 12, 24, 12/24, 24/36 or 36 volt systems.

217942 (12VCP) ConnectPro Plug and Receptacle Kit **$36.95 F**
217940 (12VBP) ConnectPro Plug Only **$16.95 F**
217941 (12VBR) ConnectPro Receptacle Only **$21.95 F**

Marinco Sealink® Deluxe 12 Volt Plug and Receptacle

MARINCO-AFi



Marinco SeaLink® Deluxe 12 Volt Plug and Receptacle

Corrosion resistant marine grade construction. Easy to install and wire. Exclusive SeaLink locking system. The SeaLink 12 volt plug features: Green LED indicator light. Moisture proof sealing ring. Internal strain relief and cord seal. Interchangeable fuse. The SeaLink 12 volt receptacle feature: Watertight sealing cap. Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation. Sold each per display pack.

217946 (12VPK) SeaLink Plug and Receptacle **$26.95 F**
217947 (12VRC) SeaLink Deluxe Receptacle Only **$19.95 F**
217948 (12VPG) SeaLink Plug Only **$12.95 F**

Marinco Sealink® Receptacle with Alligator Clips



MARINCO-AFi

Marinco SeaLink® Receptacle with Alligator Clips

6' heavy duty straight cable wire. Watertight cap. Corrosion resistant alligator clips. Accepts SeaLink plug or standard 12 volt plug.

217944 (12VXC) **$35.95 F**

Marinco Sealink® 12 Volt Deluxe Dual Outlet Cord



MARINCO-AFi

Marinco SeaLink® 12 Volt Deluxe Dual Outlet Cord

Heavy duty cable/18 gauge wire. Watertight caps. Plug features an LED indicator light, moisture proof sealing ring, strain relief and built-in 10 amp fuse. SeaLink locking system. Works with any standard 12 volt plug and receptacle.

217945 (12VAD) **$37.95 F**

Marpac Accessory Plug and Socket



Marpac Accessory Plug and Socket
All metal parts are nickel plated phosphor bronze. Universal socket/plug will mate with other cigarette lighter type units. Includes: O-ring gasket and weather-seal flap. 12 volt.

7-0867 **$4.95 F 3Q**

7-0868 Socket Only **$3.95 F 3Q**

Marinco Wire Receptacle Adapter



Marinco 6 Gauge Wire Receptacle Adapter
Allows 6 gauge wire connection to ConnectPro Receptacle. Corrosion resistant, plated brass electrical components. Universal hook-up feature works for any 2 or 3-wire system (12V, 24V and 36V system combinations). Easy to install using simple tools (wire stripper, Phillips head screwdriver, standard screwdriver). 12 volt.

217617 (12VBRAD) **$16.95 F**

Marpac Polarized Power Outlet



Marpac Polarized Power Outlet
Chrome brass base with waterproof snap-on cover. Polarized double contact connector. 12 volt.

7-0448 **$5.95 F 3Q**

7-9003 Plug Only **$3.95 F**

Perko Deck Connection



Perko Fig. 1190 Watertight Deck Connection
Chrome plated zinc. Flange gasket with integral waterproof cap for base when plug is removed. Polarized double contact connector. Rated for 15 amps at 12 volts. Diameter 1-5/8". Height 1-3/16". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

533124 (1190 DP CHR) **$23.95 H 5J**

533136 (1189 DP 994) Plug Only **$16.95 H**

Electrical Connectors



Cole Hersee Electrical Connector
Universal trailer plug and socket. Thermo plastic molded insulator with rubber cap. 2-Pole in line mated connector with brass screws. Machined brass contacts. Rubber boot protects terminals and connections from moisture and dirt. Sold each per display pack.

300549 (M-121-BP) **$12.95 H**



Sea-Dog Polarized Electrical Connector
Machined brass/chrome plated. As a safety feature, polarized pins are sized to be connected in only one way. 3 amps. 2 pin. Uses #5 fasteners. Sold each per display pack. Standard pack 10.

214940 (426262-1) **$15.60 E**

Blue Sea Systems Electrical Panels



379645



379633

Blue Sea Systems
Vertical Series Waterproof Fuse Panels

ON-OFF water resistant Contura Switches. On indicating LEDs embeded in switch. Two-part polyurethane slate gray finish. Waterproof rated IP66. Fuse holders accept commonly available AGC and MDL glass fuses. Switch rating 20 amp maximum. Fuse holder rating 20 amp maximum. Panel cumulative rating 45 amps. 12 volt. Comes with set of 30 common DC labels.

379633 (8053) 6 Gang	7.50" H x 5.25" W	**$162.95 F**
379645 (8054) 3 Gang	3.75" H x 5.25" W	**$100.95 F**



Blue Sea Systems Waterproof Circuit Breaker Panels

Designed for flybridge and open cockpit applications. Waterproof rated IP66. Ignition protected. ON-OFF water resistant Contura Switches. Integrated push button reset only circuit breakers for circuit protection. UV stabilized waterproof boots. Two-part polyurethane black finish. ON indicating LEDs embeded in switch. Circuit breaker rating 15 amp. Panel cumulative rating 45 amps. 12 volt. Includes set of 60 common DC labels.

379667 (8371) 8 Gang	4.25" H x 9.37" W	**$244.95 F**
379668 (8372) 4 Gang	4.25" H x 5.25" W	**$142.95 F**



379657

Blue Sea Systems
Horizontal Series Waterproof Fuse Panels

ON-OFF water resistant Contura Switches. On indicating LEDs embeded in switch. Two-part polyurethane slate gray finish. Waterproof rated IP66. Fuse holders accept commonly available AGC and MDL glass fuses. Switch rating 20 amp maximum. Fuse holder rating 20 amp maximum. Panel cumulative rating 45 amps. 12 volt. Includes set of 30 common DC labels.

379657 (8261) 8 Gang	3.75" H x 9.37" W	**$209.95 F**
379669 (8262) 4 Gang	3.75" H x 5.25" W	**$125.95 F**

See Panel Labels on Page 241



Blue Sea Systems
WeatherDeck Waterproof Fuse Panels

Designed for flybridge and open cockpit applications. Waterproof rated IP67. Integrated ATO/ATC fuse based circuit protection. Integrated switch guards prevent accidental switching. Panels can be mounted in four different orientations. Bi-colored LEDs illuminate circuit labels to quickly identify OFF, ON, or BLOWN circuits. Independent label backlighting circuit for remote switching and dimming. Switch rating 15 amp maximum. 12 volts.

379608 (4304) 4 Position	Gray	4.30" H x 3.88" W	**$110.95 F**
379609 (4306) 6 Position	Gray	6" H x 3.88" W	**$137.95 F**
379610 (4308) 8 Position	Gray	7.70" H x 3.88" W	**$191.95 F**
379611 (4314) 4 Position	White	4.30" H x 3.88" W	**$110.95 F**



Blue Sea Systems Digital Dimmers

Rated for multiple fixture area lighting dimming.
Robust aluminum housing. Continuous voltage control from 0 to 100% of input voltage. Last setting memory. Supports multiple switches in different locations. Water resistant, sealed housing. Operates on 10 to 32 Volt DC systems. Requires SPDT momentary (ON)-OFF-(ON) switch.

380030 (7503) Continuous Rating: 10A	**$75.95 F**
380040 (7505) Continuous Rating: 20A	**$109.95 F**



Rocker Switch



Fuse Holder

Blue Sea Systems Waterproof Contura Switches

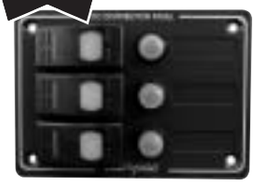
Vibration, shock, thermoshock, moisture and salt spray resistant. Ignition protection. Meets UP1500 and ISO8846 ignition protection requirements. 12 volt. 20 ampres. Gray. Mounting hole: 1.45" H x .83" W.

	Poles/Throw	Action	
379760 (8232) 3 Position	SPDT	On-Off-On	**$15.95 F**
379772 (8231) 2 Position	SPST	Off-Mom. On	**$12.95 F**
379780 (8230) 2 Position	SPST	Off-On	**$12.95 F**

379467 (5020) Fuse Holder - 3AG **$7.95 F**

Marpac Electrical Panels

See Page 243 for Replacement Breakers



7-0514



7-0513

See Page 262 for Replacement Switches

Marpac Power Panels

Marine grade aluminum panel. Modern style illuminated rocker switches glow white when on. Weather resistant breaker boots included.

7-0513	6 Gang	Dimensions: 5-1/4" x 7-1/2"	**$69.95 F 3Q**
7-0514	3 Gang	Dimensions: 5-1/4" x 3-3/4"	**$53.95 F 3Q**
7-1134	Spare Circuit Breaker Boot		**$5.95 F 3Q**



7-0516



7-0518

Marpac Switch Panels

Black bakelite panel. Includes: Chrome plated toggle switches and screw cap fuse holders. Rated 15 amps. Uses #8 fasteners.

7-0516	3 Gang	Dimensions: 4-1/4" x 3-1/2"	**$16.95 F 3Q**
7-0518	6 Gang	Dimensions: 4-1/2" x 6-1/2"	**$27.95 F 3Q**
7-0534	Spare Toggle Switch		**$3.95 F 3Q**
7-0519	Protective Boot		**$2.95 F 3Q**





Marpac Breaker Panel

Pre-wired brushed aluminum panel with illuminated red rocker switches. Includes: (2) 3 amp, (2) 6 amp, (1) 8 amp and (1) 10 amp circuit breakers.

7-0512	6 Gang	Dimensions: 4-1/2" x 6-3/8"	**$49.95 F**
7-0533	Spare Rocker Switch		**$2.95 F 3Q**



Marpac Switch Panel

Black bakelite panel with chrome plated toggle switches and screw cap fuse holders. Rated 15 amps. Uses #8 fasteners. Dimensions: 4-1/2" x 6-1/4".

7-0517	6 Gang with Boot	**$39.95 F 3Q**
7-0534	Spare Toggle Switch	**$3.95 F 3Q**
7-0519	Protective Boot	**$2.95 F 3Q**



7-0510



7-0511

Marpac Switch Panel with Grounding Bus Bar

Pre-wired brushed aluminum panel with illuminated red rocker switches. Includes: 10 amp fuse holders and fuses. Dimensions: 4-5/8" x 6-1/2".

7-0511	6 Gang	**$42.95 F 3Q**
7-0533	Spare Rocker Switch	**$2.95 F 3Q**

Marpac Switch Panel

Pre-wired brushed aluminum panel with illuminated red rocker switches. Includes: 10 amp fuse holders and fuses. Dimensions: 4-1/2" x 3-3/4".

7-0510	3 Gang	**$24.95 F 3Q**
7-0533	Spare Rocker Switch	**$2.95 F 3Q**

Marpac Label Kit for Switch Panels

Fits all Marpac switch panels. Includes: Accessory, Aerator, Anchor Light, Bait Pump, Baitwell, Bilge Pump, Bilge Pump Aft, Bilge Pump Fwd, Cabin Lights, Deck Lights, Fish Finder, Flood Lights, GPS, Nav Lights, Running Lights, Spreader Lights, VHF, Wash Down, Water Pressure, Wipers.

7-0509 **$2.49 F 3Q**

Perko Spare Parts for Perko Fig. 517 Switch Panel

539683 (514 DP) Switch (old) **$27.95 H**

Newmar Electrical Panels



699756



699770

Newmar AC Master Panels

Essential control/protection whenever AC from shorepower or generators is on board. A double pole master breaker with power on indicator light protects both hot and neutral legs of the AC circuit. A reverse polarity light provides clear warning when wiring is reversed and poses a shock hazard. Sold each.

AC-II Master Panel. 30 amp master breaker. Panel dimensions: 5-1/4" x 3-3/4". Weight: 1 lb.

699756 (AC-II) **$123.95 H**

AC-I Master Panel. 30 amp master breaker. 5 branch circuit capacity; 4 installed standard: (1) 10 amp, (2) 15 amp and (1) 20 amp. Panel dimensions: 5-1/4" x 7-1/2". Weight: 2 lbs. LS-I Label Set included.

699770 (AC-I) **$234.95 H**



Newmar AC-DC Master Control Panel

Complete metering of voltage and current on AC and DC systems. Back-lit analog meters are standard. AC master breaker with reverse polarity warning light. Power "ON" indicator lights on all circuits. Four battery bank voltage test switch. Rating 115/230 VAC, 65 VDC. AC circuits: Master (D.P.) 30 amp standard plus 6 S.P. branch capacity, 5 installed standard: (1) 10 amp, (2) 15 amp and (2) 20 amp. DC circuits: 16 breaker capacity; 12 installed standard: (2) 5 amp, (3) 10 amp, (4) 15 amp and (3) 20 amp. LS-III Label Set and multiple position ground bus bar included. Dimensions: 13.7" W x 10" H x 4" D. Sold each.

699794 (ES-3) **$1,479.95 H**



Newmar AC or DC Accessory Panel

These versatile panels are ideal for smaller vessels with only a limited number of electrical circuits, or for larger systems where their modular design makes for an easy and attractive expansion of existing system capacity. Manufactured with 1/8" strong black anodized aluminum, feature elegant graphics. 8 breaker capacity, 5 installed standard; (2) 5 amp, (1) 10 amp, (1) 15 amp, (1) 20 amp or specify. 8 DC circuit "ON" indicator lights installed standard. **AC lights optional.** Panel dimensions: 5-1/4" x 7-1/2". Weight: 2 lbs. Sold each.

699782 (ACCY-I) **$234.95 H**



Newmar DC Master Panel

Offers a large DC circuit capacity and full metering. Analog DC volt and ammeter, back illuminated with dimmer. 4 battery bank test switch. DC master breaker. 22 branch circuit capacity, 20 installed standard: (3) 5 amp, (5) 10 amp, (6) 15 amp and (6) 20 amp. Red circuit "ON" indicator lights. LS-III Label Set and multiple position ground bus bar included. Dimensions: 10" W x 15" H x 4" D. Weight: 8 lbs. Sold each.

699790 (ES-1) **$1,271.95 H**

Bernard Identi-Plates™

Bernard COMPASS ACTUAL SIZE

White lettering and beveled edge on black plastic plates predrilled for two fasteners. Priced each. Standard pack 5.

All Part Numbers Below **$1.95 G**

251811 Power Winch
254069 Anchor Light
254071 Bilge Pump
254083 Blower
254108 Compass
254110 Deck Light
254122 Depth Sounder
254146 Horn
254160 Light
254172 Master
254184 Masthead Light
254209 Off
254211 On
254223 Panel Light
254235 Radio
254247 Reverse
254259 Running Light
254261 Search Light
254273 Starter
254285 Stern Light
254297 Throttle
254300 Water Temperature
254312 Wiper
254336 12 Volt
254362 Aerator
254374 Aft
254398 Bait Pump
254401 Baitwell
254425 Bow Light
254437 Cabin Light
254487 Courtesy Lights
254526 Engine Room
254538 Engine Shutoff
254540 Fan
254564 Flood Light
254576 Fresh Water System
254588 Fuel
254590 Fuel Pump
254615 Generator
254627 Heater
254641 Ignition
254677 Manual
254691 Navigation
254716 Oil Pressure
254766 Port
254805 Power Tilt
254829 Radar
254893 Spreader Lights
254907 Starboard
254944 Tank 2
254982 Trim
255100 Alarm

Blue Sea Systems Weatherproof Panel Label Sets

BLUE SEA SYSTEMS



Blue Sea Systems Weatherproof Panel Label Sets

Reinforced, weatherproof material. Used on WeatherDeck waterproof panels and battery management panels. Black.

379671 (4215) 30 Label Set **$15.95 F**
379672 (4216) 60 Label Set **$16.95 F**
379673 (4217) 120 Label Set **$22.95 F**

Newmar LS-111 Deluxe Label Set - 182 Labels

NEWMAR



Newmar LS-III Deluxe Label Set - 182 Labels

Ideal for custom labeling of switch or circuit breaker positions on any NEWMAR or similarly constructed electrical panel. White lettering on black peel-and-stick mylar. Allows easy customizing of panel system. Includes: 22 standard labels, 55 electronics labels plus 105 labels for electrical accessories used on larger vessels are provided.

699744 (020-0660-1) **$94.95 H**

Newmar Battery Isolators



Newmar Battery Isolators

These heavy duty isolators allow charging multiple batteries automatically from one or two alternators and prevent discharge or "dumping" of one battery into another. Each battery is charged according to its need without overcharging. Rated for 12 - 48 volt negative ground DC systems. Feature conservatively rated diodes and a rustproof anodized aluminum heat sink case. Sold each.

Maximum Amperage Input Capacity: 70 amps

378679	(1-2-70)	1 Alternator Source	2 Banks	**$105.95 H**
378706	(1-3-70)	1 Alternator Source	3 Banks	**$158.95 H**
378693	(2-3-70)	2 Alternator Source	3 Banks	**$292.95 H**

Maximum Amperage Input Capacity: 120 amps

378681	(1-2-120)	1 Alternator Source	2 Banks	**$188.95 H**

Cole Hersee Continuous Duty Solenoid



Cole Hersee Continuous Duty Solenoid

Continuous duty. Universal. Insulated. Normally open. S.P.S.T. Copper contacts. Plated steel housing. Copper terminals, 10-32 thread and 5/16" - 24 thread. Continuous rating: 65 amp. Straight bracket. UL Marine and CE/ISO Listed. 12 volt. Hex nuts and lock washers included. Sold each.

330780 (24059-08) **$39.95 H 2M**

Blue Sea Systems Thermal Circuit Breakers - Surface Mount



Blue Sea Systems
Thermal Circuit Breakers - Surface Mount

Ignition protected - safe for installation aboard gasoline powered boats. Meets SAE J1171 external ignition protection requirements. Weather resistant. Combines switching and circuit breaker function into one unit. "Trip free" - cannot be held closed after trip. Interrupt rating: 3,000 amperes DC. Maximum voltage rating: 42 volts DC.

379526	(7100)	50 Ampere	**$54.95 F**
379532	(7112)	70 Ampere	**$54.95 F**
379528	(7102)	100 Ampere	**$54.95 F**



Blue Sea Systems
Thermal Circuit Breakers - Surface Mount

Ignition protected - safe for installation aboard gasoline powered boats. Meets SAE J1171 external ignition protection requirements. Waterproof. Combines switching and circuit protection into a single device. Clear, single lever operation. "Trip Free" - cannot be held "ON" during fault current condition. Recessed mounting holes for clean appearance. Large clearance around terminal studs accept heavy guage wire lugs. Robust 5/16 M8 terminals provide high torque connections. Maximum voltage rating: 48 volts DC.

379533	(7135)	25 Ampere	**$74.95 F**
379534	(7136)	30 Ampere	**$74.95 F**
379535	(7138)	40 Ampere	**$74.95 F**
379536	(7139)	50 Ampere	**$74.95 F**
379537	(7141)	70 Ampere	**$74.95 F**

Blue Sea Systems Thermal Circuit Breakers - Panel Mount



Blue Sea Systems
Thermal Circuit Breakers - Panel Mount

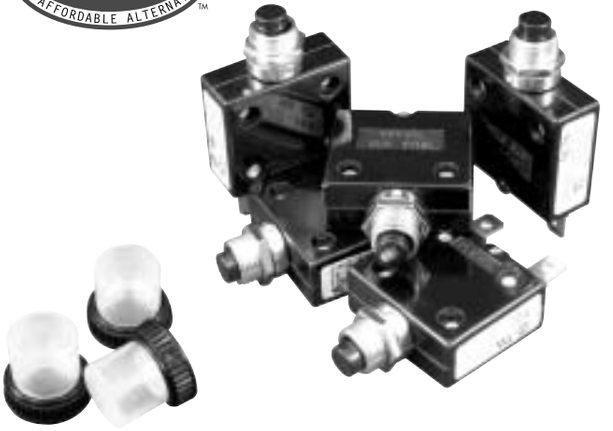
Ignition protected - safe for installation aboard gasoline powered boats. Meets SAE J1171 external ignition protection requirements. Weather resistant. Combines switching and circuit breaker function into one unit. "Trip free" - cannot be held closed after trip. Interrupt rating: 3,000 amperes. Maximum voltage rating: 42 volts DC.

379520	(7000) 50 Ampere	**$54.95 F**
379524	(7014) 80 Ampere	**$54.95 F**

Marpac Push Button Circuit Breakers

Marpac Push Button Circuit Breakers

7-1123	3 amp	**$9.95 F 3Q**
7-1124	6 amp	**$6.95 F 3Q**
7-1125	8 amp	**$6.95 F 3Q**
7-1126	10 amp	**$6.95 F 3Q**
7-1128	15 amp	**$6.95 F 3Q**
7-1129	20 amp	**$7.95 F 3Q**
7-1130	30 amp	**$7.95 F 3Q**
7-1131	40 amp	**$5.95 F 3Q**
7-1132	50 amp	**$8.95 F 3Q**
205564	Bracket	**$3.39 H**



Marpac Push Button Circuit Breaker Assortment

Assortment includes: 1 each of 3 amp, 6 amp, 10 amp, 15 amp and 20 amp.

7-1133	**$20.95 F 3Q**

Marpac Circuit Breaker Boots

Fits all Marpac Breakers. Fits 15/32" mounting stem. Protects against dirt and moisture. Sold 3 per card.

7-1134	**$5.95 F 3Q**

Newmar Circuit Breakers

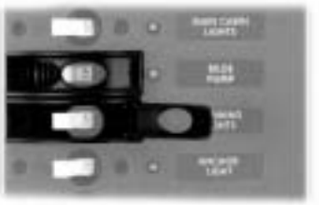
Newmar Circuit Breakers

Fit all Newmar electrical panels, as well as most other brands. Feature magnetic-hydraulic "trip-free" mechanism. Black toggle handles. #10 screw terminals on rear for wiring. Rated to 65 VDC or 277 VAC. UL recognized and CSA listed for AC and DC systems and meet USCG requirements as a qualified circuit protection device.

698019	(568-0051-0)	5 amp	Single Pole	**$18.95 H**
698021	(568-0101-0)	10 amp	Single Pole	**$18.95 H**
698033	(568-0151-0)	15 amp	Single Pole	**$18.95 H**
698046	(568-0201-0)	20 amp	Single Pole	**$18.95 H**
698057	(568-0251-0)	25 amp	Single Pole	**$18.95 H**
698069	(568-0301-0)	30 amp	Single Pole	**$18.95 H**
698083	(568-0501-0)	50 amp	Single Pole	**$18.95 H**
698108	(569-0151-0)	15 amp	Double Pole	**$61.95 H**
698110	(569-0301-0)	30 amp	Double Pole	**$61.95 H**
698123	(569-0501-0)	50 amp	Double Pole	**$61.95 H**
698007	(718-0605-5)	Black - Breaker Mounting Screw		**$0.95 H**



Blue Sea Systems Toggle Guard



Blue Sea Systems Toggle Guard
Protects circuit breakers from being accidentally switched ON or OFF. Fits all A-Series single pole circuit breakers. Fits all panel switches. Can be used on any brand of circuit breaker panel using standard toggle type circuit breakers. Uses circuit breaker mounting screw hole. Includes 2 mounting screws.

379950 (4100) **$3.95 F**



Cole Hersee Circuit Breakers with Mounting Bracket
High quality plated steel with heavy gauge steel mounting bracket. Continuously resets until the overload is corrected. Protects electrical circuits and equipment. Rated at 12V DC. Two #10-32 stud terminals with hex nuts and lock washers. Dimensions: 2" L x .78" W x 1.38" H. Sold each per display pack.

330785	(30055-15) 15 amp	**$7.95 H**
330794	(30055-20) 20 amp	**$7.95 H**
330807	(30055-30) 30 amp	**$7.95 H**
330819	(30055-40) 40 amp	**$7.95 H**
330821	(30055-50) 50 amp	**$9.95 H**



Marpac Resettable Circuit Breakers
Inline circuit breaker with manual reset button for use with higher amperage accessories. Splash proof. May be used on 12V or 24V systems.

7-1172	20 amp, Manual	**$5.95 F 3Q**
7-1173	30 amp, Manual	**$5.95 F 3Q**
7-1174	40 amp, Manual	**$5.95 F 3Q**
7-1175	50 amp, Manual	**$5.95 F 3Q**

Marpac Fuse Displays



Marpac Plug-In Fuse Display
This display includes the following:

- (5) 7-3800 - ATO Fuse - 3 amp
- (5) 7-3805 - ATO Fuse - 4 amp
- (5) 7-3810 - ATO Fuse - 5 amp
- (5) 7-3815 - ATO Fuse - 7.5 amp
- (5) 7-3820 - ATO Fuse - 10 amp
- (5) 7-3825 - ATO Fuse - 15 amp
- (5) 7-3830 - ATO Fuse - 20 amp
- (5) 7-3835 - ATO Fuse - 25 amp
- (5) 7-3845 - ATO Fuse - 40 amp
- (5) 7-3855 - Mini Plug-In Fuse - 2 amp
- (5) 7-3860 - Mini Plug-In Fuse - 3 amp
- (5) 7-3865 - Mini Plug-In Fuse - 4 amp
- (5) 7-3870 - Mini Plug-In Fuse - 5 amp
- (5) 7-3875 - Mini Plug-In Fuse - 7.5 amp
- (5) 7-3880 - Mini Plug-In Fuse - 10 amp
- (5) 7-3885 - Mini Plug-In Fuse - 15 amp
- (5) 7-3890 - Mini Plug-In Fuse - 20 amp
- (5) 7-3895 - Mini Plug-In Fuse - 25 amp
- (5) 7-3900 - Mini Plug-In Fuse - 30 amp
- (10) 7-3780 - Plug-In Fuse Holder

7-3010 **$383.30 K**



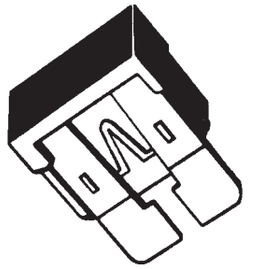
Marpac Glass Fuse Display
This display includes the following:

- (5) 7-3675 - AGA Fuse - 20 amp
- (5) 7-3680 - AGA Fuse - 30 amp
- (5) 7-3685 - AGC Fuse - 1 amp
- (5) 7-3690 - AGC Fuse - 1.5 amp
- (5) 7-3695 - AGC Fuse - 2 amp
- (5) 7-3700 - AGC Fuse - 2.5 amp
- (5) 7-3705 - AGC Fuse - 3 amp
- (5) 7-3710 - AGC Fuse - 4 amp
- (5) 7-3720 - AGC Fuse - 7.5 amp
- (5) 7-3725 - AGC Fuse - 10 amp
- (5) 7-3730 - AGC Fuse - 15 amp
- (5) 7-3735 - AGC Fuse - 20 amp
- (5) 7-3740 - AGC Fuse - 25 amp
- (5) 7-3745 - AGC Fuse - 30 amp
- (5) 7-3755 - SFE Fuse - 9 amp
- (5) 7-3760 - SFE Fuse - 14 amp
- (5) 7-3765 - SFE Fuse - 20 amp
- (5) 20 amp In-Line Fuse Holder
- (5) 30 amp In-Line Fuse Holder
- (5) 7-3790 - Fuse Puller

7-3003 **$232.45 L**

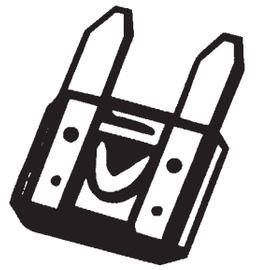
Marpac Fuses

Sold by Box of 5 Packages Only! Priced Per Package



Marpac ATO Fuses
Sold 3 per pack.

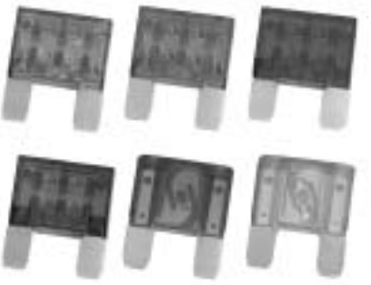
7-3800	3 amp	**$3.29 L**
7-3805	4 amp	**$3.29 L**
7-3810	5 amp	**$3.29 L**
7-3815	7.5 amp	**$3.29 L**
7-3820	10 amp	**$3.29 L**
7-3825	15 amp	**$3.29 L**
7-3830	20 amp	**$3.29 L**
7-3835	25 amp	**$3.29 L**
7-3840	30 amp	**$3.29 L**
7-3845	40 amp	**$3.99 L**



Marpac Mini Plug-In Fuses
Sold 3 per pack.

7-3855	2 amp	**$3.99 L**
7-3860	3 amp	**$3.99 L**
7-3865	4 amp	**$3.99 L**
7-3870	5 amp	**$3.99 L**
7-3875	7.5 amp	**$3.99 L**
7-3880	10 amp	**$3.99 L**
7-3885	15 amp	**$3.99 L**
7-3890	20 amp	**$3.99 L**
7-3895	25 amp	**$3.99 L**
7-3900	30 amp	**$3.99 L**

Blue Sea Systems Maxi Fuses



Blue Sea Systems Maxi Fuse
Economical. Tin-plated connector blades for corrosion resistance. Visible indication of blown condition. Maximum voltage rating: 32 Volts DC. Interrupt rating: 1,000 Amperes DC. Sold 2 per pack.

379304 (5140) 50 amp **$3.95 F**



Marpac Fuse Puller
7-3790 **$2.49 L**



Marpac Plug-In Fuse Holder
Waterproof PVC.
7-3780 **$3.29 F 3Q**

Marpac Fuses

Sold by Box of 5 Packages Only! Priced Per Package



Marpac AGA and AGC Fuses
Sold 5 per pack.

7-3675	AGA	20 amp	**$2.19 L**
7-3680	AGA	30 amp	**$2.19 L**
7-3685	AGC	1 amp	**$2.69 L**
7-3690	AGC	1.5 amp	**$2.69 L**
7-3695	AGC	2 amp	**$2.69 L**
7-3700	AGC	2.5 amp	**$2.69 L**
7-3705	AGC	3 amp	**$2.69 L**
7-3710	AGC	4 amp	**$2.69 L**
7-3715	AGC	5 amp	**$2.49 L**
7-3720	AGC	7.5 amp	**$2.19 L**
7-3725	AGC	10 amp	**$2.19 L**
7-3730	AGC	15 amp	**$2.19 L**
7-3735	AGC	20 amp	**$2.19 L**
7-3740	AGC	25 amp	**$2.19 L**
7-3745	AGC	30 amp	**$2.19 L**
7-3795	AGC	40 amp	**$3.29 L**
7-3750	AGC	50 amp	**$2.69 L**



Marpac SFE Fuses
Sold 5 per pack.

7-3755	9 amp	**$2.19 L**
7-3760	14 amp	**$2.19 L**
7-3765	20 amp	**$2.19 L**

Marpac Fuse Holders



Marpac Waterproof Fuse Holder
7-3785 **$3.95 F3 Q**



7-0154


7-0159

Marpac Panel Fuse Holder
For 3AG size fuses – 1/4" x 1-1/4". Rated at 15 amps.
7-0159 **$3.95 F 3Q**

Marpac Square Face Panel Fuse Holder
Square face panel mount fuse holder. Accepts fuses to 10 amp.
7-0154 Sold 2 Per Card **$3.95 F 3Q**


7-0158


7-1120

Marpac Plastic Inline Fuse Holder
Universal. For 6 and 12 volt applications. 18 gauge wire loop.
7-1120 **$1.95 F 3Q**

Marpac Plastic Inline Fuse Holders
Molded bakelite complete with fuse and wire leads.

7-0157	10 amp Fuse and Loop of 16 Gauge Wire	**$1.95 F 3Q**
7-1122	20 amp Fuse and Loop of Wire	**$2.95 F 3Q**
7-0158	30 amp Fuse and Loop of 12 Gauge Wire	**$2.95 F 3Q**



Mar-Lan Industries Watertight Inline Fuse Holders
A push together watertight inline fuse holder molded of heat resistance non-breakable plastic. Fits 1/4" x 1-1/4" fuses. Sold each per skin packed card.

205599	(2011-08-50) 50 amp	8 Gauge	**$5.29 H**
205600	(2011-10-30) 30 amp	10 Gauge	**$3.95 H**
205612	(2011-12-20) 20 amp	12 Gauge	**$3.95 H**
205624	(2011-14-15) 15 amp	14 Gauge	**$3.95 H**
205636	(2011-16-10) 10 amp	16 Gauge	**$3.95 H**

BEP Marine Battery Distribution Clusters



BEP Marine Twin Engines Three Battery Banks

Designed for twin outboards installations using outboards without AUX outputs. Port engine charges the port start battery and the house battery when the port VSR is engaged. Starboard engine charges the starboard start battery and the house battery when the starboard VSR is engaged. Gives a combined charge from two outboards into the house battery until the voltage regulators on both engines control the charge. Charges the house battery if steaming on one engine.

700255 (717-100A) **$334.95 F**



BEP Marine Twin Engines Two Battery Banks

Designed for systems with twin engine and 2 batteries. House loads can be switched between port and starboard batteries. Selector switch can be used to parallel batteries when in both position.

700248 (715-S) **$110.95 F**

BEP Marine Voltage Sensitive Relay



BEP Marine Dual Sense Voltage Sensitive Relay

Allows two batteries to be charged at the same time. Eliminates the possibility of draining the start battery and protects sensitive electronic equipment powered from the house battery from harmful engine start up spikes. Easy 3 wire connection at the battery. No need to bypass existing alternator wiring. Compact size - No large heat sink. 125 amps continuous.

700150 (710-125A) **$90.95 F**

Newmar Panel Meters



Newmar Panel Meters

For replacement or addition to existing panel systems. Modern styling graphics with unit divisions give precise readouts at a glance. 2-1/2" square front panel lens. Stud mount with push-on terminals. Designed for easy front panel mounting. DC ammeters require external shunts which are provided.

700016 (023-9161-0)	DC Voltmeter 8-16	**$69.95 H**
700028 (023-1632-0)	DC Voltmeter 16-32	**$69.95 H**
700030 (023-0502-0)	DC Ammeter 0-50	**$61.95 H**
700042 (023-1001-0)	DC Ammeter 0-100	**$96.95 H**

Newmar Digital Instruments for AC/DC Systems

These highly versatile and sleekly designed digital instruments provide comprehensive monitoring of on-board AC and DC electrical systems. They give quick, accurate, up-to-the moment information on all important aspects of electrical system status - voltage, current, power consumed, power available, AC frequency, abnormal system conditions, and more.

All read-outs and programming of these multiple functions are easily controlled via touch-pads on the instrument face. LCD displays are easily read in bright sunlight and feature five level adjustable red back-lighting for conservation of night vision. High/low voltage and frequency alarms are standard, and DC monitors are NMEA 0183 compatible. Typical accuracy is +/- 1%.

These instruments are perfectly suitable for installation in exposed above deck areas, such as open cockpits and flybridges (provided these is no water ingress to the rear of the mounting surface). The meter/touch-pad and surrounding bezel are fully waterproof and the ABS housing is UV stabilized.

They are designed for either front through-bulkhead mounting or for installation in Newmar's Universal Series panel blanks. The instrument faces are only 2-1/2" square, providing maximum information in a minimum of space.

All instruments are pre-calibrated for typical use settings at the factory prior to shipment., however they may be recalibrated via touch pad after installation to suit the special needs or conditions of any particular vessel.



Newmar DCE: DC Energy Monitor

Displays volts, amps, energy used and remaining for 12 or 24 volt systems up to 500 amps and up to 3,000 amp-hour capacity. Monitor voltage on up to three separate banks. 500 amp shunt included. NMEA 0183 compatible output for data logging.

700675 (DCE) **$520.95 H**



Newmar ACE: AC Energy Monitor

For 115/230 volt systems reads: 90-300 VAC, 0-150 amps, frequency from 40-70 Hz and power from 0-150 kW. Features alarm circuits for high/low voltage and high/low frequency. Current and voltage transformers are included. 12 or 24 volt source required to power meter.

700670 (ACE) **$534.95 H**



Newmar DCV: DC Voltmeter

For three battery banks, 12 and/or 24 volt systems. Reads to the nearest 1/10 volt. Features a programmable high/low voltage alarm circuit for each bank. NMEA 0183 compatible for PC interface.

700681 (DCV) **$273.95 H**

Marpac Battery Selector Switches



Marpac Battery Selector Switch
Ignition protected. For use with systems under 50 volts. 250 amps continuous, 360 amps intermittent. For use with two or more batteries – for single or dual engine systems. Permits selection between batteries for starting and charging or operation of both batteries in parallel. Ideal for an extra battery. "Off" position also acts as an emergency disconnect. Manufactured for Marpac by Perko. 5 year warranty.

7-0378 **$39.95 F 3Q**



Marpac Battery Selector Switch
Designed with corrosion resistant materials for years of trouble-free use in marine environments. 230 amps continuous, 345 amps momentary. For use with two or more batteries. 4 position switch. 6/12/24/32 Volts DC. Ignition protected. 2 year warranty.

7-0379 **$25.95 F 3Q**

NEW ITEM



Marpac Battery Selector Switch
Select from battery bank 1, battery bank 2 or both for charging or emergency starting. Can be mounted on or behind a panel. Rated at 300 amps. Copper studs for maximum conductivity, tinned for maximum corrosion resistance. Longer studs for attaching more cable terminals. Uses up to 4/0 AWG battery cables. Meets all ABYC requirements, UL listed UL 1107. Meets external ignition requirements for UL 1500 and SAE J1171.

7-0380 **$36.95 F 3Q**

Blue Sea Systems Mini Battery Switches

Ignition protected - Safe for installation aboard gasoline powered boats. Case design allows surface, front panel, or rear panel mounting. Isolating cover with snap-on sections protects rear contacts. Tactile indicator conveys knob position by feel only. 3/8"-16 tin-plated copper studs for maximum conductivity and corrosion resistance, accepts 3/8" (M10) ring terminals. 7/8" stud length to accept multiple cable terminals. 6 ICON label set included for circuit identification. Accepts up to 4/0 AWG battery cables. Red switch.

BLUE SEA SYSTEMS



Blue Sea Systems
Mini On/Off Battery Switch - Single Circuit
300A Continuous/500A Intermittent. 48 volts DC maximum.

379759 (6006) **$27.95 F**

BLUE SEA SYSTEMS



Blue Sea Systems Mini Battery Selector Switch
300A Continuous/500A Intermittent. 48 volts DC maximum.

379696 (6007) **$37.95 F**

BLUE SEA SYSTEMS



Blue Sea Systems
Mini On/Off Battery Switch - Single Circuit
300A Continuous/500A Intermittent. 48 volts DC maximum.

379758 (6005) **$27.95 F**

BLUE SEA SYSTEMS

NEW ITEM



Blue Sea Systems
Mini Battery Switch - Dual Circuit Plus
300A Continuous/450A Intermittent. 32 volts DC maximum.

379698 (6011) **$46.95 F**

Blue Sea Systems Battery Switches

Ignition protected - Safe for installation aboard gasoline powered boats. Case design allows surface or rear panel mounting. Meets American Boat and Yacht Council (ABYC) requirements for battery switches. Tactile indicator conveys knob position by feel only. 3/8"-16 tin-plated copper studs for maximum conductivity and corrosion resistance, accepts 3/8" (M10) ring terminals. 7/8" stud length to accept multiple cable terminals. Accepts up to 4/0 AWG battery cables. Red switch. 350A Continuous/600A Intermittent. 48 volts DC maximum.

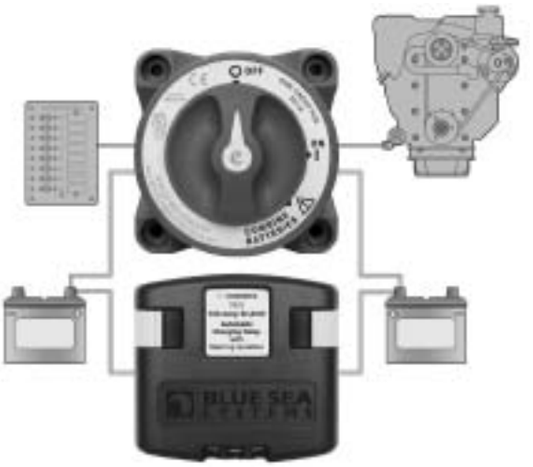


Blue Sea Systems Battery Switch - Single Circuit
379775 (9003E) **$42.95 F**



Blue Sea Systems Battery Selector Switch
379771 (9001E) **$44.95 F**

Blue Sea Systems Add A Battery



Blue Sea Systems Add A Battery
A complete two battery bank management solution. Dual Circuit Plus Battery Switch isolates engine and house circuits, and combines battery banks for emergency starting. The 120 Amp SI ACR automatic charging relay combines batteries for charging.

379773 (7650) **$163.95 F**

Newmar AC Selector Switches



Newmar AC Selector Switches
The switch eliminates the safety hazard and/or damage that can occur if two AC sources are applied to the same circuit simultaneously. These switches are fitted with a compact escutcheon plate with engraved switch position nomenclature. The switches carry UL and CSA approval, are CE marked, and feature heavy duty contacts and a positive step cam mechanism for precise contact closure. May be installed in panel with thickness up to 1/4". 115/230 VAC.

699984 (SS-7.5) 7.5 kw	2 Poles	**$241.95 H**
699998 (SS-15) 15 kw	2/4 Poles	**$471.95 H**

Battery Switches

Charles Marine Startnow Automatic Selector Switch

Allows the main battery to drain without draining the reserve battery. Automatically detects if the main battery voltage is too low and activates the reserve batter to start your engine.

284567 (93-STARTNOW-A) **$103.95 E**
284579 (93-STARTNWRMT-A) Remote Dash Indicator **$21.95 E**

NEW ITEM



Cole Hersee



Cole Hersee Master Disconnect Switches

Brass case with chrome plated lever. It is designed to prevent electrical fires, tampering, theft and battery drain when equipment is unattended. Brass mounting stem 3/4" diameter x 1-13/32" long. Fits panels up through 15/16" thick. For 6-36 VDC. Sold each.

Single pole, two positions: Off-On. Disconnect battery circuit only. Two 3/8" diameter stud terminals. 175 amps continuous, 800 amps intermittent, 15 seconds ON, 5 minutes OFF. UL Listed and labeled and with silver contacts.

300551 (M-284-01) S.P.S.T. **$64.95 H**

Double pole, two positions: Off-On. Disconnect battery circuit and field circuit. Two 3/8" and two #10-32 stud terminals. Large stud – 125 amps continuous, 1,000 amps intermittent. Small stud – 20 amps continuous, 15 seconds ON, 5 minutes OFF.

300560 (M-289) D.P.S.T. **$77.95 H**

Cole Hersee



Cole Hersee Battery Selector Switch

Durable, fracture resistant, high temperature engineered plastic case, knob and insulator. Permit current to be carried by either of the two batteries, by two batteries simultaneously or cuts off all current at the source. Ignition protected. Vaporproof, waterproof, dustproof and corrosion resistant. Can be operated through ON positions with engine(s) running. Engine(s) must be shut down before moving to OFF position. Functions with alternators or generators. Three 3/8" diameter heavy duty copper stud terminals with brass hex nuts. May be surface mounted or installed through a panel with a 3-5/16" diameter hole. Flange diameter 6" and overall height 2-5/8". Rated 310 amps continuous, 500 amps intermittent.

300765 (M-750) **$57.95 H**

GUEST



Guest Battery Switches

Tough, glass-filled polycarbonate case. Heavy duty two position switch with alternator field disconnect. For use where high amperage service is required. Measures: 3-1/2" deep x 5-1/2" square.

Rated 450 amps continuous, 800 amps momentary.

378655 (2303A) **$212.95 H**

Rated 600 amps continuous, 1,000 amps momentary.

378667 (2304A) **$218.95 H**

GUEST



Guest Battery Selector Switch

Tough, glass-filled polycarbonate case. Selector switch permits selection of either battery, both batteries in parallel or complete disconnection of both batteries. Alternator disconnect allows switching while engine is running without damage to alternator or electronic equipment. Measures: 3-1/2" deep x 5-1/2" square. Rated 360 amps continuous, 600 amps momentary.

378643 (2300A) **$156.95 H**

GUEST



Guest Cruiser Series Universal Mount Switch

The high impact, molded case is impervious to petroleum-based liquids and feature full 360° selection and a clean, high-tech look. Rated at 230 amps continuous, 345 amps momentary. Heavy duty copper sweep contacts. Marine UL listed. Conform to USCG safety standard 183.410 for ignition protection. Momentary ratings are for five minutes continuous. Diameter 5-1/2". Depth 2-5/8". Cable lug size 3/8".

378668 (2111) **$33.95 H**

Perko Compact, Medium Duty Battery Switches

PERKO®



543987



542530

Perko Fig. 8511 Compact, Medium Duty Battery Selector Switch

Requires 1/3rd less space to mount. Smooth, positive position selector. Popular 90° easy to identify position rotation. Ignition protected. For use with 12, 24 and 32 volt marine electrical systems. Higher rating than popular 8500 Series. Same bolt patterns as Popular 8500 Series. Diameter 4-3/4". Depth 1-7/8".

542530 (8511 DP) **$63.95 H**

Perko Fig. 9611 Compact, Medium Duty Main Battery Disconnect Switch

Requires 1/3rd less space to mount. Smooth, positive position selector. Popular 90° easy to identify position rotation. Ignition protected. For use with 12, 24 and 32 volt marine electrical systems. Higher rating than popular 8500 Series. Same bolt patterns as Popular 8500 Series. Diameter 4-3/4". Depth 1-7/8".

543987 (9611 DP) **$61.95 H**

Perko Medium Duty Battery Switches

Standard features include a make before break design, for use with two or more batteries and single or dual engine systems. They permit selection between batteries for starting and charging or operation of both batteries in parallel. They allow the addition of an extra battery for use with accessories. The "off" position also acts as an emergency disconnect in the event of an electrical problem. Surface mount, red plastic housing with large black plastic knob. Incorporates an improved design to protect the copper contacts and brass terminals used as electrical connections. For use with systems under 50 volts. Capacity – 250 amps continuous, 360 amps intermittent. Diameter 5-1/4". Depth 2-5/8". Ignition protected. Sold each per display pack. Standard pack 5.

PERKO®



Perko Fig. 8501 Battery Selector Switch

Same basic features as described above.

542515 (8501 DP) **$51.95 H**

Perko Fig. 8503 Battery Selector Switch

Alternator field disconnect models. In addition to the standard features the advantage this model feature is that it will prevent damage to the alternator, if accidentally switched to the "off" position while the engine is running.

542527 (8503 DP) **$58.95 H**

PERKO®



Perko Fig. 9601 Main Battery Disconnect Switch

Same basic features as described above, except offered as a main disconnect switch.

543985 (9601 DP) **$49.95 H**

Perko Fig. 9603 Main Battery Disconnect Switch

Alternator field disconnect model. In addition to the standard features the advantage this model feature is that it will prevent damage to the alternator, if accidentally switched to the "off" position while the engine is running. Also offered as a main disconnect switch.

543986 (9603 DP) **$65.95 H 5J**

PERKO®



543990



542538

Perko Fig. 8603 Heavy Duty Battery Selector Switch

Same basic features as described above. Alternator field disconnect to prevent damage to alternator if accidentally switched to the "off" position while engine is running. Capacity - Rated 380 amps continuous, 850 amps intermittent (5 minutes on, 5 minutes off).

542538 (8603 DP) **$175.95 H**

Perko Heavy Duty Main Battery Disconnect Switch

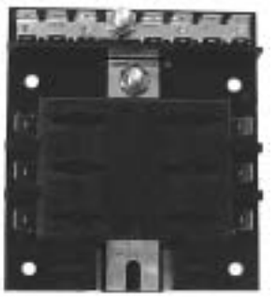
Same basic features as described above. Alternator field disconnect to prevent damage to alternator if accidentally switched to the "off" position while engine is running. Capacity – Rated 450 amps continuous, 1200 amps intermittent (15 seconds on, 5 minutes off).

543990 (9703 DP) **$175.95 H 2J**

Marpac Fuse Blocks



7-0521

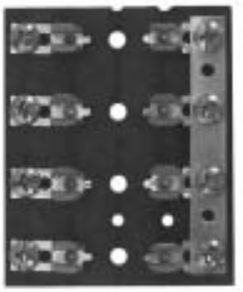


7-0520

Marpac
Fuse Blocks with Ground Bus Bar

These Patented ATO/ATC style fuse blocks allow you to design your own fuse panel. Interlocking modules in various sizes snap together to create any configuration needed. All have 1/4" tab terminals and 8-32 threaded screws. Tin plated copper contacts, flame retardant glass reinforced polyester base and cover. Rated for 30 amps maximum per circuit, 160 amp total for the block, 105 degrees Centigrade. Exclusive modular panels are protected by U.S. Patent 5,073,131.

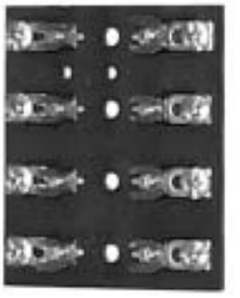
7-0520 6 Gang **$17.95 F 3Q**
7-0521 10 Gang **$21.95 F 3Q**



Marpac Fuse Blocks with Hot Feed

Heavy duty black molded plastic base. Use with SFE or AGC fuses up to 20 amps. Brass fuse clips and 8-32 terminal screws. A common bus bar connects the hot side of the fuses for power feed. Bus bar has 8-32 stud terminal for main power connection.

7-1115 4 Gang **$6.95 F 3Q**
7-1116 6 Gang **$9.95 F 3Q**
7-1117 8 Gang **$14.95 F 3Q**

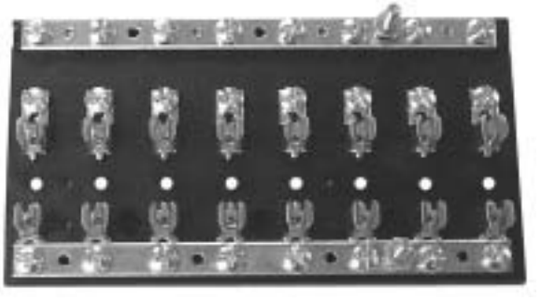


Marpac Fuse Blocks

Heavy duty black molded plastic base. Use with SFE or AGC fuses up to 20 amps. Brass fuse clips and 8-32 terminal screws.

7-0478 4 Gang **$6.95 F 3Q**
7-1111 6 Gang **$9.95 F 3Q**

Marpac Combination Blocks



Marpac Combination Blocks

Heavy duty black molded plastic base. Use with SFE or AGC fuses up to 20 amps. Brass fuse clips and 8-32 terminal screws. A common bus bar connects the hot side of the fuses for power feed. A separate bus bar is provided for ground or unfused common hot feed. Bus bars have 8-32 screw terminals and stud terminals for power/ground main connections.

7-0522 4 Gang **$9.95 F 3Q**
7-0523 6 Gang **$16.95 F 3Q**
7-0532 8 Gang **$15.95 F 3Q**

Blue Sea Systems Fuse Block Systems



Blue Sea Systems
Screw Terminal Blade Fuse Blocks with Cover

Clear insulating cover with label recesses accept small format labels. Cover satisfies ABYC/USCG requirements for insulation. Tin-plated copper buses and fuse clips give 30 Ampere rating per circuit. Accepts ATO and ATC fast acting blade fuses. 20 write-on circuit labels included. 32 volts DC maximum.

380017 (5025) 6 Circuit with Negative Bus **$45.95 F**
380018 (5026) 12 Circuit with Negative Bus **$57.95 F**



Blue Sea Systems
Screw Terminal Glass Fuse Block with Cover

Clear insulating cover with label recesses accept large format labels. Cover insulates all conductive parts, satisfying ABYC/USCG requirements and stores spare fuses. Tin-plated copper buses and Phosphor Bronze fuse clips give 30 Ampere rating per circuit. Accepts AGC, MDL and all other 3AG Glass Fuses. Dimensions: 3-1/4" x 5" x 1-1/4". 32 volts DC maximum.

379366 (5015) 6 Circuit with Negative Bus **$37.95 F**



Blue Sea Systems MEGA Fuse Block

The most economical system for 100-300 Ampere fusing. Insulating cover satisfies ABYC/USCG requirements and cover breakouts allow wire access in any direction. For use on systems up to 32V DC. 5/16" stud terminals accept 5/16" (M8) ring terminals, 14 AWG to 2/0 AWG wire.

379380 (5001) **$24.95 F**



Blue Sea Systems ANL Fuse Block

Insulating cover satisfies ABYC/USCG requirements and cover breakouts allow wire access in any direction. For use on systems up to 32V DC. Large 5/16"-18 studs accept 5/16" (M8) ring terminals, 14 AWG to 2/0 AWG wire. Swing out design allows replacement of the fuse without removing fasteners. Maximum Amperage: 300 Amperes DC.

379455 (5005) **$24.95 F**

Blue Sea Systems Fuses

Blue Sea Systems ANL Fuses

Ignition protected - Safe for installation aboard gasoline powered boats. Silver-plated connector blades for corrosion resistance. Visible indication of blown condition. 6,000 Ampere Interrupt Capacity.

379479 (5122) 50 Ampere **$14.95 F**
379480 (5123) 60 Ampere **$14.95 F**
379483 (5124) 80 Ampere **$14.95 F**
379495 (5125) 100 Ampere **$14.95 F**
379506 (5127) 150 Ampere **$14.95 F**
379518 (5129) 200 Ampere **$14.95 F**
379280 (5131) 250 Ampere **$17.95 F**
379285 (5133) 300 Ampere **$17.95 F**
379290 (5136) 400 Ampere **$17.95 F**
379295 (5137) 500 Ampere **$17.95 F**



Blue Sea Systems MEGA Fuses

Most economical fuse for 100 to 300 Ampere circuit protection. 2,000 Ampere Interrupt Capacity.

379392 (5101) 100 Ampere **$9.95 F**
379405 (5103) 150 Ampere **$9.95 F**
379417 (5105) 200 Ampere **$8.95 F**

Blue Sea Systems PowerPost Cable Connectors



Blue Sea Systems PowerPost Plus Cable Connectors
150 Ampere bus allows small wire connections at high amperage cable connections. Base material: Reinforced Thermoplastic. Bus material: Tin-Plated copper.

379859 (2102) 5/16" x 3/4" Stud **$23.95 F**
379861 (2103) 3/8" x 3/4" Stud **$23.95 F**



Blue Sea Systems PowerPost High Amperage Cable Connectors
Connect high amperage cables securely. Base material: Reinforced Thermoplastic. Continuous amperage: Not rated - amperage flow is between terminals stacked on the post and is determined by wire and terminals used. 48 volts DC maximum.

379863 (2003) 3/8" x 7/8" Stud **$12.95 F**
379864 (2011) 1/4" x 3/4" Stud **$7.95 F**
379865 (2002) 5/16" x 7/8" Stud **$12.95 F**

Blue Sea Systems CableCap Stud Insulators
Insulate stud type connectors on alternators, starters, windlasses and other high amperage devices.

380050 (4010) For Cable Size: 8-4	Red	**$2.95 F**
380060 (4012) For Cable Size: 2-2/0	Red	**$2.95 F**
380070 (4014) For Cable Size: 3/0-4/0	Red	**$2.95 F**
380080 (4011) For Cable Size: 8-4	Black	**$2.95 F**
380090 (4013) For Cable Size: 2-2/0	Black	**$2.95 F**
380100 (4015) For Cable Size: 3/0-4/0	Black	**$2.95 F**



Marpac Terminal Blocks



Marpac Terminal Junction Blocks with Independent Hot Feed Links
Moisture resistant molded plastic insulator base. Brass, nickel plated terminal links and binding screws. Double screw terminals. Protective insulator barrier strips. 8-32 screws.

7-0473 4 Gang **$4.95 F 3Q**
7-0474 6 Gang **$5.95 F 3Q**
7-0167 8 Gang **$5.95 F 3Q**
7-0165 10 Gang **$6.95 F 3Q**



Marpac Terminal Junction Block with Common Hot Feed Connection
Moisture resistant molded plastic insulator base. Solid brass bus bar safely carries up to 36 volts. Two brass 1/4" stud power terminals with hex nuts included. 8-32 round head screws for circuit connectors. Two mounting holes for #10 countersink flat head screws.

7-0168 10 Gang **$11.95 F 3Q**



Marpac Terminal Blocks
Heavy duty black molded plastic base. Two solid brass bus bars with 8-32 terminal screws. For common hot and ground leads.

7-1101 4 Gang **$6.95 F 3Q**
7-1102 6 Gang **$8.95 F 3Q**
7-1103 8 Gang **$11.95 F 3Q**

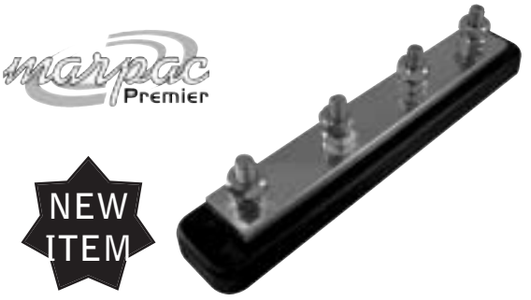
Marpac Terminal Block with 5 Screw Terminals



Marpac Terminal Block with 5 Screw Terminals
Stainless steel studs increase electrical contact. Tin plated copper busbar gives maximum conductivity. Corrosion resistant materials provide excellent protection and performance. Tin plated brass nuts. 8 x 32 screw terminals. Continuous Rating: 100 amperes AC/DC. Maximum Rating: 48 volts DC / 300 volts AC.

7-1171 **$8.95 F 3Q**

Marpac Common Bus Bars



Marpac 100 Amp Common Bus Bar
Stainless steel studs increase electrical contact. Tin plated copper busbar gives maximum conductivity. Corrosion resistant materials provide excellent protection and performance. Tin plated brass nuts. 10 x 32 stud terminals. Continuous Rating: 100 amperes AC/DC. Maximum Rating: 48 volts DC / 300 volts AC

7-1176 **$10.95 F**



Marpac 150 Amp Common Bus Bar
Stainless steel studs increase electrical contact. Tin plated copper busbar gives maximum conductivity. Corrosion resistant materials provide excellent protection and performance. Tin plated brass nuts. 1/4" stud terminals. Continuous Rating: 130 amperes AC, 150 amperes DC. Maximum Rating: 48 volts DC / 300 volts AC

7-1177 **$15.95 F**

Blue Sea Systems Common Bus Bars



Blue Sea Systems
MiniBus 100 Ampere Common Bus Bars
Great for limited space applications. Stainless steel studs allow high torquing for excellent electrical contact. Tin-plated copper busbar for maximum conductivity and corrosion resistance. Base material: Reinforced polycarbonate. Continuous rating: 100 Amperes AC/DC. 48 volts DC maximum. 300 volts AC maximum.

379784 (2304) 5 x 8-32 Screw Terminal **$12.95 F**
379796 (2305) 4 x 10-32 Stud Terminal **$13.95 F**



Blue Sea Systems 150 Ampere Common Bus Bars
Stainless steel studs allow high torquing for excellent electrical contact. Tin-plated copper busbar for maximum conductivity and corrosion resistance. Base material: Reinforced polycarbonate. Continuous rating: 130 Amperes AC, 150 Amperes DC. 48 volts DC maximum. 300 volts AC maximum.

379782 (2301) 10 x 8-32 Screw Terminal **$15.95 F**
379783 (2303) 4 x 1/4" Stud Terminal **$19.95 F**

Blue Sea Systems DualBus Common Bus Bars



Blue Sea Systems
DualBus 100 Ampere Common Bus Bars
Combines negative and positive buses on one block. Tin-plated copper busbar for maximum conductivity and corrosion resistance. Base material: ABS. Continuous rating: 100 Amperes AC/DC. 48 volts DC maximum. 300 volts AC maximum.

379809 (2701)	5 x 8-32 Screw Terminal	**$15.95 F**
379811 (2702)	10 x 8-32 Screw Terminal	**$20.95 F**
379962 (2709)	Cover for **379809** (2701)	**$10.95 F**
379974 (2710)	Cover for **379811** (2702)	**$11.95 F**



Blue Sea Systems
DualBus Plus 150 Ampere Common Bus Bars
Combines negative and positive buses on one block. Tin-plated copper busbar for maximum conductivity and corrosion resistance. Clear polycarbonate cover snaps on to meet Coast Guard and ABYC insulation requirements. Base material: Reinforced polycarbonate. Continuous rating: 130 Amperes AC, 150 Amperes DC. 48 volts DC maximum. 300 volts AC maximum.

379835 (2723)	5/16" Stud, 5 x 10-32 Screw Terminal	**$31.95 F**
379847 (2722)	1/4" Stud, 5 x 10-32 Screw Terminal	**$27.95 F**

Blue Sea Systems Terminal Blocks

Blue Sea Systems 30 Ampere Terminal Blocks
Closed back design completely insulates power from the mounting surface. Each screw pair is one isolated circuit. Jumpers allow creation of common circuits. Bus material: Nickel-Plated brass. Base material: Phenolic. Screw size: #8. Continuous rating: 30 Amperes AC/DC. Voltage rating: 600 volts AC/DC maximum.

379866 (2502)	2 Circuits	**$3.95 F**
379873 (2504)	4 Circuits	**$4.95 F**
379885 (2506)	6 Circuits	**$5.95 F**
379897 (2508)	8 Circuits	**$6.95 F**
379902 (2510)	10 Circuits	**$7.95 F**
379906 (2512)	12 Circuits	**$8.95 F**



Cole Hersee Ignition Switches



Cole Hersee Ignition Switch
All brass construction. Corrosion resistant. 2 positions: Off-on. 2 screw terminals. Rated: 10 amps at 12V DC. Moisture repellent insulators. Chrome plated brass face nut. Key removable in Off position only. Brass mounting stem 13/16"-24, 1-7/32" long. Accommodates panels to 1".

300668 (M-489-BP) **$37.95 H**



Cole Hersee Switch Cover
Weather resistant rubber boot & mounting nuts. Allows key to enter through elastic slot. Chrome plated brass. Thickness: 17/32". Thread: 13/16"-24. Fits **300668** (M-489) and **300688** (M-550) ignition switches.

300810 (M-83288) **$9.95 H**

Cole Hersee Ignition Switch
All brass construction with spring return of start to ignition position. Corrosion resistant. 3 positions: Off-ignition-start. 3 screw terminals. Rated: 10 amps at 12V DC. Moisture repellent insulators. Chrome plated brass face nut. Key removable in Off position only. Brass mounting stem 13/16"-24, 1-7/32" long. Accommodates panels to 1".

300688 (M-550-BP) **$38.95 H**

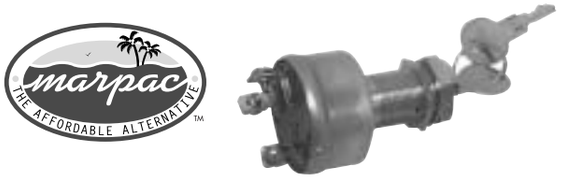


Cole Hersee Ignition Switch
Universal heavy duty battery ignition and start switch. Keyed alike tumbler lock 4 position ignition-starter switch. Zinc die cast case, coded tumbler lock. Max. panel thickness 3/8".

300513 (9579-02) **$34.95 H**



Marpac Ignition Switches



Marpac Ignition Switch - Brass Style
All brass construction with chrome plated face nut and stainless steel springs. 3 positions: Off-Ignition-Start. Automatic return to ignition from start position. Mounting stem 1-5/16" long. Thread diameter 13/16". 3 screw terminals. Rated: 15 amps at 12V DC.

7-0482 **$22.95 F 3Q**



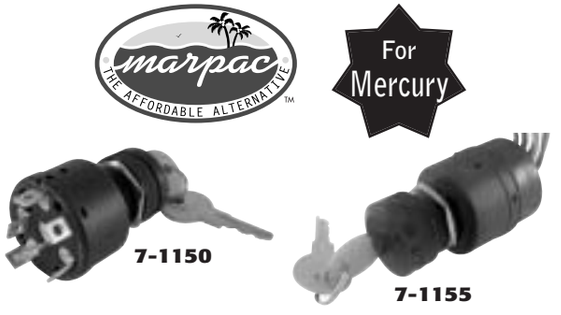
Marpac Ignition Switch - Brass Style
Brass housing with brass back-up nut and chrome plated face nut. 3 positions: Off-Ignition-Start. Accommodates 1-1/8" panel. Thread diameter 13/16". 5 screw terminals. Rated: 10 amps at 12V DC.

7-0480 **$23.95 F 3Q**



Marpac Ignition Switch - Polyester Style
Polyester housing with brass back-up nut & knurled black plastic face nut with rubber cap. 4 positions. Accommodates 1-1/8" panel. Hole size 7/8". 4 blade terminals. Rated: 15 amps at 12V DC.

7-0479 **$22.95 F 3Q**



Marpac Ignition/Choke Switches
Delrin body with brass back-up nut and hex black plastic. 3 positions: Off-Ignition-Start. "Push-To-Choke" feature. Replaces most Mercury. Accommodates 5/8" panel. Magneto.

7-1155 6 Wires Potted Base **$24.95 F 3Q**
7-1150 6 Screw Terminals **$15.95 F 3Q**



Marpac Ignition Switch - Brass Style
All brass construction with chrome plated face nut. 3 positions: Off-Ignition-Start. Automatic return to ignition from start position. Mounting stem 1-7/32" long. Thread diameter 13/16". 3 blade terminals. Rated: Ignition - 10 amps at 12V DC; Start - 5 amps at 12V DC.

7-0885 **$23.95 F 3Q**



Marpac Ignition Switch - Polyester Style
Glass filled polyester housing with chrome plated brass face nut, brass backup nut and stainless steel springs. 3 positions: Off-Ignition-Start. Automatic return from start to ignition positions. Accommodates 1-1/8" panel. Thread diameter 13/16". 3 terminals. Rated: 15 amps at 12V DC.

7-0481 **$15.95 F 3Q**



Marpac Ignition Switch - Polyester Style
Polyester housing with weatherproof seal and drain hole. Brass back-up nut and chrome plated face nut. 3 positions: Off-Ignition-Start. For OMC. Accommodates 1-1/8" panel. Mounting bushing is 13/16" diameter. 5 screw terminals and 1 threaded stud. Rated: 15 amps at 12V DC.

7-0391 **$20.95 F 3Q**



Marpac Ignition/Choke Switch
Delrin stainless steel ignition starter switch. "Push-To-Choke" feature. Replaces Evinrude/Johnson 388173, 390129, 390133 and 393301. Special weather-proofing seal and drain hole. Eliminates need for separate electric choke switch. Accommodates 1/4" panel. Mounting bushing is 1/2" long, 13/16" diameter. 6 screw terminals. Rated: 20 amps at 12V DC.

7-0390 **$16.95 F 3Q**

Marpac Momentary Push Button Switches



Marpac Heavy Duty Momentary Push Button Switch
Glass reinforced seamless polyester housing, internally rubber gasketed with moisture and dust proof rubber cap. Silver contacts. 2 screw terminals. Rated: 30 amps at 12V DC. Brass washer and backup nut. Stainless steel springs. Accommodates 1" panel.

7-0483 **$8.95 F 3Q**



Marpac Momentary Push Button Switch
Chrome plated brass face nut, brass washer and backup nut. 2 screw terminals. Rated: 15 amps at 12V DC. Stainless steel springs. Accommodates 1" panel

7-0487 **$8.95 F 3Q**

Cole Hersee Push Button Switches



Cole Hersee Push Button Switch
Non-corrosive construction. Moisture repellent insulators. Brass case, stem, plunger button, terminals and mounting hardware. 2 positions: Off-momentary on. On with button depressed, spring return to off. Gasket sealed case protects against moisture and dirt. Rated: 10 amps at 12V DC. Mounting stem 5/8"-32, 1" long. Fits panels to 3/4" thick. Sold each per bubble pack. Standard pack 10.

300664 (M-485-BP) **$16.95 H**



Cole Hersee Push Button Switch
Plasticized body sealed against moisture and dirt. 2 positions: Off-momentary on. On with button depressed, spring return to off. Includes: Black moisture repellent rubber cover which snaps over face nut. Two 18 gauge wire leads, 12" long. Mounting stem 5/8"-32, 15/16" long. Fits panels to 1/2" thick. Sold each per bubble pack. Standard pack 10.

300727 (M-608-BP) **$21.95 H**



Cole Hersee Push Button Switch
Non-corrosive construction. Moisture repellent insulators. Brass case, stem, plunger button, terminals and mounting hardware. 2 positions: Off-momentary on. On with button depressed, spring return to off. Includes: Black moisture repellent rubber cover which snaps over face nut. Rated: 35 amps at 12V DC. Mounting stem 5/8"-32, 1-3/8" long. Fits panels to 1" thick. Sold each per bubble pack. Standard pack 10.

300741 (M-626-BP) **$20.95 H**



Cole Hersee Push Button Switch
Non-corrosive construction. Moisture repellent insulators. Brass case, stem, plunger button, terminals and mounting hardware. 2 positions: Off-momentary on. On with button depressed, spring return to off. Includes: Recessed plunger button within oversized face nut to prevent accidental actuation. Mounting stem 5/8"-32, 1-3/8" long. Fits panels to 1" thick. Sold each per bubble pack. Standard pack 10.

300739 (M-612-BP) **$26.95 H**

Cole Hersee Switch Cover

Cole Hersee Switch Cover
Cap is permanently fastened to mounting nut by rolled brass bezel. Durable, resilient rubber cap. Deep threaded 5/8"-32 aluminum mounting nut assures positive seal. Fits M-485, M-608 and M-626 push button switches. Sold each per display box.

300805 (M-83280-03) Black **$2.95 H**
300525 (M-83280-02) Red **$1.95 H**



Marpac Push Button Switches



Marpac Push Button Switch
Black plastic contoured push button. Compact size push button switch for horn starter or other momentary on functions. Face and back up nuts provided. Two male 1/4" blade terminals. Uses 1/2" mounting hole in dash or panel. Rated: 15 amps at 12V DC.

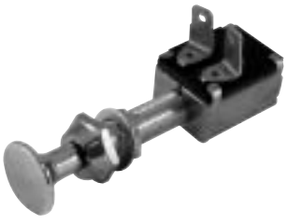
7-1160 **$4.95 F 3Q**



Marpac Horn Switch
Chrome plated brass housing. Momentary on-off push button switch. Black plastic button. Not ignition protected. Dia. 1-1/2", Overall width 2-5/8", Height 1". Rated: 15 amps at 12V DC.

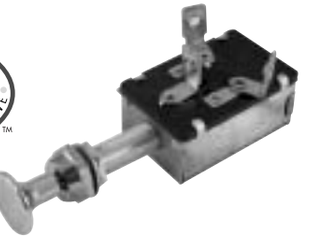
7-0485 **$5.95 F 3Q**

Marpac Push-Pull Switches



Marpac Push-Pull Switches
Solid brass construction. Chrome plated brass knob and chrome plated brass face nut. 2 positions: Off-on. Normally off. Overall length is 3-1/8", width 7/8". Mounting stem 3/8" diameter. Accommodates 1" panel. Rated: 15 amps at 12V DC.

7-0489 With 2 Screw Terminals **$6.95 F 3Q**
7-0886 With 2 Blade Terminals **$7.95 F 3Q**



Marpac Push-Pull Switch
Chrome plated brass knob and chrome plated brass face nut, brass washer and brass backup nut. 3 positions: Off-on-on. Normally off. Stainless steel springs. Two separate circuits. Mounting stem 3/8" x 1-1/4". Accommodates 1" panel. 3 screw terminals. Rated: 15 amps at 12V DC.

7-0491 **$8.95 F 3Q**



Marpac Push-Pull Switch
Solid brass construction. Chrome plated brass knob and chrome plated solid brass face nut. 3 positions: Off-on-on. Normally off. Use for anchor/running lights or similar functions. Two separate circuits. Mounting stem 3/8" diameter. Accommodates 1" panel. 4 screw terminals. Rated: 15 amps at 12V DC

7-0493 **$8.95 F 3Q**

Marpac Bucket of Savings - Push-Pull Switches



Marpac Bucket of Savings - Push-Pull Switches
Sold 24 push-pull switches per bucket.

7-0489S 2 Positions: Off-On **$119.76 E**
7-0491S 3 Positions: Off-On-On **$131.76 E**

Cole Hersee Push-Pull Switches



Cole Hersee Push-Pull Switch

All brass construction. 2 positions: Off-on. Normally off. 2 screw terminals. Chrome plated brass knob. Gasket sealed case protects against moisture and dirt. Complete with face nut, washer and hex nut for mounting. Rated: 10 amps at 12V DC. Mounting stem 3/8"-32 thread, 1-1/4" long. Mounts in panels up through 3/4" thick. Sold each per bubble pack. Standard pack 10.

300652 (M-482-BP) **$18.95 H**



Cole Hersee Push-Pull Switch

All brass construction. 3 positions: Off-on #1-on #1 and #2. Normally off. 3 screw terminals. Energizes one circuit in first position and both circuits in second position. Chrome plated brass knob. Complete with face nut, washer and hex nut for mounting. Rated: 10 amps at 12V DC. Mounting stem 3/8"-32 thread, 1-1/4" long. Mount in panels up through 1" thick. Sold each per bubble pack. Standard pack 10.

300640 (M-476-BP) **$36.95 H**



Cole Hersee Push-Pull Switch

Plasticized body sealed against moisture and dirt. 2 positions: Off-on. Normally off. Two 18 gauge insulated copper wire leads, 12" long. Chrome plated brass knob. Complete with face nut, washer and hex nut for mounting. Rated: 10 amps at 12V DC. Mounting stem 3/8"-32 thread, 1-1/4" long. Mounts in panels up through 5/8" thick. Sold each per bubble pack. Standard pack 10.

300715 (M-606-BP) **$21.95 H**

Marpac Rocker Switches





Marpac Contura Rocker Switches

Non-illuminated black plastic rocker switch. Rated: 20 amps at 12V DC.

7-0535	2 Position	Off-On		**$7.95 F 3Q**
7-0536	2 Position	Off-Mom. On		**$7.95 F 3Q**
7-0537	3 Position	On-Off-On		**$7.95 F 3Q**
7-0538	3 Position	Mom. On-Off-Mom. On		**$8.95 F 3Q**
7-0539	3 Position	On-Off-On (6 Terminal)		**$10.95 F 3Q**

Illuminated black plastic rocker switch. Rated: 20 amps at 12V DC.

7-0540	2 Position	Off-On	SPST	**$9.95 F 3Q**
7-0541	2 Position	Off-Mom. On	SPST	**$9.95 F 3Q**
7-0542	3 Position	On-Off-On	SPDT	**$9.95 F 3Q**
7-0543	3 Position	Mom. On-Off-Mom. On	DPST	**$15.95 F 3Q**
7-0544	3 Position	On-Off-On	DPDT	**$14.95 F 3Q**





Marpac Euro-Style Rocker Switches

Non-illuminated black plastic rocker switch. Rated: 16 amps at 12V DC. Fits Contura cut-out.

7-1135	2 Position	On-Off	SPST	**$4.95 F**
7-1136	2 Position	Off-Momentary On	SPST	**$4.95 F**
7-1137	3 Position	On-Off-On	SPDT	**$4.95 F**
7-1138	3 Position	Mom. On-Off-Mom. On	SPDT	**$4.95 F**
7-1139	3 Position	On-Off-On	DPDT	**$4.95 F**

Illuminated black plastic rocker switch. Glows white when on, can be seen in daylight. Rated: 16 amps at 12V DC. Fits Contura cut-out.

7-1140	2 Position	On-Off	SPST	**$4.95 F**
7-1144	3 Position	On-Off-On	SPDT	**$5.95 F**



Marpac Illuminated Rocker Switches

Red illuminated black plastic rocker switch. Single pole. All rockers require 27/32" x 1-15/32" rectangular cut out. Rated: 20 amps at 12V DC.

7-0531	Off-On	3 Terminals	**$3.95 F 3Q**
7-0530	On-Off-On	4 Terminals	**$5.95 F 3Q**



Marpac Rocker Switches

Non-illuminated black plastic rocker switch. Single pole. All rockers require 27/32" x 1-15/32" rectangular cut out. Rated: 20 amps at 12V DC.

7-1200	Off-On	2 Terminals	**$3.95 F 3Q**
7-1205	On-Off-On	3 Terminals	**$4.95 F 3Q**
7-1235	Momentary On-Off-Mom. On	3 Terminals	**$11.95 F 3Q**
7-1230	Off-Momentary On	3 Terminals	**$10.95 F 3Q**



Marpac Illuminated Rocker Switch

Red illuminated on/off rocker switch designed to fit Marpac switch panels 7-0510, 7-0511, and 7-0512. Rated at 10 amps.

7-0533	Off-On	3 Terminals	**$2.95 F 3Q**

Marpac Toggle Switches



Marpac Toggle Switches
Black plastic paddle and locking ring with lever seal and knurled cap nut. Sealed to resist water penetration. Fits panels up to 1/4" thick. Rated: 20 amps at 12V DC. 1/4" spade terminals. Mount in 15/32" diameter panel hole.

7-0462	Off-On	2 Terminals	**$3.95 F 3Q**
7-0464	Off-Momentary On	2 Terminals	**$3.95 F 3Q**
7-0463	On-Off-On	6 Terminals	**$4.95 F 3Q**
7-0465	Momentary On-Off-Mom. On	6 Terminals	**$5.95 F 3Q**



Marpac Toggle Switch
Nickel plated off-on indicator plate; assembled. Two 6" long wire leads. Bat handle. Rated: 6 amps at 125V AC. Mounting stem: 15/32" length.

7-0529 Off-On **$3.95 F 3Q**



Marpac Toggle Switch
For use with 7-0516, 7-0517, and 7-0518 switch panels.

7-0534 **$3.95 F 3Q**
7-0519 Protective Boot **$2.95 F 3Q**



Marpac Universal Toggle Boot Seals
Fits switches with 15/32" mounting stem and handles to 11/16". Protects against dirt and moisture. Use with: 7-0462, 7-0463, 7-0464, 7-0465, 7-0528, 7-0529, 7-1290, 7-0880, 7-0881, 7-0882, 7-0883 and 7-0884.

7-0468 Black **$1.95 F 3Q**
7-0887 Grey **$5.95 F 3Q**



Marpac Illuminated Toggle Switches
Translucent plastic paddle. Switch illuminates white when dash lights are turned "on". Changes to red light when switch is in "on" position. 1/4" spade terminals. Rated: 15 amps at 12V DC. For panels up to 3/8".

7-0528 Off-On **$4.95 F 3Q**
7-1290 On-Off-On **$6.95 F 3Q**



Marpac Heavy Duty Toggle Switches
Plastic housing with plated steel cap. Nickel plated brass mounting stem - 15/32"-32 thread and 15/32" length. Nickel plated brass handle - 11/16" length. Universal applications. Rated: 25 amps at 12V DC.

7-0880	Off-On	2 Term.	SPST	**$4.95 F 3Q**
7-0881	On-Off-On	3 Term.	SPDT	**$5.95 F 3Q**
7-0883	Mom. On-Off-Mom. On	3 Term.	SPDT	**$7.95 F 3Q**
7-0884	Off-Mom. On	2 Term.	SPST	**$6.95 F 3Q**
7-0882	On-Off-On	6 Term.	DPDT	**$8.95 F 3Q**



Marpac Toggle Switch
All brass with nickel plated brass face nut and brass back up nut. Rated: 20 amps at 12V DC. Mounting stem: 7/16"-28 thread, 3/8" length and 7/16" diameter.

7-1270 Off-On **$4.95 F 3Q**

Cole Hersee Toggle Switches



Cole Hersee
Medium Duty SPST Toggle Switch
Phenolic housing with plated steel frame. Chrome plated brass handle, facenut and mounting stem. Standard handle. Single pole. 2 screw terminals. Silver contacts. 2 positions: Off-on. Stem mounting: 15/32"-32 thread. Fits panels through 9/32" thick. Sold each per display box.

300690 (M-484) **$11.95 H**
300800 (81264-BP) Boot Seal **$6.95 H**



Cole Hersee Heavy Duty SPST Toggle Switch
Golden dichromate dip housing. 2 brass screw terminals. Corrosion resistant. Copper & bronze contacts – heavy duty. Chrome plated brass handle 1-1/16" long. 2 positions: Off-on. Surface mounting screw holes. Stem mounting: 15/32"-32 thread. Fits panels through 3/16" thick. Sold each per display box.

300703 (M-594) **$15.95 H**

Perko Fig. 514 Toggle Switch



Perko Fig. 514 Toggle Switch
Single pole, single throw (Off-on). Nickel plated brass toggle with chrome plated face nut. Maximum panel thickness 5/16". Neck diameter 7/16". Rated: 6 amps at 12 volts. Sold each per display pack. Standard pack 10.

539683 (514 DP) **$27.95 H**
300800 (81264-BP) Boot Seal **$6.95 H**

Blue Sea Systems WeatherDeck Toggle Switches



Blue Sea Systems WeatherDeck Toggle Switches
Single pole. Specially manufactured by Carling Technologies for use in Blue Sea Systems' WeatherDeck™ Panels. Nickel-plated brass and phenolic non-corrosive construction. Rated: 15 amps at 12V DC. Terminal size: 1/4". Terminal type: Quick connect tab.

379407	(4150)	Single Throw	Off-On	**$6.95 F**
379408	(4151)	Single Throw	Off-Mom. On	**$6.95 F**
379409	(4152)	Double Throw	On-Off-On	**$6.95 F**
379410	(4153)	Double Throw	Mom. On-Off-On	**$6.95 F**
379411	(4154)	Double Throw	Mom. On-Off-Mom. On	**$6.95 F**

Blue Sea Systems WeatherDeck Toggle Switch Boot



Blue Sea Systems WeatherDeck Toggle Switch Boot
Replaces dress nut for mounting on WeatherDeck Panel Switches. UV resistant material resists discoloration and cracking. Case material: UV resistant silicone rubber. Thread material: Nickel-plated brass. Thread: 15/32". Black.

379406 (4138) **$4.95 F**

Toggle Boot Seals



Marpac Universal Toggle Boot Seals

Fits switches with 15/32" mounting stem and handles to 11/16". Protects against dirt and moisture. Use with: 7-0462, 7-0463, 7-0464, 7-0465, 7-0528, 7-0529, 7-1290, 7-0880, 7-0881, 7-0882, 7-0883 and 7-0884.

7-0468 Black **$1.95 F 3Q**
7-0887 Grey **$5.95 F 3Q**



Cole Hersee Toggle Switch Seal

Rubber boot bonded to brass nut with 15/32"-32 thread. Mounting surface of nut has O-ring seal for moisture and dirt protection. Fits standard handles up to 11/16". Covers entire toggle handle. For **539683** (514 DP) and **300690** toggle switches.

300800 (M-81264-BP) **$7.95 H**

Cole Hersee Red Indicator Lights



Cole Hersee
Red Indicator Light with Multi Faceted Lens

Insulated. Double contact. Gasket sealed lens for protection from weather and dirt. Moisture repellent molded phenolic insulator. Plated brass bezel 1-1/4" diameter. Lens 15/16" diameter. Mounting stem 7/8" diameter, 1-1/4" long. Supplied with 12 volt bulb. Sold each per display pack.

300602 (M-326-RC-BP) **$32.95 H**
219457 (68) Spare Bulb **$1.95 H**



Cole Hersee Red Indicator Light with Smooth Lens

Insulated. Single contact with ground wire for use on insulated panels. Chrome plated brass bezel 7/8" diameter. Lens 17/32" diameter. Mounting stem 3/4" diameter, 1-1/16" long. Supplied with 12 volt bulb. Sold each per display pack.

300587 (M-320-RC-BP) **$20.95 H**
219433 (53) Spare Bulb **$4.95 H**

Trojan Commercial Battery



Special Handling May Apply

Trojan Commercial Battery

8D commercial 12 volt battery has 1155 cc with a reserve capacity of 400 (mins) overall. Dimensions: 20-3/4" L x 11-1/8" W x 10-7/8" H. App. weight 125 lbs.

335314 (8D-1100) **$224.95 E**

Trojan Deep Cycle Marine Batteries



Special Handling May Apply

Trojan Deep Cycle Marine Batteries

12 volt deep cycle battery has 470 CCA with a reserve capacity of 125 min. Overall dimensions 11-1/4" L x 6-3/4" W x 9-3/4" H. App wt. 41 lbs.

335326 (24TMS) **$109.95 E**

12 volt deep cycle battery has 630 CCA with a reserve capacity of 160 min. Overall dimensions 12-3/4" L x 6-3/4" W x 9-3/4" H. App wt. 50 lbs.

335324 (27TM) **$120.95 E**

Battery Boxes


237342


237330


237354

Battery Boxes
Polypropylene construction for total acid resistance. Vented. Complete with hold-down straps and mounting hardware. USCG approved. Large battery box.

Overall dimensions (including top): 14" L x 9-5/8" W x 10-5/8" H. For batteries up to 11-1/8" L x 7-3/4" W x 10-1/8" H (24/24M batteries).

7-0034 **$7.95 E**

Overall dimensions (including top): 16-7/8" L x 9-5/8" W x 10-7/8" H. For batteries up to 13-7/8" L x 7-1/4" W x 10-1/2" H (27/27F/27M batteries).

7-0036 **$8.95 E**

Overall dimensions (including top): 18-3/4" L x 9-1/4" W x 10-1/4" H. For batteries up to 15-7/16" L x 7-1/8" W x 9-3/4" H, including 27F series batteries.

237354 (9084-1) **$18.95 H**

MOELLER


666846


666822

Moeller Heavy Duty Battery Boxes
Molded of FDA approved linear polyethylene. These ultra durable battery boxes have a wall thickness of .22", are chemical resistant and will not rust or corrode. Gray. Meets the CFR 177.1520 criteria. Sold each.

Battery Capacity: (2) Standard batteries.
666810 (42212) 17.5" D x 13" W x 13" H **$57.95 E**

Battery Capacity: (1) 4D battery.
666822 (42204) 23.63" D x 12.5" W x 14.63" H **$70.95 E**

Battery Capacity: (1) 8D battery.
666846 (42208) 25" D x 15" W x 13.06" H **$76.95 E**
666860 (42209) 24.56" D x 14.75" W x 15.44" H **$81.95 E**

Battery Capacity: (2) 8D batteries.
666884 (42210) 27.5" D x 24.5" W x 14" H **$113.95 E**
666908 (42211) 27.5" D x 24.5" W x 16.25" H **$117.95 E**

Battery Accessories

Minn Kota Trolling Motor Power Center
Ideal for small boat, transom trolling motor applications. Features easy access external battery terminals that allow trolling motor leads and charger leads to be connected without opening the box. Built-in battery meter displays battery state of charge. Includes two 12 volt accessory plugs. Includes two manual reset circuit breakers: One 10 amp breaker for the accessory plugs and one 60 amp breaker for the trolling motor. Fits group 24 and 27 size batteries.

476718 (1820175) **$67.95 D**



attwood



Attwood Battery Trays
Heavy duty, non-corrosive black plastic. Includes adjustable-height crossbar and two retaining bolts. Meets ABYC Standard E-10 and U.S. Coast Guard requirements. Patented design. Install with #10 screws. Sold each per poly bag.

237304 (9090-5) For 24/24M Battery Series **$10.95 H**
237316 (9091-5) For 27/27M Battery Series **$11.95 H**

Marpac Battery Trays



NEW ITEM

Marpac Deluxe Battery Trays
Made from non-corrosive composites. Durable construction for long life. Includes: Stainless steel installation screws.

7-2195 For Series 24 and 24M Batteries **$10.95 F**
7-2196 For Series 27, 30 and 31 Batteries **$10.95 F**



NEW ITEM

Marpac Economy Battery Trays
Made from non-corrosive composites. Durable construction for long life.

7-2197 For Series 24 and 24M Batteries **$5.95 H**
7-2198 For Series 27, 30 and 31 Batteries **$5.95 H**



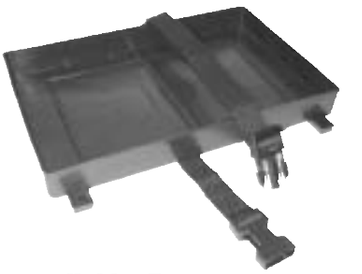
Marpac Battery Trays
7-2199S Sold (25 of Each) 24 & 27 Series **$275.95 H**

T-H Marine Battery Trays



T-H Marine Dual Battery Holder Tray
This tray is designed to securely install two 27 series batteries in the absolute tightest space. By placing the batteries side-by-side in one tray, the extra space and fasteners for two trays are eliminated. Great for dual trolling motor batteries. Meets NMMA specs for battery retention.

640062 (DBH-27P) **$18.95 H**



T-H Marine Narrow Battery Holder Trays
Designed to have the absolute smallest dimensions possible for mounting batteries in tight spaces. These trays eliminate 1-1/2" - 2" of space when mounting trays side-by-side. Molded of acid proof polypropylene and available with poly strap hold down or rod hold down. Meets NMMA specs for battery retention.

640018 (NBH-24P) For 24 Series Batteries **$5.95 H**
640020 (NBH-27P) For 27 Series Batteries **$5.95 H**
640036 (NBH-31P) For 29/31 Series Batteries **$5.95 H**
640044 (NBH-27P-B) 20 Per Box **$99.95 H**
640056 (NBH-24P-B) 20 Per Box **$99.95 H**



T-H Marine Replacement Strap

T-H Marine Battery Holder Replacement Strap
Fits all T-H Marine poly strap hold-downs. Length 38".

639990 (BS-1) **$4.95 H**

Charles Marine - Solid Power



Samaritan A.E.D. Heart Defibrillator

The Samaritan A.E.D. heart defibrillator, is portable, lightweight (4.2 lbs.) water-resistant and designed for an individual with little or no medical training. Clear, concise voice and text prompts guide the user. The unit's battery records event data that can be downloaded to a PC. Nearly 300,000 people die from sudden cardiac arrest (SCA) each year, most before reaching a hospital. Now, there is an onboard, easy-to-use, medical device that can help you save a life. Each Samaritan A.E.D. marine package includes: an A.E.D. (2) sets of pads, an intelli-pak battery and soft carrying case. Additional accessories are available.



Isolation Transformers and IsoBoosts®

As boaters we love to cruise - each outing offering a new place to explore. However, as we move from dock to dock the power that we connect to may vary, wreaking havoc with expensive onboard equipment. Charles Isolation Transformers protect the boat from a host of shore-side power nemeses including galvanic corrosion, fluctuations in power, noise and polarity problems. The IsoBoost function pumps up power so that equipment gets the voltage power necessary to operate properly, especially the fridge and AC - essentials during the heat of summer or on southern cruises. Charles transformers are Marine UL Listed, made in the USA and meet all ABYC requirements. 30, 50 and 100 amp models are available.

Charles Marine Battery Chargers with Battery Type Selector Switch

Charles 5000 SP and 2000 SP Series Battery Chargers feature a battery type selector switch that allows boaters to charge either lead acid, gel or AGM batteries. All chargers are 3-bank and feature 3-stage charging and the ability to act as a power supply. Sturdily constructed from corrosion resistant materials, these chargers offer ignition, thermal and over-current protection for added safety. 5000 SP Series Chargers are marine UL listed. 5000 SP Series 12V 10-100 amp, 24V 10-60 amp, 120 or 240VAC; 2000 SP Series 12V 10-50 amp, 120VAC.



Charles Marine Battery Chargers



Charles Marine Dual Pro Xtreme Battery Chargers

Incorporate two different charging technologies in one housing. One technology charges your batteries while plugged in conventionally, while the other charges your batteries while the engine is running.

2 bank. Output: 10/10. Output Amperage: 20 amp.

284604 (93-XTRM2-A) **$294.95 D**

3 bank. Output: 10/10/10. Output Amperage: 30 amp.

284605 (93-XTRM3-A) **$362.95 D**



Charles Marine Dual Pro XL Series Battery Charger

2 bank. Output: 6/6. Output Amperage: 12 amp.

284603 (93-XL2-A) **$161.95 D**

Minn Kota Battery Chargers



Minn Kota On Board Battery Chargers

Fully automatic 3-stage charging - Except: **476778** (MK106) which is 2-stage charging. Automatic temperature compensation delivers fast charging recover. Waterproof, shock- and vibration-resistant construction. Short circuit, reverse polarity and ignition protected. Saltwater tested and fully resistant to corrosion. For use with 12V/6-cell batteries that are flooded/wet cell, maintenance free or starved electrolyte only. FCC Compliant and UL Listed to Marine Standard 1236.

1 bank, 6 amps per bank. 6 amps total output. Dim: 8-3/4" L x 4-3/4" W x 3" H.
476778 (1821060) MK106 **$89.95 B**

2 banks, 5 amps per bank. 10 amps total output. Dim: 11-1/2" L x 7-1/2" W x 4" H.
476792 (1822100) MK210 **$138.95 B**

2 banks, 10 amps per bank. 20 amps total output. Dim: 13-1/2" L x 7-1/2" W x 4" H.
476829 (1822200) MK220 **$208.95 B**

3 banks, 5 amps per bank. 15 amps total output. Dim: 12-1/2" L x 7-1/2" W x 4" H.
476843 (1823150) MK315 **$178.95 B**

3 banks, 10 amps per bank. 30 amps total output. Dim: 16-1/4" L x 7-1/2" W x 4" H.
476867 (1823300) MK330 **$288.95 B**

4 banks, 10 amps per bank. 40 amps total output. Dim: 11-3/4" L x 6-3/4" W x 8" H.
476869 (1824400) MK440 **$377.95 B**



476871



476870

Minn Kota On Board Battery Chargers - 15 AMP

Offers the fastest charge times available. A super-charged replacement for an existing unit, they use the same footprint as other popular original equipment chargers. No new drilling or holes required. Fully automatic 3-stage charging. Automatic temperature compensation delivers fast charging recover. Waterproof, shock- and vibration-resistant construction. Short circuit, reverse polarity and ignition protected. Saltwater tested and fully resistant to corrosion. For use with 12V/6-cell batteries that are flooded/wet cell, maintenance free or starved electrolyte only. FCC Compliant and UL Listed to Marine Standard 1236.

476870 (1822300) MK230 2 Bank - 30 amps Total Output **$278.95 B**
476871 (1823450) MK345 3 Bank - 45 amps Total Output **$367.95 B**
476872 (1824600) MK460 4 Bank - 60 amps Total Output **$467.95 B**



Minn Kota Portable Battery Charger - 10 AMP

Fully automatic 3-stage charging (Bulk, absorption and maintenance). LED display indicates power ON, charging, full charge and check connection. Short circuit and reverse polarity protection prevents the charger from operating if improperly connected to the battery. For use with 12V/6-Cell batteries that are flooded/wet cell, maintenance free or starved electrolyte only. 1 bank. 10 amps total output. Dimensions: 7" L x 9" W x 7-3/4" H. FCC compliant. UL Listed to 1236 standard.

476790 (1820110) MK110P **$84.95 B**

Minn Kota Remote Battery Monitor



Minn Kota Remote Battery Monitor

Check the condition of your batteries without having to get into your battery compartment. Instant LED readout of remaining charge at the push of a button (100/75/50/25%). Indicator light illuminates when your battery is being charged. Flush mount design (Requires two 1/8" mounting holes and one 3/4" hole for battery leads). Waterproof construction. Includes: 18' fused battery leads. Dimensions: 4.6" L x 2.4" W.

476671 (1820096) 3 Bank Monitor **$73.95 E**

Pro Charging Systems Battery Chargers

PRO Charging Systems

NEW ITEM



Pro Charging Systems
Professional Series Battery Chargers

Pro Charging Systems keeps boaters on the water longer while extending the life of their batteries. Dual Pro charging technology has been and continues to be the choice of over 50 boat manufacturers and professional fishermen on the B.A.S.S. and FLW tournament circuit. The "Green" Charger: Totally "Repairable" Not a Throw-Away, Fully Automatic and Totally Waterproof.

284590	(PS2) (2) 15 amp Banks	30 amps	12V, 24V	**$290.95 D**
284592	(PS3) (3) 15 amp Banks	45 amps	12V - 36V	**$398.95 D**
284594	(PS4) (4) 15 amp Banks	60 amps	12V - 48V	**$491.95 D**

PRO Charging Systems

NEW ITEM



Pro Charging Systems
Sportsman Series Battery Chargers

Advanced microprocessors and LED readings make the units even easier to use. Designed for use on land and in fresh and salt water. Fully automatic and totally waterproof. The "Green" Charger: Totally "Repairable" Not a Throw-Away.

284600	(SS2) (2) 10 amp Banks	20 amps	12V, 24V	**$229.95 D**
284601	(SS3) (3) 10 amp Banks	30 amps	12V - 36V	**$302.95 D**
284602	(SS4) (4) 10 amp Banks	40 amps	12V - 48V	**$395.95 D**

PRO Charging Systems

NEW ITEM



Pro Charging Systems
Recreational Series Go Chargers Battery Chargers

The system is engineered for users who need a charging system on an occasional basis and may not want or need the capabilities of a heavier duty and higher amperage product. Approved for Wet Cell and Absorbed Glass Mat (AGM) batteries. Designed for use in fresh and salt water, dependable, rugged construction and waterproof. LED lights indicate "Each Battery's" state of charge. Reverse polarity protected and no installation restrictions. Two year warranty.

284596	(RS2) (2) 6 amp Banks	12 amps	12V, 24V	**$129.95 D**
284598	(RS3) (3) 6 amp Banks	18 amps	12V - 36V	**$179.95 D**

PRO Charging Systems

NEW ITEM



Pro Charging Systems
Charge On The Run Battery Chargers

This unit utilizes boat engine charging current to charge auxiliary batteries while the engine is running. There are no connections to the ignition system or engine. Just connect to the starting and auxiliary batteries. Provides up to 30% more battery time on the water. The unit is fully waterproof with reverse polarity and short circuit protection. Designed for use on land and in fresh and salt water.

284587	(CR1) 1 Bank	12V		**$119.95 D**
284588	(CR2) 2 Banks	12V, 24V		**$139.95 D**

PRO Charging Systems

NEW ITEM



Pro Charging Systems
Go Charge Maintainer/Battery Charger

The system is engineered for users who need a charging system on an occasional basis and may not want or need the capabilities of a heavier duty and higher amperage product. The system delivers superior value to customers. 2.0 Amps. Measures: 1-5/8" H x 1-3/4" W x 3-7/8" L.

284589 (GC122) **$59.95 D**

Guest ChargePro™ Onboard Waterproof Battery Chargers

Components are completely sealed in durable, corrosion-proof, waterproof thermal potting compound. Potted components are fully impact protected. Shockproof and vibration-proof. Built-in electronic overload protection with automatic reset. Reverse polarity and ignition protection. LEDs indicate state of charge. "Smart" technology can be left on without harmful effects to battery. All models are designed for storage/maintenance. Thermal protection for extreme ambient temperatures. Recharge dead batteries.

GUEST



Guest ChargePro™
Waterproof Battery Charger - 10 amps

A trolling motor charger for the boater who needs 10 - 12 hour full recovery, Model #2611 is ideal for systems with two 12 volt batteries or a 24 volt configuration. Comes prewired with a 6' AC cord and two 4' DC outputs. Input voltage range: 90-140V AC. Total output: 10 amps. Dimensions: 7-3/4" W x 5-1/8" H x 2-1/16" D.

379188 (2611A) 2 Banks **$138.95 H**

GUEST



Guest ChargePro™
Waterproof Battery Charger - 13 amps

Designed for the weekend angler, a full featured on-board charger for 12 or 24 volt systems. With a fully independent 3 amp output for cranking and two 5 amp outputs for trolling or house batteries, this pre-wired unit is ideal for Group 24 or Group 27 batteries. Total output: 13 amps. Comes prewired with a 6' AC cord and three 4' DC outputs. Dimensions: 9-1/4" W x 6" H x 3-1/4" D.

379191 (2613A) 3 Banks **$293.95 H**

GUEST



Guest ChargePro™
Waterproof Battery Charger - 20 amps

For the most serious fisherman or for the small cruisers with two house batteries, a high performance unit for 12 or 24 volt systems. It supplies 20 amps of power via two individual 10 amp circuits for totally independent charging of two batteries. Total output: 20 amps. Comes prewired with a 6' AC cord and two 6' DC outputs. Dimensions: 9-1/4" W x 6" H x 3-1/4" D.

379194 (2620A) 2 Banks **$291.95 H**

GUEST



Guest ChargePro™
Waterproof Battery Charger - 30 amps

Model 2631 is the ultimate in charging for professional fishermen and small cruisers who use house batteries heavily. Designed for 12, 24 or 36 volt systems, three independent 10 amp outputs constant charging for each battery. Total output: 30 amps. Comes prewired with a 6' AC cord and three 6' DC outputs. Dimensions: 12-5/8" W x 6" H x 3-1/4" D.

379197 (2631A) 3 Banks **$533.95 H**

Schumacher Portable Battery Chargers

Schumacher ELECTRIC CORPORATION



Schumacher Model SS-51A-PE
Ship 'N Shore Auto Charger - 10 amp

Fully automatic - turns charger on and off as needed. LED light - indicates when battery is fully charged. Easy to read, color-coded, impact-resistant meter. Reverse polarity protection and spark-proof connection for added safety. Automatic resetting circuit breaker. All plastic, rust-proof, shock-resistant case for added durability. Heavy duty clamps for a perfect connection. Heavy duty transformer for longer life. State of the art, solid-state circuitry.

603832 (SS-51A-PE) **$102.95 E**

Schumacher ELECTRIC CORPORATION



Schumacher
Model SS-1500A Battery Charger - 15 amp

15/10/2 Amp Battery Charger/Maintainer/Tester for 12 Volt Batteries. 15 Amp Fast Charge - charger monitors battery condition and adjusts charge rate to prevent battery damage. 10 Amp Fast Charge - self-adjusting charge rate for every-day charging needs and keeping your battery in peak condition. 2 Amp Slow Charge - for charging small batteries and maintaining large ones. Microprocessor controlled. Built-In tester. Desulphation/restore mode. Multi-stage, automatic charging. Easy-to-read digital LED. Electronic push button controls.

603815 (SS-1200A) **$119.95 E**

Newmar Battery Chargers



Newmar Model HDM-24-35 Battery Charger

Ferro resonant circuitry provides high continuous output from a wide AC input range. Automatically self-limiting output is ideal for applications with periodic high continuous 24 VDC requirements, followed by intervals of no load allowing for full battery recovery. Input: 80-140 VAC, 60 Hz. Output: 35 amps continuous at 24 VDC. Dimensions: 11.9" H x 10.5" W x 7.8" D (with drip shield installed add 1.25" H). 24 volts.

700359 (HDM 24-35) 35 amps **$1,659.95 H**



Newmar ABC Series Battery Chargers - 12 Volt

Utilizes time tested SCR charging circuitry, individually sensing and regulating each of 2 isolated battery banks, allowing the user to leave the charger operating indefinitely, even under no-load conditions without fear of overcharging. Housed in a rugged, black anodized aluminum, heat-sink case. Features: A total output ammeter, on-off power switch, power "on" indicator light, 115/230 VAC input voltage selector switch, factory installed AC power cord with molded plug and shock-resistant rubber mounting grommets. 2 banks. 12 volt.

700307 (ABC 12-8)	8 amps	8" H x 6" W x 4.2" D	**$480.95 H**
700323 (ABC 12-25)	25 amps	11.9" H x 4.7" W x 6.2" D	**$735.95 H**

Newmar Battery Chargers - Phase Three Series

The Phase Three series represents a new dimension in charger design and performance, employing "smart" switching circuitry which puts batteries through the optimum three-step charge process, adapts for gel-cell or lead-acid batteries, features precise voltage compensation for varying battery temperature, is rated for continuous duty and is housed in a rugged stainless steel case. Phase Three Chargers interact with batteries by regulating both voltage and amperage through each phase of the charging process, depending on battery state of charge, temperature, impedance, duration at high rate, system demand and battery type. Multi-battery output, charges 3 banks on demand.



12 Volt Models

700370 (PT-14)	14 amp	85/264V Input	**$632.95 H**
700373 (PT-25)	25 amp	90/132V or 180/264V Input	**$769.95 H**
700345 (PT-40CE)	40 amp	85/135V or 170/270V Input	**$1,299.95 H**

24 Volt Models

700372 (PT-24-8)	8 amp	85/264V Input	**$612.95 H**
700374 (PT-24-13)	13 amp	90/132V or 180/264V Input	**$769.95 H**
700371 (PT-24-20CE)	20 amp	85/135V or 170/270V Input	**$1,299.95 H**
700376 (PT-24-450)	45 amp	90/264V Input, Output 24V	**$2,302.95 H**
700377 (PT-24-45F)	45 amp	207/253V Input	**$2,302.95 H**
698146 (RP)	Remote Panel		**$118.95 H**



Newmar Phase Three Monitor/Control Unit

ABS Approved. Digital DC voltmeter; reads DC system status to nearest 1/10th volt on up to three separate battery banks; provides local/remote high/low voltage alarm capability. Output voltage adjustment potentiometer (-4% to +5%). Double pole circuit breaker for local on-off control and AC over-current protection. AC "ON" indicator light.

700384 (PT-MCU) **$612.95 B**

Newmar Battery Chargers - Phase Three Modular



NEWMAR

MFG #	Modules Installed	Maximum Output Amps	Max Input Amps @ 115/230 VAC
PTMS-12-100	3	100 @ 12 V	18/9
PTMS-24-67	3	67 @ 24 V	18/9

Newmar Battery Chargers - Phase Three Modular

Case accommodates three 550 watt charger modules. Increase output power by adding modules. Redundant, independent, charger modules increase reliability–a malfunction of one does not disable the charging system; remaining modules continue to operate. Three stage "smart" charging; bulk, absorption, float. Battery type selector switch; gel-cell, lead-acid, AGM. Temperature compensated output option. Numerous diagnostic and system status indicators. 12 Volt; 33-100 amps or 24 Volt; 22-67 amps. "Universal" input of 90-264 VAC, 50-60 Hz. – can be used anywhere in the world. Powder coated stainless steel case.

700390 (PTMS-12-100) 12 Volt **$3,449.95 D**

700396 (PTMS-24-67) 24 Volt **$3,449.95 D**

Newmar DC-DC Converters



NEWMAR

Newmar DC-DC Converter - Standard Series

Convert 20-50V DC to 13.6V DC negative ground output for powering communication/navigation equipment, on negative ground systems. Excellent regulation. Numerous converter and load protection circuits: Current limiting, automatic thermal shutdown, short circuit proof, reverse polarity and overvoltage protection. Heat generated by semi-conductors is extracted and dissipated by large heat sink fins that maximize air contact for coolest operation and long life of components. Polyurethane conformal coating on PC boards & corrosion resistant anodized aluminum case with heavy duty shock mounts assures survival in hostile environments. Intermittent 35 amps. Continuous 30 amps. Peak 40 amps. Dimensions: 6" H x 4.7" W x 16" D.

700662 (32-12-35) **$1,096.95 H**

NEWMAR



Newmar DC-DC Converter - Isolated Series

Provides voltage conversion and negative/positive ground reference compatibility. This converter offers the same construction as the standard series, but provide total input/output isolation. This permits connection of negative ground gear to positive or floating ground battery systems, or vice-versa. Features: Reverse polarity protection, input fuse, output fuse, current limiting, short circuit proof output, automatic resetting thermal shutdown, input transient protection and high-low input voltage shutdown. Input: 20-56V DC. Intermittent 9 amps. Continuous 5 amps. Peak 20 amps. Dimensions: 4.25" H x 5.9" W x 14" D.

700318 (48-24-9I) 24.5 volt **$1,176.95 H**

NEWMAR



Newmar Automatic Power Selector

A solid state device which enables installation of a seamless, redundant power system for critical electronic loads. It selects the higher voltage of two isolated power sources and routes power to the load. Should one source fail, the other will automatically supply the load with no transfer delay. Voltage rating: 6-50 VDC. Maximum load current: 70 amps.

700434 (APS-70) **$98.95 D**

Charles Marine Battery Chargers

Charles Marine C-Charger 5000 SP Series
Battery Chargers with Battery Type Selector Switch

The only Marine UL chargers available with a battery type selector switch, allow you to charge Lead Acid, Gel or AGM batteries. Tested by Marine UL for safety and durability against impact, vibration, temperature and shock. Feature 3-stage charging, with temperature compensation, which delivers the greatest charge when the battery is most able to accept it., prevents overcharging and extends battery life. Restore up to 3 banks simultaneously. These units also act as a power supply providing constant voltage to DC components such as bilge pumps or DC lighting. Ignition and reverse-polarity protected, designed with corrosion resistant components, a heavy-duty enclosure and heat sink for durability in the marine environment. Run cool and quiet, no RFI or EMI interference. Meet FCC Class B requirements. The convenient design features an easy-to-read DC ammeter, access to terminal connections and fuses and exterior slots for easy mounting. Mfr.'s five-year limited warranty.

12 volt 10-100 amp, 24 volt 10-60 amp, 120vAC, 50/60Hz models; 12 volt 10-100 amp, 24 volt 20-60 am 220vAC, 50/60Hz international models.

S/O	(93-12105SP-A)	10 amp	2 Bank	13.5V Output	**Price on Request**
284606	(93-12155SP-A)	15 amp	2 Bank	13.5V Output	**$412.95 E**
284618	(93-12205SP-A)	20 amp	3 Bank	13.5V Output	**$502.95 E**
284620	(93-12305SP-A)	30 amp	3 Bank	13.5V Output	**$675.95 E**
284628	(93-12405SP-A)	40 amp	3 Bank	13.5V Output	**$807.95 E**
S/O	(93-12505SP-A)	50 amp	3 Bank	13.5V Output	**Price on Request**
284632	(93-12605SP-B)	60 amp	3 Bank	13.5V Output	**$1,071.95 E**
S/O	(93-12805SP-A)	80 amp	3 Bank	13.5V Output	**Price on Request**
S/O	(93-121005SP-A)	100 amp	3 Bank	13.5V Output	**Price on Request**
S/O	(93-24105SP-A)	10 amp	3 Bank	27.3V Output	**Price on Request**
284644	(93-24205SP-A)	20 amp	3 Bank	27.3V Output	**$833.95 E**
S/O	(93-24305SP-A)	30 amp	3 Bank	27.3V Output	**Price on Request**
284656	(93-24405SP-A)	40 amp	3 Bank	27.3V Output	**$1,391.95 E**
S/O	(93-24505SP-A)	50 amp	3 Bank	27.3V Output	**Price on Request**
284658	(93-24605SP-A)	60 amp	3 Bank	27.3V Output	**$2,710.95 E**

5 Year Warranty on 5000 SP Series Battery Chargers





Charles Marine
C-Charger 9000 Series Marine Battery Charger

This is a paragon of simplicity, using a self-regulating ferroresonant transformer devoid of any complicated switching circuits. Built of rugged, stainless steel and high quality components. Marine UL listing ensures durability and safety. Restores up to 3 individual battery banks simultaneously. Prevents overcharging & damage, extending the life of the battery. Ignition protected. Easy-to-read DC ammeter indicates the charge rate. Height 13". Width 11-1/2". Depth 10-1/4".

284666 (CI3230A) 30 amp 3 Bank 32V Output **$1,470.95 E**





Charles Marine HQ Battery Chargers

LED indicator pilot lamp. Quick disconnect on/off switch on front cover. Separate voltmeter and ammeter. Multi-bank (3), multi-stage (bulk, absorption and float) battery charger. Ability to work as power supply. Thermal, over-current, ignition and reverse polarity protected. Drip shield (necessary) included. 5-year manufacturers limited warranty. Made in the U.S.A.

284580	(9Q-12255HQ-A)	12 Volt	25 amp	**$588.95 E**
284582	(9Q-12455HQ-A)	12 Volt	45 amp	**$751.95 E**
284584	(9Q-24255HQ-A)	24 Volt	25 amp	**$878.95 E**
284586	(9Q-24455HQ-A)	24 Volt	45 amp	**$1,501.95 E**

ABS Spec Chargers Available

Newmar Power Supplies - Heavy Duty Series



MFG #	Height	Width	Depth	Weight
115-12-8	4.9"	5.9"	6.0"	10 lbs.
115-12-20A	6.0"	4.6"	8.5"	20 lbs.
115-12-35CD	5.7"	7.8"	16.0"	32 lbs.
115-24-18CD	5.7"	7.8"	16.0"	32 lbs.
115-24-35CD	6.5"	13.0"	18.8"	60 lbs.

Newmar Power Supplies - Heavy Duty Series

Designed for powering 12 and 24 volt communication/navigation equipment in commercial marine applications where reliability is essential. The proven linear circuit design provides pure output and long life. Input voltage 105-125/210-250 VAC. Output voltage 12 volt models: 13.6 VDC. 24 volt models: 24.5 VDC.

12 Volt Models

700561 (115-12-8)	Intermittent 8 amps	Continuous 5 amps	**$460.95 H**
700585 (115-12-20A)	Intermittent 20 amps	Continuous 8 amps	**$996.95 H**
700600 (115-12-35CD)	Intermittent 35 amps	Continuous 35 amps	**$1,436.95 H**

24 Volt Models

700054 (115-24-18CD)	Intermittent 18 amps	Continuous 18 amps	**$1,574.95 H**
700066 (115-24-35CD)	Intermittent 35 amps	Continuous 35 amps	**$2,392.95 H**

Charles Marine Continuous Duty Power Supplies



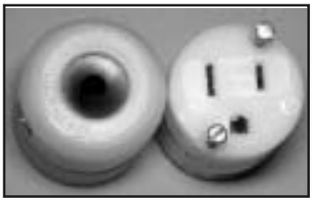
Charles Marine Continuous Duty Power Supplies

Constructed of tough, anodized aluminum housing that stands up to the elements – including extreme heat, humidity and salt air. Circuit boards with UL – recommended coatings provide the ultimate in environmental protection and hydrolyte stability – meets requirements of MIL-I46058C. Continuous output at 13.6V DC. 120 volt/60 Hz input.

284668 (93-PS1230-A) 30 amp 12 volt Output	**$873.95 E**
284670 (93-PS2430-A) 30 amp 24 volt Output	**$1,221.95 E**

15 amp, 125 volt, 2 Pole, 3 Wire, Straight Blade

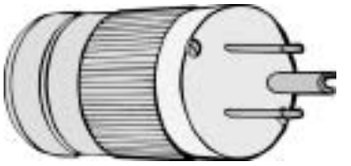
MARINCO-AFi



Marinco Female Connector
15 amp, 125 volt. Straight blade. Yellow nylon. Sold each per poly bag.

217528 (5269CR) **$28.95 F**

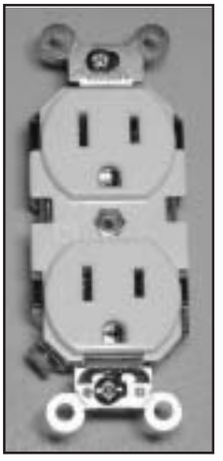
MARINCO-AFi



Marinco Male Plug
15 amp, 125 volt. Straight blade. Yellow nylon. Sold each per poly bag.

217530 (5266CR) **$30.95 F**

MARINCO-AFi



Marinco Duplex Receptacle
15 amp, 125 volt. Straight blade. Yellow. Sold each per poly bag.

217592 (5262CRR) **$35.95 F**

217489



217605



Marinco Ground Fault Duplex Receptacle
15 amp, 125 volt. Ground fault circuit interrupter (GFCI) duplex receptacle. Includes cover. White. Sold each per poly bag.

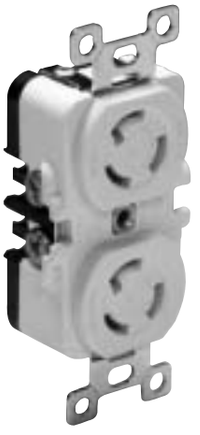
217605 (1591-FI WHT) **$39.95 F**

Marinco Stainless Steel Receptacle Cover
Stainless steel receptacle cover with lift lid. For **217605** (1591-FI WHT) ground circuit interrupter duplex receptacle.

217489 (7879CR-FI) **$69.95 F**

15 amp, 125 volt, 3 Pole, 3 Wire, Locking Type

MARINCO-AFi



Marinco Duplex Receptacle
15 amp, 125 volt. Locking type. Yellow. Sold each per poly bag.

217542 (4700CR) **$70.95 F**

MARINCO-AFi



Marinco Male Plug
15 amp, 125 volt. Locking type. Yellow nylon. Sold each per poly bag.

217566 (4721CR) **$17.95 F**

MARINCO-AFi



Marinco Female Connector
15 amp, 125 volt. Locking type. Yellow nylon. Sold each per poly bag.

217578 (4731CR) **$28.95 F**

Marpac Cord Sets

Cord Sets - 30 amp, 125 volt, 2 Pole, 3 Wire, Twist Lock



Marpac Cord Sets
30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock. #10 AWG factory prewired with molded-on devices. Connector end has non-metallic threaded sealing ring which makes inlet/connector interface watertight.

7-1405	Length 25'	White	**$60.95 D**
7-1406	Length 25'	Yellow	**$61.95 D**
7-1410	Length 50'	White	**$5496.95 D**
7-1411	Length 50'	Yellow	**$95.95 D**

Marinco PowerCord Plus™ Cord Set



Marinco PowerCord Plus™ Cord Set
30 amp 125 volt. Features: LED power indicator light adds safety and convenience by glowing red to give immediate indication that electricity is flowing. Contour grip on both the plug and connector ends that conform to the shape of your hand. Thumbprint locator. Super flexible 10 gauge 3 conductor cable. Easy Lock™ system. High quality marine grade construction. Watertight molded plug and connector.

217314 (50SPP) Length 50' **$122.95 F**

Charles Marine 15 amp to 30 amp Cord Set





Charles Marine 15 amp to 30 amp Cord Set
Designed for trailer-able boats to connect to dockside power pedestals.

395955 (1530PCM35L) Length 35' **$56.95 D**

30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock



Marpac Female Locking Connector
30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock. Use with **7-1461** cover.

7-1425 **$31.95 E**



Marinco Female Locking Connector
30 amp, 125 volt. Yellow nylon with Cablock system. Use with **217352** (103ELN) and **218316** (103RN) covers. Sold each per poly bag.

217415 (305CRCN) **$33.95 F**



Marpac Covers for Female Connector
Covers for **7-1425** female locking connector.

7-1460 White **$14.95 E**
7-1461 Yellow **$14.95 E**



Marinco Weatherproof Covers for Female Connector
Weatherproof cover with sealing ring for **217415** (305CRCN) female locking connector. Yellow Marineguard II. Sold each per poly bag.

218316 (103RN) **$17.95 F**

Weatherproof cover with Easy Lock Ring for **217415** (305CRCN) female locking connector. Yellow Marineguard II. Sold each per poly bag.

217352 (103ELN) **$19.95 F**



Marpac Male Locking Plug
30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock. Use with **7-1466** cover.

7-1430 **$23.95 E**



Marinco Male Locking Plug
30 amp, 125 volt. Yellow nylon with Cablock system. Use with **218304** (102N) cover. Sold each per poly bag.

217439 (305CRPN) **$17.95 F**



Marpac Covers for Male Plug
Covers for **7-1430** male locking plug.

7-1465 White **$8.95 E**
7-1466 Yellow **$8.95 E**



Marinco Weatherproof Cover for Male Plug
Weatherproof cover without locking connecting ring for **217439** (305CRPN) male locking plug. Yellow Marineguard II. Sold each per poly bag.

218304 (102N) **$11.95 F**

Marinco Sealing Collar with Threaded Ring
Sealing collar with threaded ring for use with 20 and 30 amp twist lock cords and weatherproof boots. Provides maximum moisture protection between cordset and adapter. Sold each per poly bag.

217338 (110R) **$12.95 F**



30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock

MARINCO-AFi



Marinco Standard Power Inlet - White

30 amp, 125 volt. Marine grade UV stabilized glass-filled polyester construction with Easy Lock System. Soft touch cap design. 4-way right angle rear safety enclosure. Stainless steel trim on square flip-lid cover.

217376	(301EL-B)	**$59.95 F**
217388	(301CRMB) Replacement Interior	**$27.95 F**
217427	(305CRMB) Replacement Interior	**$25.95 F**



Marinco Power Inlet - Stainless Steel

30 amp, 125 volt. Solid cast 315 stainless steel with Easy Lock System. Soft touch cap design. 8-way right angle rear safety enclosure. Lock waterproof cap.

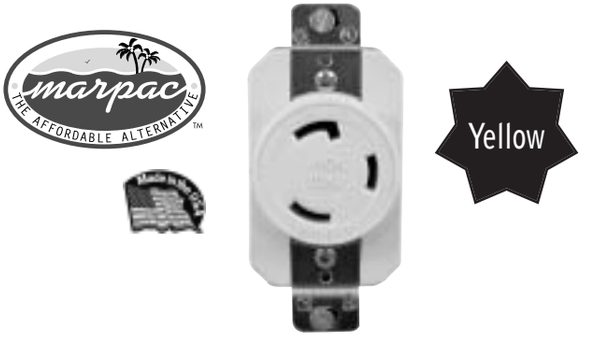
217403	(303SSEL-B)	**$93.95 F**
217427	(305CRMB) Replacement Interior	**$25.95 F**



Marpac Boat Inlet

30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock. White polycarbonate with flip cover.

7-1470 **$36.95 E**



Marpac Receptacle

30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock. Yellow NEMA Lf-30R receptacle.

7-1420 **$20.95 E**

Charles



Charles Marine Cover Plate

30 amp grey cover plate. For **7-1420** receptacle.

396426 (P30) **$50.95 E**

MARINCO-AFi



Marinco Weatherproof Cover

Weatherproof cover, yellow Lexan with lift lid. Fits 15A, 20A and 30A single receptacles.

218506 (7420CR) **$42.95 F**

MARINCO-AFi



Marinco Locking Receptacles

30 amp 125 volt. Dock side locking receptacle. Corrosion resistant reinforced nylon construction. Accepts 8 gauge stranded wire or up to 6 gauge with ring terminals.

217934	(305CRR)	Yellow	**$33.95 F**
217441	(305CRRB)	Black	**$33.95 F**

Marpac Shorepower (End Cap Display) 30 amp, 125 volt, 3 Pole, 3 Wire, Twist Lock



Marpac Shorepower (End Cap Display)

This display includes the following items. Display also comes with promo kit containing header card, list price card, shelf talkers & price stickers at no charge.

- (1) 7-1405 - 30 amp - 25' Cordset
- (2) 7-1410 - 30 amp - 50' Cordset
- (2) 7-1420 - 30 amp - Receptacle
- (2) 7-1425 - 30 amp - Female Connector
- (2) 7-1430 - 30 amp - Male Plug
- (1) 7-1435 - 30 amp to 15 amp Adapter
- (1) 7-1440 - 15 amp to 30 amp Adapter
- (1) 7-1445 - 30 amp/15 amp Adapter
- (1) 7-1450 - 15 amp/30 amp Adapter
- (2) 7-1460 - 30 amp - Boot with Ring
- (1) 7-1465 - 30 amp - Boot
- (1) 7-1470 - 30 amp - Poly Hull Inlet

7-1499 **$623.95 E**

50 amp, 125 volt, 2 Pole, 3 Wire, Ship-to-Shore



Charles Marine Male Plug
50 amp, 125 volt. Use with **396730** (50C) cover. Sold each.

396665 (50MI) **$77.95 E**



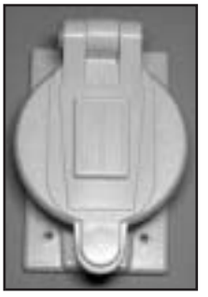
Charles Marine Cover
Yellow Seal-Tite cover for weatherproofing connector bodies or plugs. Use with **396665** (50MI) male plug. Sold each.

396730 (50C) **$17.95 E**



Marinco Receptacle
50 amp, 125 volt. Black nylon receptacle. 3 wire system: 1 hot, 1 neutral and 1 ground. Sold each.

217225 (6370CR) **$124.95 F**



Marinco Weatherproof Cover with Lift Lid
Weatherproof cover. Yellow Lexan with lift lid. Fits 50 amp receptacles 6369CR and **217225** (6370CR). Sold each.

218568 (7788CR) **$54.95 F**



Charles Marine Female Connector
50 amp, 125 volt. Use with **396728** (50CR) locking cover. Sold each.

396653 (50FI) **$94.95 E**



Charles Marine Locking Cover
50 amp. Yellow cover with blue ring. Use with **396653** (50FI) female connector. Sold each.

396728 (50CR) **$23.95 E**



Charles Marine Receptacle
50 amp, 125 volt NEMA L5-50R receptacle. Sold each.

396704 (R50) **$98.95 E**



Charles Marine Cover Plate
50 amp. Grey cover plate. Use with **396704** (R50) receptacle. Sold each.

396754 (P50) **$70.95 E**

50 amp, 125/250 volt, 3 Pole, 4 Wire, Ship-to-Shore



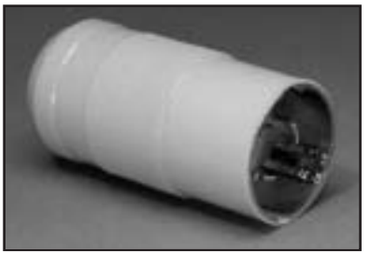
Charles Marine Male Plug
50 amp, 125/250 volt. Use with **396730** (50C) cover. Sold each.

396867 (50HMI) **$76.95 E**



Charles Marine Female Connector
50 amp, 125/250 volt. Use with **396728** (50CR) locking cover. Sold each.

396855 (50HFI) **$98.95 E**



Marinco Male Locking Plug
50 amp, 125/250 volt. Corrosion materials. Use with **217136** (7717N) cover. Sold each.

217198 (6365CRN) **$91.95 F**



Marinco Female Locking Connector
50 amp, 125/250 volt. NEMA SS-2. 4 wire connector/3 blade openings. Corrosion resistant materials. Use with **217263** (7715CRN) cover. Sold each.

217174 (6364CRN) **$106.95 F**



Charles Marine Cover
Yellow Seal-Tite cover for weatherproofing connector bodies or plugs. Use with **396867** (50HMI) male plug. Sold each.

396730 (50C) **$17.95 E**



Charles Marine Locking Cover
50 amp. Yellow cover with blue ring. Use with **396855** (50HFI) female connector. Sold each.

396728 (50CR) **$23.95 E**



Marinco Weatherproof Cover for Male Plug
Weatherproof boot for with 50 amp male plugs 6361CRN and **217198** (6365CRN) male locking plugs. Yellow. Sold each.

217136 (7717N) **$21.95 F**



Marinco Weatherproof Cover for Female Connector
Weatherproof cover with threaded ring for use with 6360CRN and **217174** (6364CRN) female connectors. Yellow. Sold each.

217263 (7715CRN) **$28.95 F**

50 amp, 125/250 volt, 3 Pole, 4 Wire, Twist Lock

MARINCO-AFi

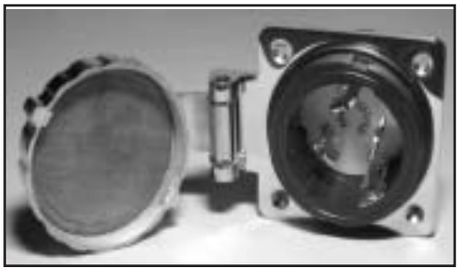


Marinco Non-Metallic Standard Power Inlet

50 amp, 125/250 volt. Marine grade UV stabilized glass-filled polyester construction with Easy Lock System. 4 wire locking. Watertight cap. Marine stainless steel trim. Rear safety enclosure with strain relief. Sold each.

217150 (6353EL-B) **$96.95 F**

MARINCO-AFi



Marinco Power Inlet - Stainless Steel

50 amp, 125/250 volt. Solid cast 316 stainless steel with Easy Lock System. Soft touch cap stays open in the upright position. Rear safety enclosure with strain relief. Locking waterproof cap. 4 wire locking. Sold each.

217249 (6373EL-B) **$177.95 F**

Charles



Charles Marine Cord Set - Length 50'

50 amp, 125/250 volt. 50' cord set with heavy duty connectors. Sold each.

397011 (50HPC50) **$593.95 E**

Charles



Charles Marine Cover Plate

50 amp. Grey cover plate. Use with **396893** (R50H) receptacle. Sold each.

396754 (P50) **$70.95 E**

Charles



Charles Marine Receptacle

50 amp, 125/250 volt. NEMA L6-50R receptacle. Sold each.

396893 (R50H) **$93.95 E**

MARINCO-AFi



Marinco Receptacle

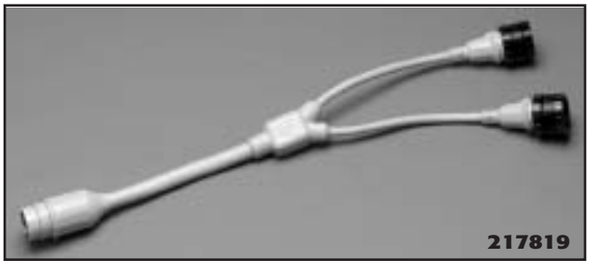
50 amp, 125/250 volt. Black nylon receptacle. 4 wire system: 2 hot, 1 neutral and 1 ground. Sold each.

217213 (6369CR) **$126.95 F**

Electrical Y-Adapters



MARINCO-AFi



Marinco Y-Adapters
These adapters are equipped with covers and sealing collars and are for use in wet locations.

Two 30 amp, 125 volt locking female connector with sealing collar system to 50 amp, 125/250 volt locking male plug.

217819 (153AY) **$237.95 F**

Two 30 amp, 125 volt locking female connector with sealing collar system to 30 amp, 125 volt locking male plug.

217845 (157AY) **$213.95 F**

Marinco Reverse Y-Adapter
50 amp, 125/250 volt locking female connector with sealing collar system to two 30 amp, 125 volt locking male plug.

217869 (167RYN) **$444.95 F**

Charles



Charles Marine Y-Adapter
Permits use of two 30 amp, 125 volt twist-lock cable sets to be used with one 30 amp, 125 volt twist-lock receptacle.

397100 (A3030Y30) **$190.95 E**

Charles Marine Y-Adapter
Permits use of two 30 amp, 125 volt twist-lock cable sets to be used with one 50 amp, 125 volt twist-lock receptacle.

397097 (A3030Y50) **$278.95 E**

Charles Marine Y-Adapter
Permits use of two 30 amp, 125 volt twist-lock cable sets to be used with one 50 amp, 125/250 volt twist-lock receptacle.

397073 (A3030Y50H) **$251.95 E**

Charles Marine Y-Adapter
Permits use of two 50 amp, 125 volt twist-lock cable sets to be used with one 50 amp, 125/250 volt twist-lock receptacle.

397059 (A5050Y50H) **$549.95 E**

Electrical Straight Adapters

MARINCO-AFi



Marinco One-Piece Adapters
These adapters does not have covers and are not recommended for use in wet locations.

15 or 20A, 125V straight blade female connector to 20A 125V locking male plug.

217631 (80A) **$54.95 F**

15 or 20A, 125V straight blade female connector to 30A 125V locking male plug.

217643 (81A) **$44.95 F**

30A, 125V locking female connector to 15A 125V straight blade male plug.

217655 (83A) **$44.95 F**

marpac
THE AFFORDABLE ALTERNATIVE™

White



Marpac Female Straight Adapter
Permits use of 15 amp or 20 amp, 125 volt straight blade plug with 30 amp, 125 volt twist-lock receptacle. Not for wet locations.

7-1450 **$30.95 E**

Marpac Male Straight Adapter
Permits use of 30 amp, 125 volt twist-lock plug with 15 amp, 125 volt straight blade receptacle. Not for wet locations.

7-1445 **$35.95 E**

Marinco Pigtail Adapters

MARINCO-AFi



Marinco Pigtail Adapters

These adapters are equipped with covers and sealing collars (where indicated) and are for use in wet locations. Marinco's unique sealing collar system with cover joins the adapter to the cordset with a positive, mechanical connection which provides maximum moisture protection.

30 amp, 125 volt locking female connector with sealing collar system to 15 amp, 125 volt straight blade male plug with locking screw.

217756 (104A) **$58.95 F**

15 amp, 125 volt straight blade female connector to 30 amp, 125 volt locking male plug.

217706 (105A) **$64.95 F**

50 amp, 125 volt locking female connector with sealing collar system to 30 amp, 125 volt locking male plug.

217720 (111A) **$188.95 F**

30 amp, 125 volt locking female connector with sealing collar system to 50 amp, 125/250 volt locking male plug.

217768 (121A) **$148.95 F**

Straight Adapters

Charles

marpac THE AFFORDABLE ALTERNATIVE™



Charles Marine Straight Adapters

Permits use of 50 amp, 125 volt cable set with 30 amp, 125 volt receptacle.

397174 (A5030S) **$205.95 E**

Permits use of 30 amp, 125 volt cable set with 50 amp, 125 volt receptacle.

397225 (A3050S) **$129.95 E**

Permits use of 30 amp, 125 volt cable set with 50 amp, 125/250 volt receptacle.

397237 (A3050HS) **$171.95 E**

Marpac Straight Adapter

Permits use of 30 amp, 125 volt twist-locking connector with 15 amp, 125 volt straight blade plug.

7-1446 Yellow **$35.95 E**

Marpac Straight Adapter

Permits use of 15 or 20 amp, 125 volt straight blade connector with 30 amp, 125 volt twist-lock plug.

7-1451 Yellow **$30.95 E**

Marpac Straight Adapters

Permits use of female 30 amp, 125 volt locking connector with male 15 amp, 125 volt straight blade plug.

7-1435 White **$42.95 E**
7-1436 Yellow **$42.95 E**

Marpac Straight Adapters

Permits use of 30 amp, 125 volt locking plug with 15 amp, 125 volt straight blade connector.

7-1440 White **$43.95 E**
7-1441 Yellow **$43.95 E**

Charles Marine C-Cable Smart "Y" Adapter

2 Year Warranty

Charles



Charles Marine C-Cable Smart "Y" Adapter

Adapters with two shore power receptacles. Plug and cover assemblies are constructed of a thermoplastic UL recognized vinyl, providing a watertight and weatherproof seal. Glass-filled nylon and polycarbonate internal components maintain the highest degree of electrical insulation. Nickel-plated phosphor bronze contact blades. Doubles shore voltage – draw 240V from two 120 volt shore receptacles. (1) 50 amp - 240 volt connectors to (2) 30A/125V plugs, yellow.

284757 (93-SMTY50-A) **$475.95 E**

Marinco FS and FD Boxes

MARINCO-AFi



Marinco FS Box with Cord Grip and PVC Adapter
Comes with cord grip and PVC adapter. Use with PH6595 inlet and **218051** (PH6597TV) and PH6597 outlets. Black plastic.

218241 (PH6619) **$37.95 F**

MARINCO-AFi



Marinco FS Box
Black non-metallic. Two 3/4" K.O. holes. Accepts 15A, 20A and 30A receptacles and 7420CR weatherproof cover.

218405 (6080) **$28.95 F**

MARINCO-AFi



Marinco FD Box
Yellow fiberglass. Two 3/4" K.O. holes. Accepts 15A, 20A, 30A and 50A receptacles and 7420CR and 7788CR weatherproof covers.

218417 (6083CR) **$59.95 F**

Marinco Phone and Cable TV Accessories

MARINCO-AFi



Marinco Standard Phone and Cable TV Inlet
Glass-filled polyester. Watertight cap. Stainless steel trim on cap. Contains telephone and cable TV connections.

218140 (PH6574TV) **$98.95 F**

MARINCO-AFi



Marinco TV Cable Cordset
Standard 75 ohm, RG59-U with quick, slip-on connections and heavy duty boots on both ends. Yellow.

218227 (TV99) Length 50' **$88.95 F**

Marinco Phone Cordset
3 Conductor #16SJTO vinyl cord provides telephone connection for RV's and pleasure boats. Yellow.

218215 (PH6599) Length 50' **$184.95 F**

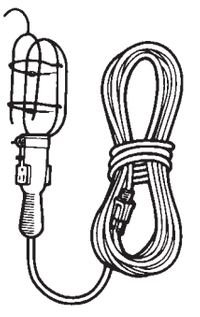
Marinco Phone/TV Cordset
Both cables jacketed together. Telephone and TV connections are molded on each end. Features 18" spliced cable at dockside for connections which are in separate power centers. Yellow.

218049 (PHTV6599) Length 50' **$331.95 F**

Deka Heavy Duty Drop Light

Deka

QUALITY SYSTEM CERTIFIED TO ISO 9001



Deka Heavy Duty Drop Light
Heavy duty drop light features built-in extension outlet and grounded bulb guard with stationary handing hook. Rustproof galvanized metal head protects bulb. Plastic molded handle resists heat and has on-off switch. Drop light meets OSHA specifications. Type: SJT. Gauge: 16/3. 125V Rating: 13A. Color: Orange. Length 25'.

525139 (00582) **$31.95 H**

30 amp, 125 volt, 3 Wire Trolling Motor Connectors

MARINCO-AFi



Marinco Locking Receptacles
30 amp, 125 volt. Dock side locking receptacle. Corrosion resistant reinforced nylon construction. Accepts 8 gauge stranded wire or up to 6 gauge with ring terminals.

217934 (305CRR) Yellow **$33.95 F**
217441 (305CRRB) Black **$33.95 F**

MARINCO-AFi



Marinco Male Locking Plug
30 amp, 125 volt. Short housing, black nylon with internal strain relief system and recessed fasteners.

217922 (305BP) **$19.95 F**

Marinco Trolling Motor Connectors

MARINCO-AFi



Marinco Trolling Motor Plug - Male
Trolling motor male plug connects to trolling motor. Jumpered internally to supply 12 volt and 24 volt power to the trolling motor when plugged into the receptacle. Locking. Black. Note: For 12 volt only trolling motors, use **217972** (2018BP-12).

217984 (2018BP-24) **$21.95 F**

MARINCO-AFi



Marinco Charger Plug - Male
Charger male plug connects to a 12 volt battery charger to allow simultaneous charging of two 12 volt batteries when plugged into the receptacle. Locking. Red.

217972 (2018BP-12) **$22.95 F**

MARINCO-AFi



Marinco Receptacle and Bracket
Spring loaded flip lid cover and **217960** (2018BR) receptacle, pre-assembled. Convenient mounting. 12/24 volt locking. Glass reinforced corrosion resistant nylon. Accepts 8 gauge stranded wire or up to 6 gauge with ring terminals. Black.

217996 (2018BR-MB) **$68.95 F**

MARINCO-AFi



Marinco Receptacle
12/24 volt locking. Glass reinforced corrosion resistant nylon. Accepts 8 gauge stranded wire or up to 6 gauge with ring terminals. Black.

217960 (2018BR) **$46.95 F**

Marinco Charging/Trolling System Package



MARINCO-AFi





Marinco Charging/Trolling System Package
Package includes: **217972** (2018BP-12), **217984** (2018BP-24) and **217996** (2018BR-MB). Enclosed in one package and economically priced.

218001 (2018PKG) **$91.95 F**

Marinco On-Board Charger Inlet

MARINCO-AFi



Marinco On-Board Charger Inlet
15 amp 125 volt straight blade inlet. Can be mounted almost anywhere on a boat. Low profile cap won't catch fishing line. Mounts easily to fiberglass and aluminum hulls. Perma-Lock terminals and color coded wire entrance holes make wiring a snap. UV resistant housing and cap.

217908 (150BBI) **$18.95 F**
217910 (150CCI) Universal Mount **$18.95 F**

Marinco ConnectPro™ Trolling Motor Plug and Receptacle

MARINCO-AFi

Marinco
ConnectPro™ Trolling Motor Plug and Receptacle
The ConnectPro trolling motor plug and receptacle is a revolutionary new concept in trolling motor connections. The ConnectPro has superior electric current carrying capacity that eliminate problems that rob motors of power and reduce battery life. The ConnectPro system features a locking plug and receptacle and spring clamping connections which provides a secure, superior electrical connection. Universal design for 2 or 3 wire configuration; 12, 24, 12/24, 24/36 or 36 volt systems.

217942 (12VCP) ConnectPro Plug and Receptacle Kit **$36.95 F**
217940 (12VBP) ConnectPro Plug Only **$16.95 F**
217941 (12VBR) ConnectPro Receptacle Only **$21.95 F**


217941


217940

Minn Kota Trolling Motor Plug and Receptacle

Minn Kota Trolling Motor Plug and Receptacle
Provides universal design for 2 or 3 wire configurations on 12 to 36 volt systems. Features a watertight sealing cap and corrosion resistant, plated brass electrical components. Locks into receptacle for a watertight seal. Requires a standard 1-1/8" diameter mounting hole.

476590 (18-65102) MKR-18 **$36.95 E**



Ship-to-Shore Selection Chart

30 amp 125 volt Boatside



217376 Marinco
217403 Marinco
7-1470 Marpac



217415 Marinco
7-1425 Marpac



218316 Marinco
7-1460 Marpac



217314 50' Marinco
7-1405 25' Marpac
7-1410 50' Marpac

50 amp 125 volt Boatside



396653 Charles



396728 Charles

50 amp 125/250 volt Boatside



217150 Marinco
217249 Marinco



217174 Marinco
396855 Charles



217263 Marinco
396728 Charles



397011 Charles



Smart "Y" Adapter
284757

100 amp 125/250 volt



Hull Inlet
Special Order Only
100HMP



Female Connector • Special Order Only
100HF1



Cable Cordset • Special Order Only
100HPC25W • 25'
100HPC50W • 50'

Phone and Cable TV Boatside



218140 Marinco

Phone Cable



218215 50' Marinco

TV/Phone Cable



218049 50' Marinco

Ship-to-Shore Selection Chart

30 amp 125 volt Dockside


218304 Marinco
7-1465 Marpac


217439 Marinco
7-1430 Marpac


217934 Marinco
7-1420 Marpac


396426 Charles
218506 Marinco


218417 Marinco

50 amp 125 volt Dockside


396730 Charles


396665 Charles


217225 Marinco
396704 Charles


218568 Marinco
396754 Charles


218417 Marinco

50 amp 125/250 volt Dockside


217136 Marinco
396730 Charles


217198 Marinco
396867 Charles


217213 Marinco
396893 Charles


218568 Marinco
396754 Charles


218417 Marinco


Smart "Y" Adapter
284769


Male Plug • Special Order Only
100HM1

Phone and Cable TV Dockside

TV Cable


218227 50' Marinco


218241 Marinco

Cross Reference Guide

Charles

HUBBELL

MARINCO-AFi

Charles # / Marpac #	Hubbell #	Marinco #
30 AMP Accessories		
CI-30PCM50 / 7-1410	61CM08	50PCM
CI-309CMB50	N/A	N/A
CI-30PCM35	61CM05	N/A
CI-30PCM25 / 7-1405	61CM03	25PC
CI-30PCMB25	N/A	N/A
CI-14179	YC310250	N/A
CI-30PC50	61CM28	50PCM
CI-30PCB50	N/A	N/A
CI-30PC25	N/A	25PCM
CI-30PCB25	N/A	N/A
CI-130MP / 7-1470	N/A	301CR1-B
CI-130MP-AC	N/A	N/A
CI-130MAC	N/A	N/A
CI-30F1 / 7-1425	26CM13	305CRC
CI-30M1 / 7-1430	26CM11	305CRP
CI-30CR / 7-1460	60CM33	103R
CI-30C / 7-1465	60CM31	102
CI-30R	N/A	100R
CI-14208	N/A	110R
CI-14209	N/A	N/A
CI-R30 / 7-1420	26CM10	305CRR
CI-B3/4D-Y	60CM83	6083CR
CI-P30	74CM24	7420CR
CI-14277	N/A	N/A
CI-14506	N/A	N/A
CI-14055	N/A	N/A

Charles #	Hubbell #	Marinco #
50 AMP Accessories		
CI-50PC50	61CM53	6153CR
CI-50PC25	N/A	6153CR-25
CI-50PCMB25	N/A	N/A
CI-14180	YC306250	N/A
CI-114181	Y406250	N/A
CI-50PC50H	61CM52	6152CR
CI-50PC25H	N/A	N/A
CI-50PCB25H	N/A	N/A
CI-150HMBC	63CM74	N/A
CI-150MBC	63CM72	N/A
CI-150HMP	63CM54	N/A
CI-150MP	63CM52	N/A
CI-50HF1	63CM64	6364CR
CI-50F1	63CM60	6360CR
CI-50HM1	63CM65	6365CR
CI-50M1	63CM61	6361CR
CI-50CR	77CM15	7715CR
CI-50C	77CM16	7717N
CI-14440	N/A	510R
CI-50R	N/A	N/A
CI-R50H	63CM69	6369CR
CI-R50	63CM70	6370CR
CI-B1D-Y	60CM84	6084CR
CI-P50	77CM74	7788CR

Charles

HUBBELL

MARINCO-AFi

Charles #	Hubbell #	Marinco #
Straight Adapters		
CI-A50H50HCS	61CM59	114A
CI-A5050HS	N/A	N/A
CI-A50305	61CM56	111A
CI-A3050S	61CM55	110A
CI-A3020S	61CM25	106A
CI-A3015S / 7-1435	61CM22	104A
CI-A3/10S	N/A	100A
CI-A5015S	61CM54	115A
CI-A3015 / 7-1445	31CM28	83A
CI-A1530 / 7-1450	31CM29	81A
CI-A2015	21CM28	82A
CI-A1520	21CM29	80A
CI-A1515	5273L	N/A

Charles #	Hubbell #	Marinco #
"Y" Adapters		
CI-A5050Y50HC	N/A	N/A
CI-A3030Y50HC	64CM59	151AY
CI-A50H50HY50HC	N/A	N/A
CI-A50H50HY50H	N/A	N/A
CI-A4/6Y4/6	N/A	N/A
CI-A5050T50H	61CM55	154AY
CI-A3/6Y4/6	N/A	158AY
CI-A3030Y50H	64CM54	153AY
CI-A3/10Y4/6	N/A	156AY
CI-A3030Y50	64CM57	152AY
CI-A3/10Y3/6	N/A	160AY
CI-A3030Y30	64CM56	157AY
CI-A3/10Y3/10	N/A	155AY
A50HY3030	Y2Q30	

Charles #	Hubbell #	Marinco #
Phone & TV Accessories		
CI-PH50	PH6599	PH6599
CI-PH25	N/A	N/A
CI-TV50	TV99	TV99
CI-TVMT	N/A	N/A
CI-PHTVB	N/A	N/A
CI-IPHTVMP	NMPHTV	PH6574TV
CI-IPHTVMP-AC	N/A	N/A
CI-IPHTVMAC	N/A	N/A
CI-14211	CR16914	16806CRMB7
CI-14229	PH6630	N/A
CI-PHF1	PH6624	PH6624
CI-PHM1	PH6625	PH6625
CI-PHC	PH7440	PH7400
CI-12-119-1	N/A	N/A
CI-12-122	N/A	N/A
CI-BAC3/4S-B	PH6619	PH6619
CI-PR/TVF	TV97	N/A
CI-PR/PHM	PH6595	PH6595
CI-PR/PHF	PH6597	PH6597
CI-14165	N/A	N/A
CI-14166	10CM355	N/A
PHRJMI		PH6600
IPHTVMBC		PH6594TV

Marpac Drain Plugs



7-0564



7-0563



Marpac Stainless Steel Drain Plugs

Stainless steel handle. Neoprene plug.

7-0563	Snap Drain Plug	1″	**$3.95 F 3Q**
7-0563S	Snap Drain Plug (Bucket of 50)	1″	**$149.50 E**
7-0565	Snap Drain Plug	1-1/4″	**$4.95 F 3Q**
7-0564	Twist Drain Plug	1″	**$3.95 F 3Q**
7-0564S	Twist Drain Plug (Bucket of 50)	1″	**$149.50 E**
7-0567	Twist Drain Plug	1-1/4″	**$4.95 F 3Q**



7-0094





7-0093

Marpac Brass Drain Plugs

Brass handle. Neoprene plug. Size 1".

7-0093	Snap Drain Plug	**$2.95 F 3Q**
7-0093S	Snap Drain Plug (Bucket of 50)	**$99.50 F**
7-0094	Twist Drain Plug	**$2.95 F 3Q**
7-0094S	Twist Drain Plug (Bucket of 50)	**$99.50 F**

Moeller Drain Plugs



Snap-Tite Plugs





Turn-Tite Plugs

MOELLER

Moeller Snap-Tite Drain Plugs

Corrosion resistant construction. Designed only for mounting from the inside of the transom. These plugs utilize a smooth operating mechanism to provide the tightest possible seal.

486945	(29000-50)	1″ Brass	Bucket of 48	**$131.95 E**
486957	(29055-001)	1-1/4" Brass	Sold Bulk	**$3.95 E**

Moeller Turn-Tite Drain Plugs

Corrosion resistant construction. Designed only for mounting from the inside of the transom. Fully adjustable, simply turn the T-handle clockwise to create a waterproof construction.

486844	(20899-10)	1" Brass	Sold Display Pack	**$1.95 E**
486868	(20899-50)	1″ Brass	Bucket of 48	**$103.95 E**
486820	(20883-001)	1-1/4" Brass	Sold Bulk	**$2.95 E**

Marpac Baitwell Plugs

Marpac Baitwell Plugs
Brass handle. Neoprene plug. Sold 2 per card.

7-0570	Size 1/2"	**$2.95 F 3Q**
7-0571	Size 5/8"	**$2.95 F 3Q**
7-0572	Size 3/4"	**$1.95 F 3Q**



Moeller Deck and Baitwell Plugs

Moeller Deck and Baitwell Plugs
For use in livewells or baitwells. The neoprene body; stainless steel plates and adjustable brass cam snaps to provide a leakproof, nonslip seal. Stopper is adjustable. Sold each per display pack.

487000	(51001-10) 3/8" ID	**$2.95 E**
487024	(51003-10) 1/2" ID	**$2.95 E**
487048	(51005-10) 5/8" ID	**$2.95 E**
487062	(51007-10) 3/4" ID	**$2.95 E**
487086	(51009-10) 7/8" ID	**$2.95 E**



Moeller Air Chamber Plug

Moeller Air Chamber Plug
Designed to seal 5/8" openings in baitwells, livewells or dry boxes. Just pop in the black neoprene rubber plug for a secure, tight fit. Oil and grease resistant. Sold each per bulk. Standard pack 12.

487199 (90801-10) **$1.95 E**



Drain Plugs



Marpac Automatic Drain Plug
The Marpac Automatic Drain Plug has a unique "flapper" that automatically drains water when the boat is underway. Provides a watertight seal when the boat slows or stops. Flexible neoprene plug insets in the transom drain hole. Fits all standard 1" drains on transoms up to 2-1/4" thick. Sold each per skin packed card. Standard pack 12.

7-0612		**$33.95 H**
7-0613	Spare Flapper Valve	**$23.95 H**



T-H Marine Drain Plugs
Ideal for boat transoms, fish wells, bait tanks, water tanks, coolers, ice chests or almost any application where a positive sealing drain plug is required. This screw-type drain plug is constructed of nylon and features an O-ring for positive sealing. Mounting flange is approximately 1-1/2" x 2". Mounts in a 1" diameter hole with (2) #8 countersunk stainless steel screws. (Not included). Sold each per skin packed card. Standard pack 12.

641389	(DP-1)	Black	**$5.95 H**
641391	(DP-2)	White	**$6.95 H**
247621	(DPS-1)	Drain Plug Stem Only - Black	**$4.95 H**

Drain Plugs



Marpac Drain Plugs
Screw type construction of nylon featuring o-ring for positive seal. 1" diameter mounting hole.

7-0367 White **$2.95 F 3Q**
7-0368 Black **$2.95 F 3Q**



Moeller Transom Drain Tube with Plug
Fits flush to boat transom or exterior. Three recessed holes allow securing into transom with #8 fasteners. The plug has a screwdriver slot and rubber O-ring to seal watertight. Tough natural nylon will not rot, bend or mildew. Fits 1-1/8" ID opening. Flange OD 2-3/16".

486755 (20303-10) **$4.95 E**

Garboard Drain Plugs

7-0352





7-0322

Marpac Garboard Drain Plugs
1/2" IPS pressure. Flange OD 2". Depth 5/8".

7-0322	Cast Bronze		**$5.95 F 3Q**
7-0352	Stainless Steel		**$17.95 F 3Q**
7-0824	Spare Cast Bronze Plug	2 Per Card	**$5.95 F 3Q**
467628	Spare Cast Bronze Plug	Each in Bulk	**$2.95 E**
7-0353	Spare Stainless Steel Plug	1 Per Card	**$11.95 F 3Q**



Perko Fig. 714 Garboard Drain Plug
Cast bronze flange with brass plug. 1/2" IPT thread. Flange OD 2". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

541753 (714 DP1 PLB) **$26.95 H**
467628 1/2" Brass Plug - Each in Bulk **$2.95 E**

Drain Tubes



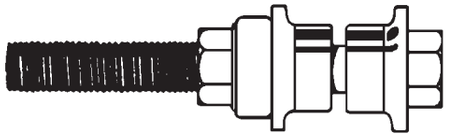
Moeller Drain Tubes
Special alloy brass or aluminum tube flanged 90° one end, use as a drain for transom, motorwell, livewell or baitwell. Use brass tubes with brass plugs and aluminum tubes with aluminum plugs. Wall thickness .035". Measurements are OD x length. Sold each per bulk. Standard pack 12.

486870 (21002-188D)	1" x 1-7/8"	Aluminum	**$1.95 E**
486882 (21003-188D)	1" x 1-7/8"	Brass	**$2.95 E**
486894 (21003-300D)	1" x 3"	Brass	**$3.95 E**
486907 (21253-300D)	1-1/4" x 3"	Brass	**$5.95 E**



Marpac Flanged Drain Tube
Brass. Dimensions: 1" x 3".

7-0569 **$3.49 F 3Q**



Moeller Flanging Tool
For 1" drain tubes. Sold each per box.

486781 (20700-00) **$32.95 E**

Moeller Motorwell Drain Tube

MOELLER



Moeller Motorwell Drain Tube
Durable plastic drain for motorwell, livewell or baitwell. Will not rot, bend or mildew. Concentric rings snap-lock in place for a tight leakproof seal. 3/4" to 2-1/2" long. Sold each per display pack. Standard pack 12.

486743 (20300-10) **$2.95 E**

Marpac Scuppers

marpac THE AFFORDABLE ALTERNATIVE™



Marpac 2" White Scupper Valve
7-0350 **$16.95 F 3Q**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Cockpit Scupper Valve
Molded white plastic with soft black flapper valve. Flange OD 2-7/8". Uses #6 fasteners. **Note:** Fasteners not included.
7-0351 **$3.95 F 3Q**

Perko Scuppers

PERKO®



Perko Fig. 323 Thru-Hull Scupper
Molded white plastic. Soft black flapper valve. Maximum hull thickness 2-1/8" for 1-1/2" hose. Flange OD 2-7/8". Complete with nut and mounting hardware. Sold each per display pack. Standard pack 5.

537360 (323 DP) **$40.95 H**

PERKO®



Perko Fig. 285 Cockpit Scupper
Molded white plastic. Flush mount. For use when discharge is above the waterline. Insert prevents passage of large objects without restricting waterflow. Maximum hull thickness 1-3/4" for 1-1/2" hose. Flange OD 2-3/4". Sold each per display pack. Standard pack 5.

536777 (285 DP) **$19.95 H**

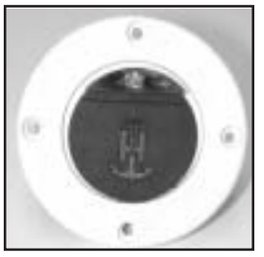
PERKO®



Perko Fig. 365 Scupper Valve Assembly
Molded white plastic. Soft black flapper valve. For surface mount applications. Does not include thru-hull and mounting hardware. Flange OD 2-7/8". Uses #6 fasteners. Sold each per display pack.

237126 (365 DP) **$16.95 H**

Scuppers



T-H Marine Flush Mount Scupper Assembly

This flush mount flapper scupper is designed to mount over a drain tube or to mount directly to a 1-1/2" thru hull with four screws. They feature the same "curl proof" flapper as the recessed scuppers above. These flappers will retrofit other manufacturers' rubber flapper assemblies. White frame/black flapper.

641868 (SA-2B-DP) **$7.95 H**



T-H Marine Recessed Threaded Thru-Hull Scupper

Molded of a flexible thermo-plastic that is totally impervious to the effects of sun and chemicals. This flapper will not curl up, rot or lose their sealing ability. This thru-hull type scupper is barbed to fit 1-1/2" ID hose. The threaded portion accommodates hulls up to 3-1/2" thick. Mounting nut is included. White. Sold each per skin packed card.

641832 (RFTH-2) **$15.95 H**



T-H Marine Duckbill Scupper

Tough thermoplastic flapper. Seals tight under water pressure. Easy to install over drain tubes. White. Sold each per skin packed card.

641860 (DBS-2-DP) **$10.95 H**



T-H Marine Inline Scuppers

Prevents backwash. Chemical resistant materials. Thermo-plastic flapper. Black.

247736 (ILS-750) Fits 3/4" Hose **$15.95 H**
247737 (ILS-1200) Fits 1-1/8" Hose **$15.95 H**
247746 (ILS-1500) Fits 1-1/2" Hose **$15.95 H**



Marpac Flow-Max Ball Scupper

New easy twist-off design makes clearing debris a snap. Simply twist counterclockwise to remove ball cavity, clean out and twist back on. Stainless steel security pin provided for added safety. Larger exit hole allows 70% more water drainage than its nearest competitor. Multiple mounting holes make retrofits quick and easy - no filling holes or re-drilling. Neutral buoyancy ball insures ball won't float up and break seal. Meets all ABYC standards. Clear.



7-0232 **$9.95 F 3Q**

T-H Marine Flow-Max™ Ball Scupper

New easy twist-off design makes clearing debris a snap. Simply twist counterclockwise to remove ball cavity, clean out and twist back on. Stainless steel security pin provided for added safety. Larger exit hole allows 70% more water drainage than its nearest competitor. Multiple mounting holes make retrofits quick and easy - no filling holes or re-drilling. Neutral buoyancy ball insures ball won't float up and break seal. Meets all ABYC standards. Clear.



247748 (FMS-1-0) **$7.95 H**



T-H Marine Cockpit Scupper Drain

This injection molded part is high strength and UV stabilized. The check ball contained inside the cockpit scupper drain is molded and then ground smooth and round to provide better sealing against reverse water flow that occurs when backing boat. Fits 1-1/2" drain hoses. The overall diameter of the mounting flange is 3-9/16". The cockpit scupper drain requires a 2-1/2" diameter hole for installation and mounts with four number 8 screws (not furnished). Top of cockpit scupper drain is removable for cleaning. 45°. White

641862 (CSD-2-DP) **$51.95 H**

Marpac Premium Quality Prepackaged Hose



Marpac Bilgeflex Hose
Heavy corrugated polyethylene construction with custom molded cuff every foot for easy installation and clamping. Excellent flexibility. Ideal for electric and manual bilge pumps and livewell aerators. Resists heat, cold, sea water, ozone and oily bilge acids. Quality tested for marine applications.

7-2755 3/4″ x 10′ **$12.95 F 3Q**
7-2760 1-1/8″ x 10′ **$14.95 F 3Q**



Marpac RNF PVC Hose
Heavy duty clear vinyl non-toxic reinforced tubing with red and blue tracers. Made with FDA approved compound. Excellent for use with potable water.

7-2785 1/2″ x 15′ **$22.95 F 3Q**
7-2790 3/4″ x 15′ **$27.95 F 3Q**



Marpac Type "A" Fuel Hose
Premium quality tube, thermoplastic barrier and cover with braided reinforcement for added strength and flexibility. Resists vapor permeation, heat, cold, fire, ozone and premature aging caused by gas, diesel and alcohol-enhanced fuels. Meets or exceeds all requirement of ISO 7840 and SAE J1527 standards required by USCG, ABYC (H-24 & H-33) and NMMA.

7-2810 3/8″ x 10′ **$31.95 F 3Q**
7-2815 5/16″ x 10′ **$30.95 F 3Q**
7-2820 5/8″ x 5′ **$23.95 F 3Q**
7-2825 5/8″ x 10′ **$38.95 F 3Q**



Marpac RNF Bilgeflex Hose
Smooth, clear PVC tube with black PVC helical rod. Excellent flexibility and bend radius. For use in bilge pump discharge, livewell circulation and scupper drains.

7-2770 3/4″ x 10′ **$19.95 F 3Q**
7-2775 1-1/8″ x 10′ **$24.95 F 3Q**



Marpac Type "B" Fuel Hose
Premium quality tube and cover with braided reinforcement. Resists vapor permeation, heat, cold, ozone and premature aging caused by gas. For use in outboard engine applications.

7-2800 3/8″ x 10′ **$21.95 F 3Q**
7-2805 5/16″ x 10′ **$20.95 F 3Q**



Marpac Blower Hose
For use in venting bilge gases and fumes. Strong, flexible construction of wire supported vinyl. Resistant to ozone, weather, and sunlight. Will not support a flame.

7-2835 3″ x 10′ **$15.95 F 3Q**

MPI Products Water System Hoses



MPI Products Series 100 Hardwall Water Hose

Premium quality marine water hose suitable for a variety of applications including engine water intake, and circulation, bilge discharge, livewell systems and other non-fuel uses. Fully embedded helical wire provides strength and flexibility. Resists heat, ozone, mild acids, bilge oils and engine water. Color coded with green strip brand. 2 Ply. Sold in 12-1/2' lengths.

770001 (100-0584) 5/8"	Clamp **(276053)** 7/16" - 1-1/16"		**$93.95 L**
770013 (100-1344) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"		**$95.95 L**
770025 (100-1004) 1"	Clamp **(276067)** 7/16" - 1-1/4"		**$103.95 L**
770037 (100-1184) 1-1/8"	Clamp **(276079)** 1/2" - 1-1/2"		**$108.95 L**
770049 (100-1144) 1-1/4"	Clamp **(276089)** 3/4" - 1-3/4"		**$115.95 L**
770051 (100-1384) 1-3/8"	Clamp **(276091)** 1" - 2"		**$123.95 L**



MPI Products Series 110 Softwall Water Hose

Premium quality marine water hose suitable for a variety of applications including engine water circulation, bilge discharge, sanitation connections, scupper lines and other non-fuel uses. Resists heat, ozone, mild acids, bilge oils and engine water. Color coded green strip brand. 2 Ply. Sold in 12-1/2' lengths.

770304 (110-0584) 5/8"	Clamp **(276053)** 7/16" - 1-1/16"		**$94.95 L**
770316 (110-0344) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"		**$95.95 L**
770328 (110-1004) 1"	Clamp **(276067)** 7/16" - 1-1/4"		**$111.95 L**
770330 (110-1184) 1-1/8"	Clamp **(276079)** 1/2" - 1-1/2"		**$120.95 L**
770342 (110-1144) 1-1/4"	Clamp **(276089)** 3/4" - 1-3/4"		**$133.95 L**
770354 (110-1384) 1-3/8"	Clamp **(276091)** 1" - 2"		**$149.95 L**



MPI Products Series 120 Standard Bilge Hose

Heavy corrugated polyethylene hose provides outstanding flexibility. Resists oily bilge acids and sea water. Ideal for electric and manual bilge pumps and livewell aerators. Custom molded cuff every foot for easy installation and clamping. Vac rating: 20. 50' box.

770633 (120-0586) 5/8"	Black		**$39.95 L**
770657 (120-0346) 3/4"	Black		**$43.95 L**
770671 (120-1186) 1-1/8"	Black		**$52.95 L**
770683 (120-1146) 1-1/4"	Black		**$65.95 L**
770708 (120-1126) 1-1/2"	Black		**$94.95 L**
770645 (120-0341) 3/4" x 6'	Black	Sold Per Poly Bag	**$6.95 L**
770669 (120-1181) 1-1/8" x 6'	Black	Sold Per Poly Bag	**$7.95 L**
770544 (121-0346) 3/4	White		**$43.95 L**
770556 (121-1186) 1-1/4	White		**$52.95 L**
770568 (121-1126) 1-1/2	White		**$94.95 L**



MPI Products Series 132 Heavy Duty Water/Heater Hose

Heavy wall EPDM tube and cover reinforced with high strength polyester yarn. Used mainly for engine water, water heater, bait box, air conditioner circulation and icebox, sink and shower drain lines. Resistance to mild chemicals, heat, cold, ozone and sea water. 2 ply. Operating temperature range -40° F to +210° F. Burst pressure 600#. 50' box.

770607 (132-0126) 1/2"	Clamp **(276053)** 7/16" - 1-1/16"	**$103.95 L**
770619 (132-0586) 5/8"	Clamp **(276053)** 7/16" - 1-1/16"	**$123.95 L**
770621 (130-0346) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$149.95 L**



MPI Products Series 141 PVC Bilge VAC Hose

Smooth clear vinyl tube reinforced with black PVC helix rod. Excellent flexibility for use as bilge pump discharge. Tube produced from FDA approved compound suitable for portable water.

Sold in 50' box.

770722 (141-0346) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$110.95 L**
770734 (141-1186) 1-1/8"	Clamp **(276079)** 1/2" - 1-1/2"	**$133.95 L**
770746 (141-1126) 1-1/2"	Clamp **(276091)** 1" - 2"	**$181.95 L**

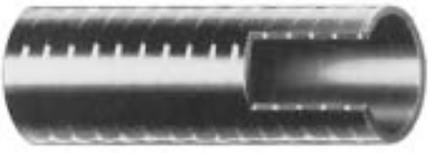
Sold in 10' length.

770714 (141-0343) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$24.95 L**
770730 (141-1183) 1-1/8"	Clamp **(276079)** 1/2" - 1-1/2"	**$30.95 L**

MPI Products Water System Hoses

MPI Products
Series 149 Heavy Duty PVC Livewell Hose - Black

Helical PVC reinforcement provides excellent flexibility and bend radius for heavy duty livewell and bilge pump applications. Smooth outer surface allows easy clamping. Not suitable for pressurized water systems. 50' box.



771560	(149-0346) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$120.95 L**
771562	(149-1186) 1-1/8"	Clamp **(276079)** 1/2" - 1-1/2"	**$167.95 L**
771563	(149-1126) 1-1/2"	Clamp **(276091)** 1" - 2"	**$242.95 L**



MPI Products Series 150 Clear PVC Tubing

Single extrusion, non-toxic vinyl hose produced with FDA approved compound. Recommended for non-pressurized cool water uses such as freshwater, sink, shower, livewell and refrigerator drain lines. Clear. 50' box.

770760	(150-0386) 3/8"	Clamp **(276015)** 7/32" - 5/8"	**$53.95 L**
770772	(150-0126) 1/2"	Clamp **(276053)** 7/16" - 1-1/16"	**$77.95 L**
770784	(150-0586) 5/8"	Clamp **(276053)** 7/16" - 1-1/16"	**$104.95 L**
770796	(150-0346) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$126.95 L**
770809	(150-1006) 1"	Clamp **(276067)** 7/16" - 1-1/4"	**$166.95 L**



MPI Products Series 162
Clear Reinforced PVC Tubing - Red and Blue Tracer

Heavy duty, all clear vinyl tubing reinforced for hot or cold pressurized water systems and many other uses. Non-toxic, odorless, tasteless and FDA approved compound. Operating temperature range -20° F to +150° F. Burst pressure 250 PSI. 50' box.

770900	(162-0386) 3/8"	Clamp **(276015)** 7/32" - 5/8"	**$49.95 L**
770912	(162-0126) 1/2"	Clamp **(276053)** 7/16" - 1-1/16"	**$75.95 L**
770924	(162-0586) 5/8"	Clamp **(276053)** 7/16" - 1-1/16"	**$88.95 L**
770936	(162-0346) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$103.95 L**
770948	(162-1006) 1"	Clamp **(276067)** 7/16" - 1-1/4"	**$170.95 L**
770950	(162-1186) 1-1/8"	Clamp **(276079)** 1/2" - 1-1/2"	**$193.95 L**
770962	(162-1146) 1-1/4"	Clamp **(276089)** 3/4" - 1-3/4"	**$272.95 L**
770974	(162-1126) 1-1/2"	Clamp **(276091)** 1" - 2"	**$399.95 L**



MPI Products
Series 148 Premium PVC Sanitation Hose/FDA

Smooth wall extra heavy duty vinyl hose for all sanitation system connections and other critical applications. FDA approved and low water absorption compounds provide excellent odor resistance. VAC rating is 28. White. 50' box.

771407	(148-0346) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$151.95 L**
771419	(148-1006) 1"	Clamp **(276067)** 7/16" - 1-1/4"	**$174.95 L**
771421	(148-1186) 1-1/8"	Clamp **(276079)** 1/2" - 1-1/2"	**$191.95 L**
771433	(148-1146) 1-1/4"	Clamp **(276089)** 3/4" - 1-3/4"	**$260.95 L**
771445	(148-1126) 1-1/2"	Clamp **(276091)** 1" - 2"	**$272.95 L**



MPI Products
Series 164 White Reinforced PVC Tubing - Blue Tracer

Heavy duty, clear vinyl cover with white inner tube reinforced for wash down, pressurized water systems, hot/cold water vent and drain lines. Non-toxic, odorless, tasteless and FDA approved compound. Operating temperature range -20° F to +150° F. Burst pressure 250 PSI. 50' box.

770998	(164-0126) 1/2"	Clamp **(276053)** 7/16" - 1-1/16"	**$65.95 L**
771003	(164-0586) 5/8"	Clamp **(276053)** 7/16" - 1-1/16"	**$76.95 L**
771015	(164-0346) 3/4"	Clamp **(276053)** 7/16" - 1-1/16"	**$96.95 L**

MPI Products Exhaust System Hoses

MPI Products Series 252 Corrugated Marine Exhaust Hose

For use on longer runs which require the tightest bends. Corrugated construction with double wire helix imbedded between multiple plies of tough rayon spiral cord which provides strength and outstanding flexibility. For use on longer runs which require the tightest bends. Color coded with blue stripe brand. Sold in 12-1/2' lengths, except for **772209** which is sold in 50' length.



770239	(252-2004) 2"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$258.95 L**
770241	(252-3004) 3"	Clamp **(276142)** 2-1/2" - 3-1/2"	**$348.95 L**
772209	(252-3120) 3-1/2"	Clamp **(276154)** 3" - 4"	**$1,420.95 L**

MPI Products Exhaust System Hoses



MPI Products Series 250 Hardwall Marine Exhaust Hose

Type certified for wet exhaust service. Heavy wall construction with multiple plies of nylon spiral cord prevents shock, wall collapse, panting and vibration. Wire reinforcement provides additional strength for longer connections with excellent flexibility. Recommended for runs longer than four times the inside diameter of the hose. Color coded with blue stripe brand. Sold in 12-1/2' lengths. Sizes 7" - 12" are available on Special Order.

770063	(250-1124) 1-1/2"	Clamp **(276091)** 1" - 2"	**$131.95 L**
770075	(250-1584) 1-5/8"	Clamp **(276104)** 1-1/4" - 2-1/4"	**$146.95 L**
770087	(250-1344) 1-3/4"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$150.95 L**
770099	(250-1784) 1-7/8"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$152.95 L**
770102	(250-2004) 2"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$159.95 L**
770126	(250-2384) 2-3/8"	Clamp **(276130)** 2" - 3"	**$209.95 L**
770138	(250-2124) 2-1/2"	Clamp **(276130)** 2" - 3"	**$226.95 L**
770140	(250-2784) 2-7/8"	Clamp **(276142)** 2-1/2" - 3-1/2"	**$278.95 L**
770152	(250-3004) 3"	Clamp **(276142)** 2-1/2" - 3-1/2"	**$298.95 L**
770164	(250-3184) 3-1/8"	Clamp **(276154)** 3" - 4"	**$266.95 L**
770176	(250-3124) 3-1/2"	Clamp **(276154)** 3" - 4"	**$323.95 L**
770188	(250-4004) 4"	Clamp **(276166)** 3-1/2" - 4-1/2"	**$407.95 L**
770190	(250-4124) 4-1/2"	Clamp **(276178)** 4" - 5"	**$376.95 L**
770215	(250-6004) 6"	Clamp **(276205)** 5-1/2" - 6-1/2"	**$630.95 L**



MPI Products Series 200 Softwall Marine Exhaust Hose

Type certified for wet exhaust service. Heavy wall construction with multiple plies of nylon spiral cord prevents shock, wall collapse, panting and vibration. Resists engine exhaust, high temperatures and ozone. Recommended for short, straight connections. Formulated to withstand operating temperatures of 220° F continuous. Color coded with blue strip brand. No wire. Sold in 12-1/2' lengths.

770366	(200-1124) 1-1/2"	Clamp **(276091)** 1" - 2"	**$138.95 L**
770378	(200-1584) 1-5/8"	Clamp **(276104)** 1-1/4" - 2-1/4"	**$144.95 L**
770380	(200-1344) 1-3/4"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$151.95 L**
770392	(200-1784) 1-7/8"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$157.95 L**
770405	(200-2004) 2"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$163.95 L**
770417	(200-2184) 2-1/8"	Clamp **(276116)** 1-1/2" - 2-1/2"	**$182.95 L**
770418	(200-2144) 2-1/4"	Clamp **(276130)** 2" - 3"	**$214.95 L**
770429	(200-2384) 2-3/8"	Clamp **(276130)** 2" - 3"	**$237.95 L**
770431	(200-2124) 2-1/2"	Clamp **(276130)** 2" - 3"	**$248.95 L**
770443	(200-2784) 2-7/8"	Clamp **(276142)** 2-1/2" - 3-1/2"	**$264.95 L**
770455	(200-3004) 3"	Clamp **(276142)** 2-1/2" - 3-1/2"	**$275.95 L**
770467	(200-3184) 3-1/8"	Clamp **(276154)** 3" - 4"	**$311.95 L**
770479	(200-3124) 3-1/2"	Clamp **(276154)** 3" - 4"	**$335.95 L**
770481	(200-4004) 4"	Clamp **(276166)** 3-1/2" - 4-1/2"	**$353.95 L**
770493	(200-4124) 4-1/2"	Clamp **(276178)** 4" - 5"	**$490.95 L**
770506	(200-5004) 5"	Clamp **(276180)** 4-1/2" - 5-1/2"	**$504.95 L**
770518	(200-6004) 6"	Clamp **(276205)** 5-1/2" - 6-1/2"	**$666.95 L**

AWAB Hose Clamps and Accessories

AWAB 316 Stainless Steel Hose Clamps

Features rolled band edges to eliminate the risk of damage to the hose. The extra wide threads of the band are stamped, leaving the unperforated band smooth on the inside. In addition, the band and screw threads are properly pitched rendering the clamp virtually immune to vibration back-off. **Sold 10 per box.**

275506	(316017) SAE Size: 4	7/16" - 11/16"	**$27.95 H**
275518	(316020) SAE Size: 6	1/2" - 13/16"	**$28.95 H**
275520	(316024) SAE Size: 8	5/8" - 15/16"	**$28.95 H**
275532	(316028) SAE Size: 10	3/4" - 1-1/8"	**$30.95 H**
275544	(316032) SAE Size: 12	7/8" - 1-1/4"	**$30.95 H**
275556	(316038) SAE Size: 16	1-1/16" - 1-1/2"	**$30.95 H**
275568	(316044) SAE Size: 20	1-1/4" - 1-3/4"	**$32.95 H**
275570	(316050) SAE Size: 24	1-1/2" - 2"	**$32.95 H**
275582	(316057) SAE Size: 28	1-1/4" - 2-1/4"	**$33.95 H**
275594	(316064) SAE Size: 32	1-1/2" - 2-1/2"	**$37.95 H**
275619	(316076) SAE Size: 40	2" - 3"	**$40.95 H**
275621	(316083) SAE Size: 44	2-1/4" - 3-1/4"	**$43.95 H**
275645	(316095) SAE Size: 52	2-3/4" - 3-3/4"	**$45.95 H**
275671	(316114) SAE Size: 64	3-1/2" - 4-1/2"	**$59.95 H**
275695	(316140) SAE Size: 80	4" - 5-1/2"	**$62.95 H**
275710	(316165) SAE Size: 96	5" - 6-1/2"	**$74.95 H**



Flexible Clamp Driver



Mini Hose Clamp

AWAB 304 Stainless Steel Mini Hose Clamps

Mini clamps have an unbroken band with rounded edges. The band is folded over to retain the nut, and together with the small screw-thread pitch, gives the clamp self locking characteristics. **Sold 20 per box.**

275811	(302009) 9/32" - 3/8"	**$30.95 H**
275823	(302010) 5/16" - 13/32"	**$30.95 H**
275835	(302011) 23/64" - 29/64"	**$30.95 H**
275859	(302013) 7/16" - 17/32"	**$30.95 H**
275861	(302014) 15/32" - 9/16"	**$31.95 H**
275873	(302015) 33/64" - 39/64"	**$31.95 H**
275885	(302016) 35/64" - 41/64"	**$31.95 H**
275897	(302017) 19/32" - 11/16"	**$31.95 H**
275900	(125010) Flexible Clamp Driver	**$19.95 H**

AWAB Wall Merchandiser

Includes (10) of the following hose clamps: 316017, 316020, 316024, 316028, 316032, 316038, 316044, 316050, 316057, 316064 and (1) 125010 flexible clamp driver.

275924 (A316101) **$379.95 H**

Hose Clamps

IDEAL Parker



DMI #	MFG #	Clamp Diameter	Fits Hose ID	Price
276015	62602MS	1/4" - 5/8"	1/8" to 5/16"	**$0.95 H 50J 100L**
276027	62606MS	5/16" - 7/8"	1/4" to 7/16"	**$0.95 H 50J 100L**
276039	6306MS	3/8" - 7/8"	5/16" to 3/8"	**$1.95 H 50J 100L**
276041	6308MS	7/16" - 1"	5/16" to 1/2"	**$1.95 H 50J 100L**
276053	6310MS	1/2" - 1-1/16"	3/8" to 5/8"	**$1.95 H 50J 100L**
276067	6312MS	1/2" - 1-1/4"	3/8" to 3/4"	**$1.95 H 50J 100L**
276079	6316MS	3/4" - 1-1/2"	3/4" to 7/8"	**$1.95 H 50J 100L**
276089	6320MS	3/4" - 1-3/4"	3/4" to 1-1/8"	**$1.95 H 50J 100L**
276091	6324MS	1" - 2"	7/8" to 1-3/8"	**$1.95 H 50J 100L**
276104	6328MS	1-5/16" - 2-1/4"	1-1/4" to 1-5/8"	**$1.95 H 50J 100L**
276116	6332MS	1-9/16" - 2-1/2"	1-1/2" to 1-7/8"	**$1.95 H 50J 100L**
276128	6336MS	7/8" - 2-3/4"	3/4" to 2"	**$1.95 H 50J 100L**
276130	6340MS	1-1/8" - 3"	1" to 2-1/4"	**$2.95 H 50J 100L**
276134	6344MS	1-5/16" - 3-1/4"	1-1/4" to 2-1/2"	**$2.95 H 50J 100L**
276142	6348MS	1-5/8" - 3-1/2"	1-1/2" to 2-3/4"	**$2.95 H 50J 100L**
276146	6352MS	1-7/8" - 3-3/4"	1-3/4" to 3"	**$2.95 H 50J 100L**
276154	6356MS	2-1/8" - 4"	2" to 3"	**$2.95 H 50J 100L**
276166	6364MS	2-5/8" - 4-1/2"	2-1/2" to 3-1/2"	**$3.95 H 50J 100L**
276178	6372MS	3-1/8" - 5"	3" to 5"	**$2.95 H 50J 100L**
276180	6380MS	3-5/8" - 5-1/2"	3-1/2" to 4-1/2"	**$3.95 H 50J 100L**
276192	6388MS	4-1/4" - 6"	3-1/2" to 5-1/2"	**$3.95 H 50J 100L**
276205	6396MS	4-3/4" - 6-1/2"	4-1/2" to 6"	**$3.95 H 50J 100L**
276217	63104MS	4" - 7"	3-1/2" to 6-1/2"	**$3.95 H 50J 100L**

Micro-Gear, 62M Series. 300 series marine grade stainless steel screw, band and housing. These clamps are tiny, tough and precision engineered for use in such small hose applications as emission control, fuel lines and vacuum hoses. Their slim, 5/16" band and low profile housing makes them easy to install in confined areas.

Hy-Gear, 63 Series. High nickel alloy stainless steel meets the demands of inground and marine use. A marine grade clamp for boating applications and other corrosive environments. Band and housing: 9/16" wide. 300 grade stainless steel.

IDEAL Parker



Ideal Hose Clamp Display

Yellow, plastic counter top display with 120 stainless steel hose clamps. The display includes: (20) 62602, (10) 62606, (10) 6310, (20) 6312, (30) 6320, (20) 6328 and (10) 6336 clamps.

276003 (6304MS) **$294.95 L**



T-Bolt Exhaust Hose Clamps

Constructed of 18-8 stainless steel. .025" thick x .75" wide. With a nylon insert lock nut. The extra long t-bolt complies with most exhaust hose requirements. Sold each. Standard pack 5.

769105	(720-2000) Hose ID 2"	Dia. Range 2.19" - 2.44"	**$15.95 L**
769107	(720-2120) Hose ID 2-1/2"	Dia. Range	**$15.95 L**
769109	(720-3000) Hose ID 3"	Dia. Range 3.31" - 3.63"	**$15.95 L**
769110	(720-3120) Hose ID 3-1/2"	Dia. Range	**$15.95 L**
769111	(720-4000) Hose ID 4"	Dia. Range 4.19" - 4.69"	**$15.95 L**
769115	(720-4120) Hose ID 4-1/2"	Dia. Range	**$16.95 L**
769123	(720-5000) Hose ID 5"	Dia. Range 5.31" - 5.81"	**$16.95 L**
769135	(720-6000) Hose ID 6"	Dia. Range 6.50" - 7.00"	**$16.95 L**
769147	(720-8000) Hose ID 8"	Dia. Range 8.50" - 9.00"	**$16.95 L**

NEW ITEM

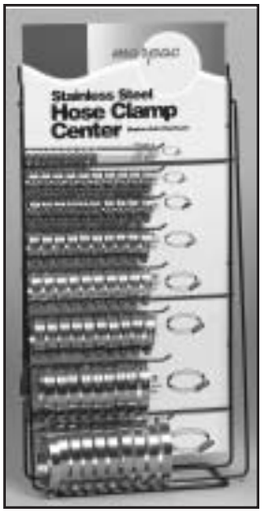


2 Ear Crimp Hose Clamp

Stainless steel. .Nominal size 3/4". Width .335". Closed/open .669/.787".

645768 (4E589) **$1.95 A**

marpac THE AFFORDABLE ALTERNATIVE™



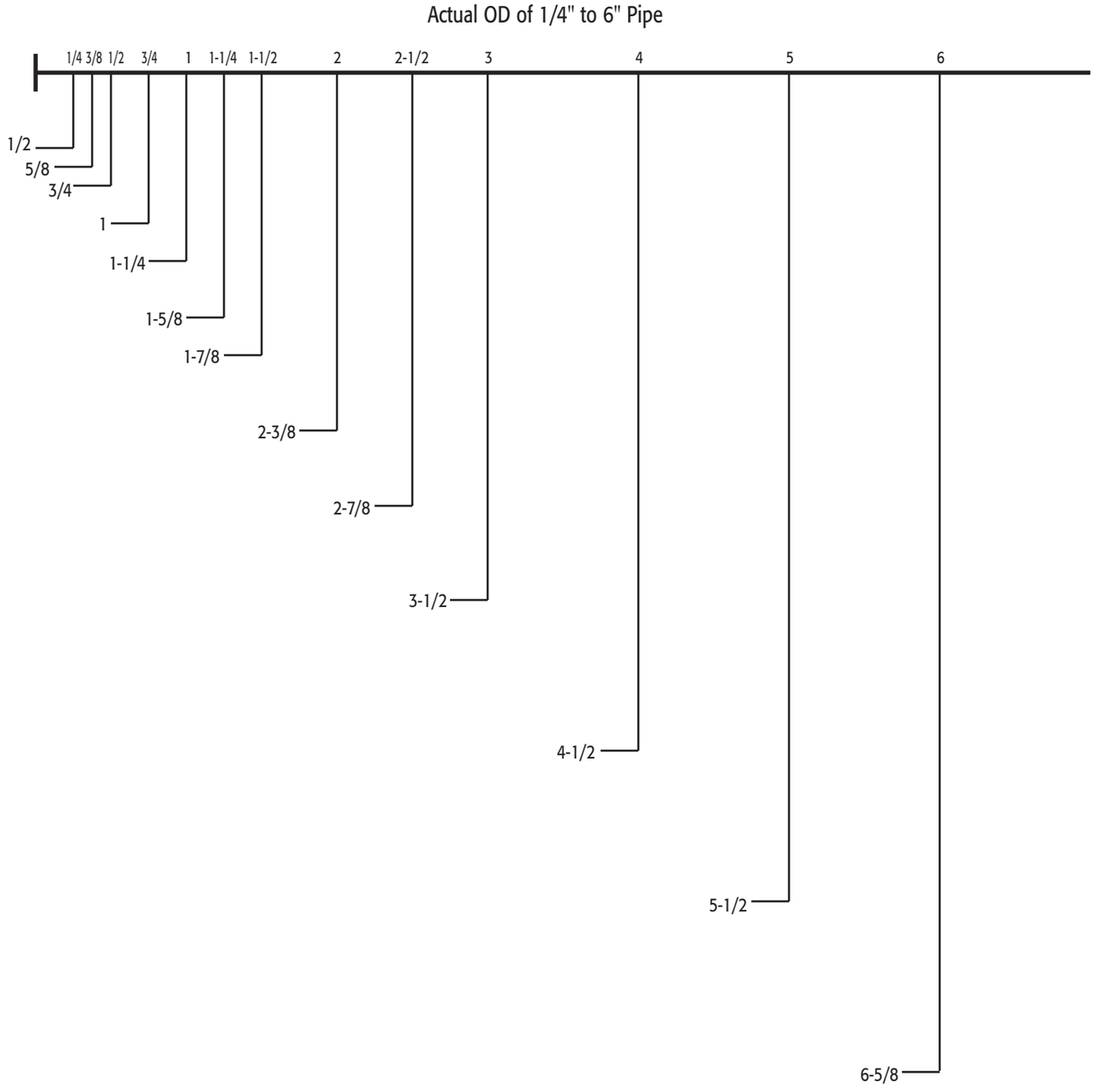
Marpac Hose Clamp Display

This display includes the following:

(10) 276015 - Clamp Dia. 1/4" - 5/8"	(10) 276089 - Clamp Dia. 3/4" - 1-3/4"
(10) 276041 - Clamp Dia. 7/16" - 1"	(10) 276091 - Clamp Dia. 1" - 2"
(10) 276053 - Clamp Dia. 1/2" - 1-1/16"	(10) 276128 - Clamp Dia. 7/8" - 2-3/4"
(10) 276079 - Clamp Dia. 3/4" - 1-1/2"	(10) 276142 - Clamp Dia. 1-5/8" - 3-1/2"

7-3005 Hose Clamp Display **$125.86 D**

Conversion Table – Pipe Size OD (Outside Dia.) to Hose Size ID (Inside Dia.)



Pipe Fittings



Bronze Pipe Plugs

467591	1/8" NPT	**$0.95 E**
467604	1/4" NPT	**$0.95 E**
467616	3/8" NPT	**$1.95 E**
467628	1/2" NPT	**$2.95 E**
467630	3/4" NPT	**$4.95 E**
467642	1" NPT	**$5.95 E**
467654	1-1/4" NPT	**$19.95 E**
467658	1-1/2" NPT	**$24.95 E**
467660	2" NPT	**$39.95 E**



Bronze Pipe Locknuts

467767	1/4" NPT	**$2.95 E**
467781	1/2" NPT	**$2.95 E**
467793	3/4" NPT	**$3.95 E**
467806	1" NPT	**$5.95 E**
467807	1-1/4" NPT	**$7.95 E**
467820	1-1/2" NPT	**$10.95 E**
467832	2" NPT	**$16.95 E**



Bronze Pipe Couplings

467325	1/8" NPT	**$3.95 E**
467337	1/4" NPT	**$3.95 E**
467349	3/8" NPT	**$3.95 E**
467351	1/2" NPT	**$4.95 E**
467363	3/4" NPT	**$6.95 E**
467375	1" NPT	**$9.95 E**
467387	1-1/4" NPT	**$14.95 E**
467389	1-1/2" NPT	**$20.95 E**
467399	2" NPT	**$33.95 E**



90° Bronze Pipe Street Elbows

467250	1/4" NPT	**$5.95 E**
467262	3/8" NPT	**$5.95 E**
467274	1/2" NPT	**$7.95 E**
467286	3/4" NPT	**$10.95 E**
467298	1" NPT	**$16.95 E**
467301	1-1/4" NPT	**$25.95 E**
467313	1-1/2" NPT	**$33.95 E**
467315	2" NPT	**$57.95 E**



Bronze Pipe Unions

467983	1/8" NPT	**$13.95 E**
468012	1/2" NPT	**$14.95 E**
468024	3/4" NPT	**$20.95 E**
468036	1" NPT	**$30.95 E**
468048	1-1/4" NPT	**$40.95 E**
468050	1-1/2" NPT	**$46.95 E**
468062	2" NPT	**$93.95 E**



Bronze Pipe Reducing Couplings

467402	1/4" x 1/8" NPT	**$3.95 E**
467414	3/8" x 1/4" NPT	**$3.95 E**
467438	1/2" x 3/8" NPT	**$4.95 E**
467440	3/4" x 1/2" NPT	**$8.95 E**
467452	1" x 3/4" NPT	**$12.95 E**
467464	1-1/4" x 1" NPT	**$22.95 E**
467476	1-1/2" x 1-1/4" NPT	**$25.95 E**
467478	2" x 1-1/2" NPT	**$39.95 E**



90° Bronze Pipe Elbows

467084	1/8" NPT	**$3.95 E**
467096	1/4" NPT	**$3.95 E**
467109	3/8" NPT	**$3.95 E**
467111	1/2" NPT	**$5.95 E**
467123	3/4" NPT	**$7.95 E**
467135	1" NPT	**$11.95 E**
467147	1-1/4" NPT	**$12.95 E**
467159	1-1/2" NPT	**$23.95 E**
467160	2" NPT	**$39.95 E**



Bronze Pipe Tees

467844	1/8" NPT	**$5.95 E**
467856	1/4" NPT	**$5.95 E**
467868	3/8" NPT	**$5.95 E**
467870	1/2" NPT	**$6.95 E**
467882	3/4" NPT	**$9.95 E**
467894	1" NPT	**$16.95 E**
467907	1-1/4" NPT	**$23.95 E**
467919	1-1/2" NPT	**$33.95 E**
467921	2" NPT	**$54.95 E**



Bronze Pipe Bushings

467488	1/4" x 1/8" NPT	**$0.95 E**
467490	3/8" x 1/8" NPT	**$1.95 E**
467515	3/8" x 1/4" NPT	**$1.95 E**
467527	1/2" x 1/4" NPT	**$2.95 E**
467539	1/2" x 3/8" NPT	**$1.95 E**
467540	3/4" x 1/4" NPT	**$4.95 E**
467541	3/4" x 1/2" NPT	**$7.95 E**
467542	3/4" x 3/8" NPT	**$4.95 E**
467560	1" x 1/2" NPT	**$6.95 E**
467565	1" x 3/4" NPT	**$6.95 E**
467577	1-1/4" x 3/4" NPT	**$10.95 E**
467589	1-1/4" x 1" NPT	**$9.95 E**
467568	1-1/2" x 1" NPT	**$13.95 E**
467503	1-1/2" x 1-1/4" NPT	**$13.95 E**
467573	2" x 1-1/4" NPT	**$21.95 E**
467590	2" x 1-1/2" NPT	**$21.95 E**

Pipe Fittings









Brass Pipe Nipples

466640 1/8" NPT	Close	**$2.95 E**
466641 1/8" NPT	Length 1-1/2"	**$2.95 E**
466652 1/8" NPT	Length 2"	**$2.95 E**
466688 1/4" NPT	Close	**$1.95 E**
466689 1/4" NPT	Length 1-1/2"	**$2.95 E**
466690 1/4" NPT	Length 2"	**$3.95 E**
466693 1/4" NPT	Length 3"	**$4.95 E**
466703 1/4" NPT	Length 4"	**$5.95 E**
466727 3/8" NPT	Close	**$2.95 E**
466739 3/8" NPT	Length 1-1/2"	**$2.95 E**
466741 3/8" NPT	Length 2"	**$5.95 E**
466743 3/8" NPT	Length 3"	**$5.95 E**
466777 3/8" NPT	Length 4"	**$6.95 E**
466791 1/2" NPT	Close	**$2.95 E**
466792 1/2" NPT	Length 1-1/2"	**$3.95 E**
466804 1/2" NPT	Length 2"	**$4.95 E**
466806 1/2" NPT	Length 3"	**$5.95 E**
466816 1/2" NPT	Length 4"	**$8.95 E**
466820 1/2" NPT	Length 5"	**$9.95 E**
466830 3/4" NPT	Close	**$4.95 E**
466831 3/4" NPT	Length 1-1/2"	**$5.95 E**
466842 3/4" NPT	Length 2"	**$7.95 E**
466854 3/4" NPT	Length 3"	**$8.95 E**

Brass Pipe Nipples

466866 3/4" NPT	Length 4"	**$11.95 E**
466867 3/4" NPT	Length 6"	**$16.95 E**
466880 1" NPT	Close	**$6.95 E**
466892 1" NPT	Length 2"	**$7.95 E**
466905 1" NPT	Length 3"	**$13.95 E**
466917 1" NPT	Length 4"	**$15.95 E**
466931 1-1/4" NPT	Close	**$9.95 E**
466936 1-1/4" NPT	Length 2"	**$14.95 E**
466944 1-1/4" NPT	Length 3"	**$18.95 E**
466979 1-1/4" NPT	Length 4"	**$27.95 E**
466980 1-1/4" NPT	Length 5"	**$30.95 E**
466993 1-1/2" NPT	Close	**$12.95 E**
467008 1-1/2" NPT	Length 2"	**$18.95 E**
467011 1-1/2" NPT	Length 3"	**$21.95 E**
467034 1-1/2" NPT	Length 4"	**$28.95 E**
467036 1-1/2" NPT	Length 5"	**$36.95 E**
467038 1-1/2" NPT	Length 6"	**$40.95 E**
467042 2" NPT	Close	**$19.95 E**
467045 2" NPT	Length 2-1/2"	**$25.95 E**
467046 2" NPT	Length 3"	**$31.95 E**
467053 2" NPT	Length 4"	**$40.95 E**
467054 2" NPT	Length 5"	**$46.95 E**
467055 2" NPT	Length 6"	**$53.95 E**



Bronze Pipe Caps

467678 1/8" NPT	**$2.95 E**
467705 1/2" NPT	**$3.95 E**
467717 3/4" NPT	**$4.95 E**
467729 1" NPT	**$7.95 E**
467731 1-1/4" NPT	**$12.95 E**
467734 1-1/2" NPT	**$16.95 E**
467738 2" NPT	**$28.95 E**



45° Bronze Pipe Elbows

467161 1/8" NPT	**$4.95 E**
467173 1/4" NPT	**$4.95 E**
467185 3/8" NPT	**$4.95 E**
467197 1/2" NPT	**$5.95 E**
467205 3/4" NPT	**$7.95 E**
467212 1" NPT	**$13.95 E**
467214 1-1/4" NPT	**$21.95 E**
467216 1-1/2" NPT	**$34.95 E**
467218 2" NPT	**$43.95 E**

Pipe to Hose Adapters



Bronze Pipe to Hose Adapters
NPT to hose.

371207	(5062)	1/2"	Length Overall 2-1/4"	**$5.95 H**
542046	(PTH750)	3/4"	Length Overall 1-3/4"	**$7.95 H**
542058	(PTH1000)	1"	Length Overall 1-3/4"	**$10.95 H**
542060	(PTH1250)	1-1/4"	Length Overall 2"	**$19.95 H**
542072	(PTH1500)	1-1/2"	Length Overall 2-1/4"	**$25.95 H**
542084	(PTH2000)	2"	Length Overall 2-5/8"	**$26.95 H**



Pipe to Hose Adapters
Cast bronze. Curved 90°.

541323	(PTHC750)	Hose 3/4"	4-1/2" L	**$11.95 H**
541335	(PTHC1000)	Hose 1"	4-3/4" L	**$18.95 H**
541347	(PTHC1125)	Hose 1-1/8" x 1-1/4" NPT	5-1/2" L	**$27.95 H**
541359	(PTHC1500)	Hose 1-1/2"	6" L	**$38.95 H**

GROCO



Straight Hose Barb



90° Hose Barb

Groco Full Flow Pipe to Hose Adapters
Cast bronze. Full pipe size flow provides an unrestricted passage through the fitting. Enough barb area for double hose clamps. Generous hex nut cast in for secure tightening.

Straight Hose Barb

371219	(FF-750)	3/4" NPT	Hose ID 1"	**$9.95 H**
371221	(FF-1000)	1" NPT	Hose ID 1-1/4"	**$12.95 H**
371233	(FF-1250)	1-1/4" NPT	Hose ID 1-1/2"	**$22.95 H**
371245	(FF-1500)	1-1/2" NPT	Hose ID 1-3/4"	**$24.95 H**
371257	(FF-2000)	2" NPT	Hose ID 2-1/4"	**$54.95 H**

90° Hose Barb

371269	(FFC-750)	3/4" NPT	Hose ID 1"	**$18.95 H**
371271	(FFC-1000)	1" NPT	Hose ID 1-1/4"	**$26.95 H**
371283	(FFC-1250)	1-1/4" NPT	Hose ID 1-1/2"	**$40.95 H**
371295	(FFC-1500)	1-1/2" NPT	Hose ID 1-3/4"	**$50.95 H**
371308	(FFC-2000)	2" NPT	Hose ID 2-1/4"	**$105.95 H**

Forespar 90° Elbows

Forespar 90° Elbows
Molded in high strength glass reinforced "Marelon" for superior corrosion protection.

Forespar



354263	(901000) 1/2" IPT	Hose ID 5/8"	**$2.95 H**
354275	(901001) 3/4" IPT	Hose ID 3/4"	**$3.95 H**
354287	(901002) 1" IPT	Hose ID 1"	**$4.95 H**
354299	(901003) 1-1/4" IPT	Hose ID 1-1/4"	**$5.95 H**
354302	(901004) 1-1/2" IPT	Hose ID 1-1/2"	**$7.95 H**

Forespar Tailpipes

Forespar



Forespar Tailpipes
Molded in high strength glass reinforced "Marelon" for superior corrosion protection. Pipe to assorted hose sizes.

354427	(910148) 1/4" Thread	Tube ID 3/8"	**$1.95 H**
354439	(910149) 1/4" Thread	Tube ID 1/2"	**$1.95 H**
354453	(910154) 3/8" Thread	Tube ID 1/2"	**$2.95 H**
354465	(910156) 1/2" Thread	Tube ID 1/2"	**$2.95 H**
354477	(910157) 1/2" Thread	Tube ID 3/4"	**$3.95 H**
354489	(910158) 3/4" Thread	Tube ID 1/2"	**$4.95 H**
354491	(910159) 3/4" Thread	Tube ID 3/4"	**$4.95 H**
354504	(910160) 3/4" Thread	Tube ID 1"	**$4.95 H**
354516	(910168) 1-1/4" Thread	Tube ID 1-1/2"	**$6.95 H**

Forespar



Forespar Tailpipes
Molded in high strength glass reinforced "Marelon" for superior corrosion protection. Perfect choice for joining hose lines to ball valves and seacocks.

354201	(905006) 1/2" NPT	Hose ID 5/8"	**$3.95 H**
354213	(905007) 3/4" NPT	Hose ID 3/4"	**$3.95 H**
354225	(905008) 1" NPT	Hose ID 1"	**$5.95 H**
354237	(905009) 1-1/4" NPT	Hose ID 1-1/4"	**$5.95 H**
354249	(905010) 1-1/2" NPT	Hose ID 1-1/2"	**$6.95 H**

Ball Valves

GROCO®



Groco Ball Valves

Patent-pending field-changeable handle rotation enables installation in tight spaces. Patent-pending handle has square hole to accept standard ratchet. Full flow for all sizes. Stainless steel handle and stem. NPT threaded ports. Bonding attachment and drain plug included.

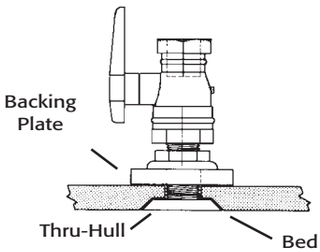
375229	(IBV-375)	3/8" Bronze Full Flow Ball Valve	**$20.95 H**
375231	(IBV-500)	1/2" Bronze Full Flow Ball Valve	**$30.95 H**
375242	(IBV-750)	3/4" Bronze Full Flow Ball Valve	**$35.95 H**
375258	(IBV-1000)	1" Bronze Full Flow Ball Valve	**$66.95 H**
375268	(IBV-1250)	1-1/4" Bronze Full Flow Ball Valve	**$76.95 H**
375278	(IBV-1500)	1-1/2" Bronze Full Flow Ball Valve	**$113.95 H**
375281	(IBV-2000)	2" Bronze Full Flow Ball Valve	**$199.95 H**



Conbraco "Apollo" Ball Valves

Bronze with threaded ends. Series 70-100 features chromium plated ball, reinforced teflon seats and stuffing box ring, blow-out-proof stem design, stainless steel lever and nut. Rated to 600 PSI. For water, oil or gas. Sold each.

313003	(70-102-10)	3/8" NPT	**$18.95 H**
313015	(70-103-10)	1/2" NPT	**$18.95 H**
313027	(70-104-10)	3/4" NPT	**$30.95 H**
313039	(70-105-10)	1" NPT	**$37.95 H**
313041	(70-106-10)	1-1/4" NPT	**$61.95 H**
313053	(70-107-10)	1-1/2" NPT	**$77.95 H**
313065	(70-108-10)	2" NPT	**$95.95 H**
313089	(W565700)	Spare S/S Lever - 3/4" to 1"	**$6.95 H**
313091	(W565800)	Spare S/S Lever - 1-1/4"	**$7.95 H**





Forespar Ball Valves

Molded in high strength glass reinforced "Marelon". Lightweight and complete freedom from corrosion and electrolysis. Ideal for controlling water requirements above or below the waterline. P.T.F.E. seals are supplied. Sold each.

354124	(905100)	1/2" NPT	**$37.95 H**
354136	(905101)	3/4" NPT	**$43.95 H**
354148	(905102)	1" NPT	**$102.95 H**
354150	(905103)	1-1/4" NPT	**$107.95 H**
354162	(905104)	1-1/2" NPT	**$133.95 H**

Seacocks

GROCO®



375285



373251

Groco Full-Flow Flanged Ball-Type Seacock

New Tri-flange base and mount hole pattern provide easy retrofit when replacing most popular brands. Patented selectable handle rotation. Handle has square hole that accepts standard ratchet, in order to access hard-to-reach valves and ease actuation of hard-to-operate valves. Drain plug on both sides for efficient winterization. Full pipe-size flow. Stainless steel ball and stem. PTFE seats and seals. Top connection: 2". Bottom pipe size: 2". Sold each.

373251 (BV-2000) **$361.95 E**

Groco Full-Flow Flanged Safety Seacocks

New Tri-flange base. Handle has square hole that accepts standard ratchet, in order to access hard-to-reach valves and ease actuation of hard-to-operate valves. Side port has Quick-Release Plug for emergency bilge pumping and a Service Adaptor for routine winterization and maintenance. Full pipe-size flow. Stainless steel ball and stem. PTFE seats and seals.

375284	(SBV-1500)	Bottom Port: 1-1/2"	Top Port: 1-1/2"	**$415.95 H**
375285	(SBV-2000)	Bottom Port: 2"	Top Port: 2"	**$592.95 H**
375286	(SBV-2500)	Bottom Port: 2-1/2"	Top Port: 2-1/2"	**$872.95 H**
375287	(SBV-3000)	Bottom Port: 3"	Top Port: 3"	**$1,247.95 H**



Conbraco "Apollo" Full Flow Seacocks

Bronze ball type valve. UL listed. Chrome plated bronze ball resists damage from marine growth. Winterizing drain plug. Stainless steel lever and nut.

312950	(78-115-01F)	3/4" Thread	**$66.95 H**
312962	(78-118-01)	1" Thread	**$98.95 H**
312974	(78-119-01)	1-1/4" Thread	**$105.95 H**
312986	(78-116-01F)	1-1/2" Thread	**$151.95 H**
312998	(78-120-01)	2" Thread	**$287.95 H**

Brass Gate Valves



Brass Gate Valves

485498	(940-132) 1/2" NPT	**$9.95 E**
485501	(940-133) 3/4" NPT	**$12.95 E**
485513	(940-134) 1" NPT	**$17.95 E**
485525	(940-135) 1-1/4" NPT	**$31.95 E**
485537	(940-136) 1-1/2" NPT	**$40.95 E**
485549	(940-137) 2" NPT	**$52.95 E**

Swing Check Valves



Swing Check Valves

485561	1/2" NPT	**$10.95 E**
485573	3/4" NPT	**$12.95 E**
485585	1" NPT	**$17.95 E**
485597	1-1/4" NPT	**$27.95 E**
485609	1-1/2" NPT	**$40.95 E**
485621	2" NPT	**$58.95 E**

Marpac Thru-Hull Connectors



Marpac Thru-Hull Connectors
All nylon thru-hull with stainless steel outside cover.

7-0848	Hose ID 3/4"	**$6.95 F 3Q**
7-0850	Hose ID 1-1/8"	**$6.95 F 3Q**
7-0852	Hose ID 1-1/2"	**$8.95 F 3Q**



Marpac Thru-Hull Connectors
Stainless steel. Includes stainless steel nut.

7-0855	Hose ID 3/4"	**$17.95 F 3Q**
7-0856	Hose ID 1-1/8"	**$23.95 F 3Q**
7-0857	Hose ID 1-1/2"	**$30.95 F 3Q**



Manufactured by Perko for Marpac

Marpac Thru-Hull Connectors
Molded plastic. **Note:** Thru-hulls for hose are not recommended for use below the waterline.

7-0357	Hose ID 1/2"	White	**$3.95 F 3Q**
7-0358	Hose ID 5/8"	White	**$3.95 F 3Q**
7-0359	Hose ID 3/4"	White	**$3.95 F 3Q**
7-0359S	Hose ID 3/4"	Bucket of 24	**$60.72 C**
7-0360	Hose ID 1"	White	**$3.95 F 3Q**
7-0363	Hose ID 1-1/8"	White	**$4.95 F 3Q**
7-0365	Hose ID 1-1/2"	White	**$6.95 F 3Q**
7-0354	Hose ID 3/4"	Black	**$2.95 F 3Q**
7-0356	Hose ID 1-1/8"	Black	**$3.95 F 3Q**



Marpac 90° Thru-Hull Connectors
Molded white plastic. **Note:** These thru-hulls for hose are not recommended for use below the waterline.

7-0361	Hose ID 5/8"	**$4.95 F 3Q**
7-0362	Hose ID 3/4"	**$4.95 F 3Q**
7-0364	Hose ID 1-1/8"	**$5.95 F 3Q**

Forespar Thru-Hull Connectors - Plastic


250 Series


251 Series


253 Series

Forespar Thru-Hull Connectors - Plastic

For connection to seacox, ball valves or hose. Molded in high strength glass reinforced "Marelon" for superior corrosion protection. For use above or below the waterline. Must be installed with proper bedding compound. Sold each.

250 Series Thru-Hull Connectors. Full threaded/flush head.

353502	(906000) 1/2" Thread	Length 2"	**$11.95 H**
353514	(906002) 3/4" Thread	Length 2-1/4"	**$13.95 H**
353526	(906004) 1" Thread	Length 2-3/8"	**$13.95 H**
353538	(906006) 1-1/4" Thread	Length 3"	**$15.95 H**
353540	(906008) 1-1/2" Thread	Length 3"	**$24.95 H**

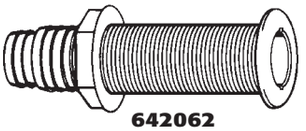
251 Series Thru-Hull Connectors. Full threaded/mushroom head.

353576	(906010) 1/2" Thread	Length 2"	**$13.95 H**
353588	(906012) 3/4" Thread	Length 2-1/4"	**$13.95 H**
353589	(906014) 1" Thread	Length 2-3/8"	**$16.95 H**
353590	(906016) 1-1/4" Thread	Length 3"	**$19.95 H**
353603	(906018) 1-1/2" Thread	Length 3"	**$24.95 H**

253 Series Thru-Hull Connectors. Hose tailpipe/mushroom head.

353639	(906022) Hose ID 1/2" - 5/8"	**$13.95 H**
353641	(906024) Hose ID 3/4"	**$13.95 H**
353653	(906026) Hose ID 1"	**$16.95 H**
353665	(906028) Hose ID 1-1/4"	**$19.95 H**
353677	(906030) Hose ID 1-1/2"	**$24.95 H**

T-H Marine Extended Length Thru-Hull Connectors - Plastic


642062


642024

T-H Marine Extended Length Thru-Hull Connectors - Plastic

Made of the highest quality virgin material to insure consistent size, extra durability and attractive appearance. White. Sold each per skin packed card. Standard pack 12.

Hose ID 1-1/2". Length 3-1/4". Maximum hull thickness 1-1/4". Flange diameter 2-7/8"

641414 (TH-1502) **$4.95 H**

Hose ID 3/4". Length 4-1/2". Maximum hull thickness 2". Flange diameter 1-3/4"

642024 (TH-752XL) **$4.95 H**

Hose ID 1-1/8" and 1-1/4". Length 3-3/8". Maximum hull thickness 3-1/8". Flange diameter 1-7/8"

642062 (TH-1202XL) **$5.95 H**

Hose ID 1-1/2". Length 5-3/8". Maximum hull thickness 3-1/4". Flange diameter 2-7/8"

641427 (TH-1502XL) **$9.95 H**

Perko Fig. 328 Thru-Hull Connectors - Plastic



Perko Fig. 328 Thru-Hull Connectors - Plastic

Molded white plastic. Broad flange. **Note:** Thru-hull connections for use with hose are not recommended for use below the waterline. Sold each.

536992	(328 005)	Hose ID 3/4"	Flange OD 2-1/16"	**$3.95 L**
582785	(72)	Hose ID 2"		**$42.95 H**

Groco Thru-Hull Connectors

Groco Thru-Hull Connectors
Cast bronze. Flange is machined to fit hull and grooved to retain bedding compound. Neck is threaded to approximately 3/8" from flange. Sold each.

256443 (TH500W)	Pipe 1/2"	Flange OD 1-1/2"	**$15.95 H 4K**
256455 (TH750W)	Pipe 3/4"	Flange OD 1-7/8"	**$18.95 H 4K**
256479 (TH1000W)	Pipe 1"	Flange OD 2-3/16"	**$28.95 H 4K**
256493 (TH1250W)	Pipe 1-1/4"	Flange OD 2-3/4"	**$51.95 H 4K**
256506 (TH1500W)	Pipe 1-1/2"	Flange OD 3"	**$73.95 H 4K**
256518 (TH2000W)	Pipe 2"	Flange OD 3-5/8"	**$76.95 H 4K**
256520 (TH2500W)	Pipe 2-1/2"	Flange OD 4-1/2"	**$190.95 H 4K**
256532 (TH3000W)	Pipe 3"	Flange OD 5"	**$284.95 H 4K**

GROCO®



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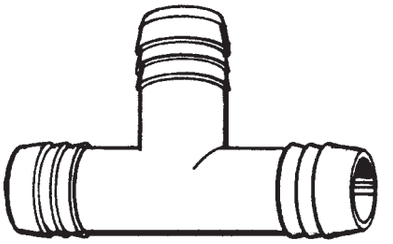
Groco Extra Long Thru-Hull Connectors
Extra long. Cast bronze. Flange is machined to fit hull and grooved to retain bedding compound. Neck is threaded to approximately 3/8" from flange. Sold each.

256557 (THXL750W)	Pipe 3/4"	Flange OD 1-7/8"	Max. Hull Thick. 5"	**$28.95 H**
256568 (THXL1000W)	Pipe 1"	Flange OD 2-1/4"	Max. Hull Thick. 4-7/8"	**$32.95 H**
256571 (THXL1250W)	Pipe 1-1/4"	Flange OD 2-3/4"	Max. Hull Thick. 4-5/8"	**$46.95 H**
256583 (THXL1500W)	Pipe 1-1/2"	Flange OD 3"	Max. Hull Thick. 4-5/8"	**$57.95 H**
256595 (THXL2000W)	Pipe 2"	Flange OD 3-5/8"	Max. Hull Thick. 4-1/2"	**$62.95 H**



T-H Marine Plumbing Tee

T-H Marine



T-H Marine Plumbing Tee
3 way hose barb. 3/4".

641375 (TEE-3/4) **$1.95 H**

Buck Algonquin "Tuff-Lite" Nylon Tees

BUCK ALGONQUIN Marine Hardware



Buck Algonquin "Tuff-Lite" Nylon Tees

354617 (6OTSSS222)	Tube ID 1/4"	**$1.95 G**
354629 (6OTSSS333)	Tube ID 3/8"	**$1.95 G**
354631 (6OTSSS444)	Tube ID 1/2"	**$1.95 G**

Water Strainers

GROCO®



Groco Bronze Intake Strainers
Bronze. NPT thru-hull fitting with integral scoop strainer.

256734 (STH500W)	Pipe 1/2"	**$21.95 H 4K**
256746 (STH750W)	Pipe 3/4"	**$29.95 H 4K**
256758 (STH1000W)	Pipe 1"	**$38.95 H 4K**
256772 (STH1250W)	Pipe 1-1/4"	**$55.95 H 4K**
256784 (OOIS150)	Pipe 1-1/2"	**$96.95 G**
256785 (OOIS200)	Pipe 2"	**$63.95 G**



Bronze Scoop Strainers
Bronze. Converts standard thru-hull to high speed intake strainer.

256621	Thru-Hull 3/8" and 1/2"	**$15.95 H**
256633 (SS-500)	Thru-Hull 3/4"	**$16.95 G**
256645 (SC1000L)	Thru-Hull 3/4" and 1"	**$25.95 H**
256657 (SC1500L)	Thru-Hull 1-1/4" and 1-1/2"	**$35.95 H**
256669	Thru-Hull 2"	**$73.95 H**

BUCK ALGONQUIN Marine Hardware



Buck-Algonquin Navy Pump Strainers
Dimensions: 3-1/2" x 5".

256873 (NPSB-150)	Aluminum	For 1-1/2" Pipe Nipple	**$94.95 G**
256900 (NPS-200)	Cast Bronze	For 2" Pipe Nipple	**$95.95 G**
256885 (NPSB-200)	Aluminum	For 2" Pipe Nipple	**$97.95 G**



Sen-Dure Water Strainer
Bronze. For seacock inlets up to 2-1/2". Overall size: 15" x 5-7/8".

605014 (0910) **$271.95 D**

PERKO®



Perko Fig. 722 Pump Strainer
Cast bronze construction. Pipe 1-1/4". Length overall 4-1/2". Width overall 2-3/4".

541791 (722 000 PLB) **$99.95 H**

PERKO®



Perko Fig. 709 Pump Strainer
Cast bronze construction. Hose 5/8". Length overall 3-5/8". Width overall 1-3/4".

541727 (709 DP PLB) **$50.95 H**

PERKO®



Perko Fig. 86 Round Strainers
Cast bronze construction. For mounting over thru-hull or other draining needs.

542666 (86 001) OD 2-1/2"	Thru-Hull 3/8" and 1/2"	**$12.95 H**
542678 (86 002) OD 3"	Thru-Hull 3/4"	**$16.95 H**
542680 (86 003) OD 3-1/2"	Thru-Hull 1"	**$17.95 H**
542692 (86 004) OD 4"	Thru-Hull 1-1/4"	**$23.95 H**
542705 (86 005) OD 5"	Thru-Hull 2"	**$45.95 H**
542717 (86 006) OD 6"	Thru-Hull 2-1/2"	**$55.95 H**

BUCK ALGONQUIN Marine Hardware



Buck-Algonquin Intake Water Strainer – Adjustable
Bronze. Diameter 6". Overall height 4-1/2". Hose 1-1/2". Tapped for 1" pipe. Ends can be cut off leaving 1-1/2" hose ends. Clear plexiglass top.

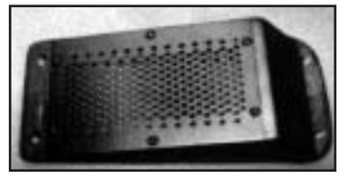
257205 (IWS-150)		**$268.95 G**
257229 (IWS-3)	Replacement Gasket	**$9.95 G**
257245 (70IWS1215R)	Screen Only	**$15.95 G**

Water Strainers



Buck-Algonquin Rectangular Scoop Strainers
Cast bronze. Slide-out removable screens.

256708 (RSS655P) Dim.: 10-5/16" L x 4-5/8" W **$125.95 G**
256710 (RSS1100P) Dim.: 12-3/4" L x 5-7/8" W **$181.95 G**
256709 (RSS655PS) Screen Only for RSS655P **$23.95 G**
256711 (RSS1100PS) Screen Only for RSS1100P **$23.95 G**



Buck-Algonquin Rectangular Scoop Strainer
Cast bronze. Type: Perforated. Screen is stainless steel. Inside dimensions: 6-1/2" x 4". Max. thru hull: 2-1/2".

256683 (RSS650P) **$105.95 G**



Groco Hull Strainers with Access Door
Bronze. Access to the thru-hull fitting and seacock beneath strainer is made easy with the patented access door design. Now there is no need to remove the entire strainer to remove nuisance marine growth.

1-1/4" maximum thru-hull. Dimensions: 7" L x 3-3/8" W x 1-1/2" D.
374162 (ASC-1250) **$123.95 H**

2" maximum thru-hull. Dimensions: 10-1/4" L x 4.38" W x 1.63" D.
374166 (ASC-2000) **$172.95 H**



Jabsco "Pumpgard" In-Line Strainers
Prevents dirt and particles from entering pump intake, cuts repairs, easy to install. Works in any position. Transparent inspection housing. Just remove one screw for easy cleaning.

414754 (36400-0000) Slip-on ports 1/2" ID hose 50 Mesh Screen **$19.95 F**
414350 (36200-0000) Slip-on ports 3/4" ID hose 16 Mesh Screen **$17.95 F**



Johnson Pump PUMProtector Universal Strainer
Assure long, trouble-free pump operation. Strainers visible through transparent covers. Covers can be twisted off with one hand. Easy to install and remove for thorough cleaning thanks to KlickTite™ port connectors. Make it easier to drain and winterize the pump system. Stainless steel 40 mesh. 2x 1/2" barb / 3/8" NPT, 2x 3/4" barb / 1/2" NPT. Diameter 3.15". Height 2.35". Materails comply with ANSIO/NSF Standard 61.

471374 (09-24652-02) **$11.95 F**



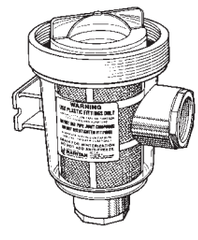
Shurflo Raw Water Strainers
Built to keep bait tank, livewell and washdown pumps protected from harmful debris. The Raw Water Strainer features a clear twist off bowl and removable stainless steel screen, which allows for easy inspection and cleaning. An integral o-ring creates a tight seal, eliminating possible leaks. Screen: Mesh T304 SS.

375190 (253-220-01) Inlet/Outlet Ports: 3/4" NPT-F **$37.95 E**
375205 (253-400-01) Inlet/Outlet Ports: 1-1/4" NPT-F **$66.95 E**



Buck-Algonquin Black Polyethylene Strainers

256722 (TSS-25) Size 2" **$10.95 G**
256735 (TSS-35) Size 3" **$22.95 G**



Raritan Raw Water Strainer
Wise addition to all seawater intake lines. Trash and waterflow can be monitored through this clear plastic body. Nylon strainer basket can be removed without tools. Inlet and outlet 1-1/2" NPT female pipe thread. Plastic fittings must be used. Height 9-3/4".

564268 (RWS) **$163.95 E**



Forespar Water Strainer
Molded in high strength glass reinforced "Marelon" for superior corrosion protection. It features an integral mounting bracket and clear polycarbonate lid for ready inspection. The plastic strainer basket can be easily removed for cleaning. Intake and exit ports are 1-1/2" threads standard. Diameter: 6.3". Height: 6.1". The flow rate is 40 GPM.

353401 (906066) **$132.95 H**

Perko Intake Water Strainers



PERKO®

NEW ITEM

Perko Fig. 693
Heavy Duty Intake Water Strainer for 4" Pipe Cast Brone

It is designed for easy installation and cleaning. Features include mounting lugs cast into both sides to assure universal mounting, four outside stainless steel tie rods and nuts. A 316 stainless steel strainer basket to minimize electrolysis. Acrylic cylinder. Screen hole size diameter .077 inches. Winged cast bronze lugs for easy removal of cover to permit cleaning of the strainer basket. A drain plug in the bottom casting is provided for easily removing sediment and draining for winterizing. High capacity with diesels and large gasoline engines. Tested and accepted for labeling and UL listed. Pipe Size: 4". Cylinder: 8-3/4" x 12". Basket: 6-3/4" x 8-5/8". Height 17-1/2". Width 16-1/2". Weight: 122 Lbs. Ratio: 10:1

539556 (693 012 PLB) **$4,624.95 H**



PERKO®

Perko Fig. 500 Heavy Duty Intake Water Strainer

Cast bronze. It is designed for easy installation and cleaning. Features include mounting lugs cast into both sides to assure universal mounting, four outside tie rods and a 304 stainless steel strainer basket to minimize electrolysis. Screen hole size diameter .077 inches, 46% open area. Hinged lugs for the cast bronze cover permit easy removal and cleaning of the strainer basket. A drain plug in the bottom casting is provided for easily removing sediment and draining for winterizing. High capacity with diesels and large gasoline engines. Tested and accepted for labeling and UL listed. Pipe 3". Cylinder 8" x 14". Height 18-1/2". Width 9".

539506 (500 011) **$1,207.95 H**

Spare Parts for Perko Fig. 500

539520 (500 011 99D) Basket Strainer **$253.95 E**
539532 (500 011 99M) Cork Gasket Kit: (1) Cover Gasket & (2) Cyl. Gaskets **$44.95 H**
539535 (500 DP9 99R) Rubber Gasket Kit **$44.95 H**
539544 (500 011 99L) Hinged Bolt for Cover with Pin, Nut and Washer **$35.95 H**



PERKO®

Perko Fig. 493 Intake Water Strainers

Cast bronze. It is designed for easy installation and cleaning. Features include mounting lugs cast into both sides to assure universal mounting, four outside tie rods and a 304 stainless steel strainer basket to minimize electrolysis. Screen hole size diameter .077 inches, 46% open area. Hinged lugs for the cast bronze cover permit easy removal and cleaning of the strainer basket. A drain plug in the bottom casting is provided for easily removing sediment and draining for winterizing. Tested and accepted for labeling and UL listed.

538946	(493 004)	Pipe 1/2"	Cyl. 3-1/2" x 4"	Height 5-3/4"	Width 4-1/2"	**$257.95 H**
538958	(493 005)	Pipe 3/4"	Cyl. 3-1/2" x 6"	Height 8-3/8"	Width 4-1/2"	**$295.95 H**
538960	(493 006)	Pipe 1"	Cyl. 4-1/2" x 5-1/2"	Height 9-1/2"	Width 5-1/2"	**$391.95 H**
538972	(493 007)	Pipe 1-1/4"	Cyl. 4-1/2" x 6"	Height 10"	Width 5-1/2"	**$409.95 H**
538984	(493 008)	Pipe 1-1/2"	Cyl. 6" x 8"	Height 11-1/2"	Width 7-1/4"	**$623.95 H**
538996	(493 009)	Pipe 2"	Cyl. 6" x 12"	Height 16"	Width 7-1/2"	**$772.95 H**
539001	(493 010)	Pipe 2-1/2"	Cyl. 6" x 12"	Height 16"	Width 7-1/2"	**$803.95 H**

Model	Transparent Cylinder Only – 99C	Basket Strainer – 99D	Hinged Bolt for Cover – 99L	(1) Cover and (2) Cylinder Gaskets – 99M
538946 (493 004)	N/A	N/A	**539377** – $24.95 H	**539291** – $18.95 H
538958 (493 005)	**539037** – $58.95 E	**539095** – $51.95 E	**539377** – $24.95 H	**539291** – $18.95 H
538960 (493 006)	N/A	**539102** – $64.95 E	**539378** – $27.95 H	**539316** – $22.95 H
538972 (493 007)	**539051** – $54.95 E	**539114** – $73.95 E	**539378** – $27.95 H	**539316** – $22.95 H
538984 (493 008)	**539063** – $83.95 E	**539126** – $97.95 E	**539379** – $34.95 H	**539328** – $33.95 H
538996 (493 009)	**539075** – $120.95 E	**539138** – $126.95 E	**539379** – $34.95 H	**539328** – $33.95 H
539001 (493 010)	**539075** – $120.95 E	**539140** – $140.95 E	**539379** – $34.95 H	**539328** – $33.95 H

Groco ARG Series Water Strainers

Model	Basket, S/S	Repair Kit*
373009 (ARG-500-S)	**373112** – $32.95 E	N/A
373011 (ARG-750-S)	**373124** – $35.95 E	N/A
373023 (ARG-1000-S)	**373136** – $42.95 E	**373097** – $18.95 E
373035 (ARG-1250-S)	**373148** – $46.95 E	**373097** – $18.95 E
373037 (ARG-1500-S)	N/A	N/A

* Repair kit includes: Sight glass O-ring, cap O-ring, O-ring and washer.

GROCO®



MARINE UL

Groco ARG Series Water Strainers

#304 stainless steel filter basket. No tie rods or gaskets. Bronze castings. No leaks under pressure or vacuum. Routine maintenance and service without tools. Buna-N O-ring seals. Spanner wrench holes in screw-on cap allow use of Groco SW-2531 spanner wrench if desired. Available in 1/2" to 3" female pipe sizes.

373009 (ARG-500-S)	Pipe 1/2"	Cylinder Dia. 3.5"	Cyl. Height 4"	**$183.95 H**
373011 (ARG-750-S)	Pipe 3/4"	Cylinder Dia. 3.5"	Cyl. Height 6"	**$192.95 H**
373023 (ARG-1000-S)	Pipe 1"	Cylinder Dia. 4.5"	Cyl. Height 5.75"	**$263.95 H**
373035 (ARG-1250-S)	Pipe 1-1/4"	Cylinder Dia. 4.5"	Cyl. Height 7.75"	**$288.95 H**
373037 (ARG-1500-S)	Pipe 1-1/2"	Cylinder Dia. 6"	Cyl. Height "	**$354.95 H**
373039 (ARG-2000-S)	Pipe 2"	Cylinder Dia. 6"	Cyl. Height 9.56"	**$378.95 H**
373041 (ARG-2500-S)	Pipe 2-1/2"	Cylinder Dia. 6"	Cyl. Height 11.56"	**$438.95 H**
373043 (ARG-3000-S)	Pipe 3"	Cylinder Dia. 6"	Cyl. Height 13.94"	**$485.95 H**

Groco SA Series Water Strainers

GROCO®

Model	Basket, S/S	Cylinder	Repair Kit*
373364 (SA-1000-S)	**373528** – $43.95 E		**373453** – $34.95 E
373376 (SA-1250-S)	**373530** – $44.95 E		**373453** – $34.95 E
373388 (SA-1500-S)	**373542** – $54.95 E		**373465** – $53.95 E
373390 (SA-2000-S)	**373554** – $59.95 E	**373631** – $154.95 E	**373465** – $53.95 E
373403 (SA-2500-S)	**373566** – $65.95 E	**373643** – $188.95 E	**373465** – $53.95 E

* Repair kit includes: Sight glass O-ring, cap O-ring, O-ring and washer.



MARINE UL

Groco SA Series Water Strainers

#304 stainless steel filter basket with clear sight glass. Monel inside tie rod. Naval bronze outside tie rods. Easily to clean. Single bronze wingnut spins off for easy access to filter basket. Strainer heads threaded internally for NPT pipe connections. Available with #316 stainless steel sight glass for compliance with ABS Standards.

373364 (SA-1000-S)	Pipe 1"	Cylinder Dia. 5.50"	Cyl. Height 10.50"	**$343.95 H**
373376 (SA-1250-S)	Pipe 1-1/4"	Cylinder Dia. 5.50"	Cyl. Height 12.75"	**$378.95 H**
373388 (SA-1500-S)	Pipe 1-1/2"	Cylinder Dia. 7.50"	Cyl. Height 13.75"	**$555.95 H**
373390 (SA-2000-S)	Pipe 2"	Cylinder Dia. 7.31"	Cyl. Height 16.50"	**$732.95 H**
373403 (SA-2500-S)	Pipe 2-1/2"	Cylinder Dia. 7.50"	Cyl. Height 18.75"	**$814.95 H**

373718 (SVS-5)	Wingnut for SA-1000 and SA-1250	**$11.95 E**
373720 (S-75)	Wingnut for SA-1500, SA-2000 and SA-2500	**$17.95 E**
373768 (S82A)	End Cap for SA-1500, SA-2000 and SA-2500	**$129.95 G**
373578 (S-87-A)	Tie Rod for SA-2000	**$8.95 E**

Groco SD Series Water Strainers

Model	Basket, S/S	Cylinder	Repair Kit*
373908 (SD-2000-S)	**373960** – $245.95 E	N/A	**373946** – $34.95 E
373910 (SD-2500-S)	**373972** – $255.95 E	N/A	**373946** – $34.95 E
373922 (SD-3000-S)	**373984** – $261.95 E	**374025** – $349.95 E	**373946** – $34.95 E

* Repair kit includes: Sight glass O-ring, cap O-ring, O-ring and washer.

GROCO®

MARINE UL



Groco SD Series Water Strainers

Stainless steel filter basket with clear sight glass. Monel inside tie rod. Naval bronze outside tie rods. Bronze wingnut spins off for easy access to filter basket. Available pipe sizes: 2", 2-1/2" and 3". Available with #316 stainless steel sight glass for compliance with ABS Standards.

373908	(SD-2000-S)	Pipe 2"	Cylinder Dia. 9.00"	Cyl. Height 16.00"	**$1,261.95 H**
373910	(SD-2500-S)	Pipe 2-1/2"	Cylinder Dia. 9.00"	Cyl. Height 19.13"	**$1,438.95 H**
373922	(SD-3000-S)	Pipe 3"	Cylinder Dia. 9.00"	Cyl. Height 22.25"	**$1,503.95 H**

374075 (S-85)	Wingnut for SD-2000, SD-2500 and SD-3000	**$29.95 E**
374087 (SD-14)	Strainer Cap for SD-2000, SD-2500 and SD-3000	**$147.95 E**
374099 (SD-16)	End Cap for SD-2000, SD-2500 and SD-3000	**$235.95 E**
374126 (SD-20B)	Outside Tie Rod for SD-3000	**$15.95 E**

Groco VD Series Vertical Duplex Water Strainer



GROCO®

Groco VD Series Vertical Duplex Water Strainer

Stainless steel filter basket with clear sight glass. No need to stop the engine to clean the filter element; just turn the valve handle to select the side of the strainer desired for continued operation. Monel inside tie rods. Naval bronze outside tie rods. Easy to clean. Bronze wingnuts spin off to allow access to the filter baskets. Buna-N O-ring seals. Available in 2" pipe size. Height 16-1/2". Width 16". Depth 8".

374152 (VD-2000-S) **$2,238.95 G**

Groco SE Series - Large Engine Water Strainers

GROCO®



373939



373934

Groco SE Series - Large Engine Water Strainers

For high power engines with 4", 5" or 6" intake. Low restriction for maximum cooling water flow. No inside tie rods. Cover unscrews for easy filter basket cleaning. O-rings seal all mating surfaces. Improved cylindrical filter basket. Bronze castings. Lucite sight glass. Stainless steel filter basket.

Model SE Series. Pipe connection: 4" NPT. Cylinder diameter 13". Cylinder height 18.4".

373934 (SE-4000) **$4,570.95 H**

Model SEF Series. Pipe connection: 4" flange. Cylinder diameter 16.5". Cylinder height 18.3". Mounting bolts: 3/4.

373939 (SEF-4000) **$5,269.95 G**

Accessories

373950 Repair Kit	**$41.95 E**
373951 Cap	**$531.95 E**
373959 (SE-400B-1) Stainless Steel Basket	**$1,578.95 H**

Beckson Thirsty-Mate® Hand Bilge Pumps

Beckson



Beckson Thirsty-Mate® Hand Bilge Pumps

It is self-priming and very easy to clean. All plastic. Self lubricating. This hand pump will not rust or corrode or mar your boat. If your THIRSTY-MATE hand pump becomes clogged, simply remove the foot valve asembly and clean out the inside. Includes: Flexible hose. Manufactured in the USA.

247456	(118PF)	Length 18"	20" Hose	10 Strokes per Gal.	**$29.95 H**
247470	(124PF)	Length 24"	24" Hose	6 Strokes per Gal.	**$35.95 H**
247482	(124PF6)	Length 24"	72" Hose	6 Strokes per Gal.	**$46.95 H**
247494	(136PF)	Length 36"	36" Hose	4 Strokes per Gal.	**$43.95 H**
247507	(136PF6)	Length 36"	72" Hose	4 Strokes per Gal.	**$52.95 H**

Beckson



Beckson Thirsty-Mate®
Hand Bilge Pump - High Capacity

High capacity pump. All plastic. Self lubricating. This hand pump will not rust or corrode or mar your boat. Provided with 2" wire reinforced vinyl hose. Intake hose assembly: Length 4'. Outlet hose: Length 6'. Length 24". Diameter 3". Capacity 22 GPM.

247533 (519C) **$303.95 H**

Babin Bilge Pump



Babin Bilge Pump

The Babin Bilge Pump will empty up to 13 gallons per minute. Made of heavy galvanized iron, seamed and soldered, reinforced where necessary. Steel plunger rod, loop handle and rod protector at top end to prevent loss of plunger. Length overall 48". length spout 9-1/2". Diameter 1-1/2".

355708 **$35.95 E**

Rule Non-Automatic Bilge Pumps



Rule Non-Automatic Bilge Pumps

Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. Width 2-3/8". 12V DC. Sold each per skin packed card. Standard pack 24.

582000	(24)	360 GPH	Discharge 3/4"	3-1/2" H	**$20.95 F**
582026	(25D)	500 GPH	Discharge 3/4"	3-1/2" H	**$27.95 F 2Q**
582064	(27D)	1,100 GPH	Discharge 1-1/8"	4-1/4" H	**$45.95 F**



Rule Non-Automatic Bilge Pumps

Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. Width 2-7/8". Height 4". 12V DC. Sold each per skin packed card. Standard pack 24.

582040	(20F)	800 GPH	Discharge 3/4"	**$44.95 F 2Q**
582052	(20A)	1,000 GPH	Discharge 1-1/8"	**$45.95 F 2Q**



Rule Side Mounting Bracket for Bilge Pumps

Permits small Rule bilge pumps to be side mounted to a vertical stringer, a bulkhead or a transom. Use this bracket when bottom mounting is inconvenient or impossible. Simply remove the strainer from the pump, put the bracket in place, and reassemble. For use with Rule 360, 500 and 1,100 GPH bilge pumps.

582886 (66) **$6.95 H**

Attwood Tsunami Series Cartridge Bilge Pumps



Attwood Tsunami Series Cartridge Bilge Pumps

Made of premium materials with cool running motors, watertight seals and waterproof wiring ... together, they ensure a longer life . Motor cartridges are replaceable, so boaters can simply remove a cartridge that has reached the end of its useful life and insert another. Barbed 3/4" outlets for T-500 and T-800 bilge pumps. 1-1/8" barbed outlet for the T-1200 bilge pump. Improved motor and seal for longer life

236059	(4204-7)	T-500	500 GPH	**$22.95 H**
236078	(4207-7)	T-800	800 GPH	**$36.95 H**
236112	(4212-7)	T-1200	1,200 GPH	**$45.95 H**
236060	(4620-6)	Replacement Cartridge for **236059**		**$18.95 H**
236079	(4622-6)	Replacement Cartridge for **236078**		**$27.95 H**
236081	(4624-6)	Replacement Cartridge for **236112**		**$38.95 H**

Marpac Bilge Pumps



Marpac Bilge Pump - Riggers Pack
Power head is removable and can be mounted in four discharge outlet positions. Water cooled housing extends motor life. Quick release bracket allows for easy cleaning. 30" lead wires. Discharge 3/4". Height 4-3/8". 12 volt. Sold 24 bilge pumps per pack

7-0445 500 GPH **$351.95 D**



Marpac Cartridge Bilge Pump
Power head is removable. Water cooled housing extends motor life. Tough thermoplastic housing that resists heat and stress, it has a high grade 316 stainless steel shaft and heavy duty 16 gauge corrosion resistant tinned wire. Straight and omni-directional 90° hose barbs are included for the 3/4" discharge port, along with a backflow check valve. Made in USA, this pump meets and exceeds NMMA, ABYC, USCG and IMCI (ISO 8849) specifications. 12 volt.

7-0442 750 GPH **$30.95 E**
7-2218 Spare Cartridge **$24.95 F**

Mayfair Bilge Pumps



Mayfair First Mate Bilge Pump
It is the low profile and low cost choice of budget conscious boaters. Engineered for long life and high performance capacity. 3/4" hose. 12 volt. 1.5 amp.

470514 (2140-5) 400 GPH **$15.95 H**



Mayfair Pro-Line Bilge Pumps
Power head is removable and can be mounted in four discharge outlet positions. Water cooled housing extends motor life. Features a new efficient motor with greater torque and less amp draw, discharge water circulation for cooling, tough resin compound to resist shock, detergents, fuel and corrosives; heavy duty 16-gauge 30" wire leads with PVC insulation, soldered motor connectors, 35mm motor, rugged impeller and quick release bracket. 13.6 VDC. 4-3/8" high. Discharge 3/4". 12 volt.

470524 (2250-2) 500 GPH **$20.95 F**
470536 (2270-2) 750 GPH **$32.95 F**

Mayfair Cartridge Bilge Pumps
Tough resin compound resists shock, detergents, fuel and corrosives. Discharge water circulates around the motor to create a water-cooled effect. Convenient locking tab allows easy removal of cartridge. Rugged impeller is molded of a glass/resin composite for abrasion resistance, long service. Motor cartridge can be changed in a matter of seconds. Discharge 3/4". 12V DC. Sold each.

470687 (32502) 500 GPH **$20.95 F**
470651 (32702) 750 GPH **$31.95 F**
470548 (32102) 1,000 GPH **$36.95 F**
470740 (28552) Spare Cartridge for 500 GPH **$17.95 F**
470738 (28572) Spare Cartridge for 750 GPH **$27.95 F**
470726 (28512) Spare Cartridge for 1,000 GPH **$33.95 F**



Johnson Heavy Duty Capacity Bilge Pumps



470461 470447

Johnson Heavy Duty High Capacity Bilge Pumps

High impact plastic. Cool running, heavy duty, extended life motor. Fully submersible. Mechanical seal design eliminates shaft wear. Heavy duty double ball bearing motor. Tin coated 6' wire leads prevents corrosion. Designed and tested for tough salt water conditions.

470447 (16004) 1,600 GPH - 12 Volt 1-1/8" Discharge **$71.95 F**
470461 (22004) 2,200 GPH - 12 Volt 1-1/8" or 1-1/2" Discharge **$92.95 F**
470473 (22094) 2,200 GPH - 32 Volt 1-1/8" or 1-1/2" Discharge **$112.95 F**

Comes with 1-1/2" and 2" discharge parts. Maximum amp draw: 16 (Use 20 amp fuse). Pump interchangable with Rule 3700 base.

470497 (40004) 4,000 GPH - 12 Volt **$179.95 F**

Rule Non-Automatic Bilge Pumps



582456 582494 582482

Rule Non-Automatic Bilge Pumps

Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. Discharge 1-1/8". Height 6". Width 4-1/4".

582456 (02) 1,500 GPH 12V DC **$87.95 F**
582494 (10) 2,000 GPH 12V DC **$121.95 F**
582519 (12) 2,000 GPH 24V DC **$131.95 F**
582521 (11) 2,000 GPH 32V DC **$131.95 F**

Rule Non-Automatic Bilge Pump – 5 Year Warranty

Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean triple stage snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. Features an exclusive 5 year warranty. Heavy 5/16" stainless steel shaft. Discharge 1-1/8". Height 6". Width 4-1/4". 2,000 GPH. 12V DC.

582482 (09) **$162.95 F**



582584 582545

Rule Non-Automatic Bilge Pumps

Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. Width 4-7/8". Height 7-1/4". Discharge 1-1/2". 3,700 GPH.

582545 (14A) 12V DC **$197.95 F**
582557 (16A) 24V DC **$206.95 F**
582571 (15A) 32V DC **$204.95 F**

Rule Non-Automatic Bilge Pump

Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. Width 4-7/8". Height 7-3/4". Discharge 2". 4,000 GPH. 12V DC.

582584 (56D) **$313.95 H**
582785 (72) Thru Hull Fitting - 2" Straight **$42.95 H**



582812 582824

Rule Reducing Hose Adapter

Heavy duty molded, non-corrosive, high impact plastic. Double stepped straight adapter for adapting 1-1/8" outlet to 3/4" or 5/8" ID hose.

582824 (69) For Rule 1,000, 1,100, 1,500 2,000 & 5-Year Pumps **$6.95 H**

Rule Garden Hose Adapter

Heavy duty molded, non-corrosive, high impact plastic. Adapts 1-1/8" outlet to standard garden hose fitting.

582812 (68) For Rule 1,000, 1,100, 1,500 2,000 & 5-Year Pumps **$8.95 H**

Automatic Bilge Pumps



Marpac Automatic Bilge Pumps

A rugged ABS fuel resistant housing with patented "Field Effect" sensing technology that uses micro electrical fields to turn the pump on/off when water is detected, this bilge pump is an advanced digital design that is Mercury free with no float switch to be jammed on or off. The simple 3 wire design is easy to install and can be run in auto or manual override mode. Straight and omni-directional 90° hose barbs, as well as a backflow check valve are included. Made in USA, this pump is NMMA, ABYC, USCG and CE Certified. Includes a 3 year warranty.

7-2206	600 GPH	**$71.95 F 3Q**
7-2208	800 GPH	**$85.95 F 3Q**
7-2212	1,250 GPH	**$119.95 F 3Q**



Attwood Sahara Series Automatic Bilge Pumps

Compact size and low profile design. High-efficiency, permanent magnet motor uses composite brushes and permanently lubricated bearings for longer life. 316 stainless steel motor shaft for saltwater corrosion resistance. Durable impeller is made of tough, high-impact, glass-filled polyester. Pump/Switch housing attaches to filter base with handy side-lock snaps for security and quick, one-hand removal for easy cleaning. Test knob allows for easy and immediate operational check without disassembly. New, molded three-wire seal is permanently fused to wire insulation to prevent leak paths. Reliable mechanical switch for long and dependable service. Contains no mercury. Length 5-1/2". Width 3-1/4". Height 4". 12 volts.

236186	(4505-7) 500 GPH	Hose Size 3/4" ID	**$61.95 H**
236198	(4507-7) 750 GPH	Hose Size 3/4" ID	**$92.95 H**
236201	(4511-7) 1,100 GPH	Hose Size 1-1/8" ID	**$110.95 H**



582305

582329

Rule Automatic Bilge Pumps

Computerized operation - no float switch required. Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. Width 2-3/8". 12V DC.

582305	(25S)	500 GPH	Discharge 3/4"	Height 4"	**$80.95 F**
582329	(27S)	1,100 GPH	Discharge 1-1/8"	Height 4-1/2"	**$122.95 F**



582575

582222

Rule Automatic Bilge Pumps

Computerized operation - no float switch required. Fully submersible. Compact, efficient long life motor. Ignition protected. Easy clean snap lock strainer. Silent and vibrationless operation. No burn-out when run dry. Rust and corrosion protection. Anti-airlock protection. 3 wire version allows manual override or indicator light capability. Discharge 1-1/8". 4-3/4" W x 7-3/4" H. 12V DC.

582216	(51S-3) 1,500 GPH	**$265.95 G**
582222	(53S-3) 2,000 GPH	**$343.95 G**

Rule 110 Volt Automatic Pump

Designed to remove water from basements, garages, stairwells, utility rooms, backyards, sumps, pools, pool covers, boats and other utility applications. 8' cord. Includes: Garden hose and rigid pipe, #57. 1,800 GPH. 110V AC.

582575	(A53S)	**$181.95 F**

Rule-Mate™ Fully Automated Bilge Pumps

The pump and non-mercury float switch are in a single, compact housing. As the water level rises, so does the float switch, activating the pump when the water level reaches 2-1/8". There is no on/off cycling and therefore, no power use until the pump comes on. Exclusive Rule moisture tight seals. Easy clean snap-lock strainer bases. Silent and vibrationless operation. Anti-Airlock protection. Completely submersible. Stainless steel shafts. Ignition protection. No burn-out when run dry. Rust & corrosion protection. 12V DC.

582343	(RM500)	500 GPH	Discharge 3/4"	**$74.95 F**
582355	(RM750)	750 GPH	Discharge 3/4"	**$101.95 F**
582367	(RM1100)	1,100 GPH	Discharge 1-1/8"	**$132.95 F**
582379	(RM1500)	1,500 GPH	Discharge 1-1/8"	**$241.95 F**
582381	(RM2000)	2,000 GPH	Discharge 1-1/8"	**$310.95 F**



Rule Hi-Water Bilge Alarm



Rule Hi-Water Bilge Alarm

Consists of a non-mercury float switch and an in-dash gauge that features both a visual and an audible 85 db alarm. This unit allows an unmanned compartment to be constantly monitored. Complies with CFR 182.530 which requires a visual and audible alarm in each unmanned space on commercial vessels at least 26' in length.

581505 (33ALA) **$73.95 H**

Marpac High Water Bilge Alarm



Marpac High Water Bilge Alarm

SensaLevel detects so perfectly because it eliminates failure-prone parts: NO seals to leak. NO moving contacts to corrode. NO moving levers to become jammed. NO effect from temperature, humidity or vibration. The SensaLevel Dectector Cell surrounds itself with a micro-electrical field. When rising water disrupts that field, it triggers the alarm. Activation is accurate - no missed signals or false alarms.

7-2230 **$76.95 F 3Q**

Rule Combo Bilge Pump and Float Switch



Rule Combo
Bilge Pump and Float Switch

Includes: **582026** (25D) 500 GPH Bilge Pump and **582696** (40A) Rule-A-Matic Plus Float Switch. 3 year warranty on pump and 2 year warranty on float switch.

582038 (25D-40A) **$66.95 F**



Rule Combo
Bilge Pump and Float Switch

Includes: **582000** (24) 360 GPH Bilge Pump and **582646** (35A) Rule-A-Matic Float Switch. 3 year warranty on pump and 2 year warranty on float switch.

582076 (24-35A) **$48.95 F**



Rule Combo
Bilge Pump and Float Switch

Includes: (20R) 800 GPH Bilge Pump and **582646** (35A) Rule-A-Matic Float Switch.

582030 (20R-35A) **$77.95 F**

Marpac Ultima Switch



Marpac Ultima Switch

Features Mirus detector cells with "field effect" technology. Field effect technology utilizes detectors with a unique electrode structure that projects dual micro-electric fields that actually detect the presence of water in the bilge. This patented design allows the detectors to be tuned to read contaminates such as oil or fuel that can foul or stick older mechanical style devices and electronic switches. No moving parts, and no mercury make the Ultima Switch highly reliable and environmentally friendly.

7-2228 **$32.95 E**

Float Switches



Marpac
Automatic Float Switch
For bilge pump and high water alarm systems. Mercury switch potted in a urethane foam float will never waterlog. High impact polypropylene case protects float and prevents failures due to debris lodging on top or under the float. For manual operation simply rotate the external shaft. Self piloting mounting screws. 5 year warranty. Width 2-7/8". Length 5-1/2".

7-0449 **$29.95 F 3Q**



Rule Rule-A-Matic® Plus™ Float Switch
Sleek and rugged, this float switch has a strong, fully integrated, impact resistant cover, which protects against debris and jamming. 14 gauge highly abrasive resistant marine grade wire, and a built-in test feature. Designed for pumps drawing up to 20 Amps. Dimensions: 4-7/8" x 2-1/2" x 2-3/4". 2 year warranty.

582696 (40A) **$46.95 F**



Sure Bail Automatic Float Switch
For bilge pump and high water alarm systems. Mercury switch potted in a urethane foam float will never waterlog. High impact polypropylene case protects float and prevents failures due to debris lodging on top or under the float. For manual operation simply rotate the external shaft. Self piloting mounting screws. Width 2-7/8". Length 5-1/2". 5 year warranty.

470017 (SB-1) **$29.95 F**



Sure Bail Electronic Float Switch
Environmentally safe, contains no mercury. R0HS Compliant (Regulations on Hazardous Substances). Solid state electronic relay switch sealed in urethane within the float. On at 2" of water, off at 1/2". High-impact polypropylene case. Manual operation-simply rotate the external shaft.

470029 (902-2000) **$48.95 F**



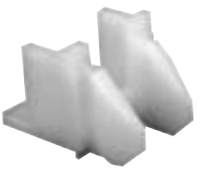
Rule SuperSwitch™ Float Switch
Now backed by a 5 year warranty, the non-mercury SuperSwitch is designed for the toughest applications. Design includes marine grade 14 gauge "blocked wire", larger float for increased buoyancy, removable base for easy servicing and a snap switch design capable of handling pumps drawing up to 20 Amps. Dimensions: 5" x 2" x 2".

582660 (37A) **$46.95 F**



Rule Rule-A-Matic®
Non-Mercury Float Switches
Includes a removable base for easy cleaning and servicing, a mercury free snap switch tested to over one million cycles and marine grade "blocked" wire. Designed for pumps drawing up to 14 Amps. Dimensions: 4-1/2" x 1-1/2" x 2". 2 year warranty.

582646 (35A) Without Fuse Holder **$36.95 F**
582658 (35FA) With Fuse Holder **$37.95 F**



Rule Switch Adapter
Adapter to attach Rule Superswitch or Rule-A-Matic to Rule 1,500, 2,000 or 5-Year Bilge Pumps.

582800 (65) **$1.95 H**



Rule Switch Adapter
Adapter to attach Rule Superswitch to Rule 3,700 or 4,000 GPH Bilge Pumps.

582797 (64) **$1.95 H**

Groco AS-100 Bilge Pump Switch



GROCO®

Groco AS-100 Bilge Pump Switch

AS-100 Bilge pump switch turns bilge pump off and on by sensing changes in pressure (caused by rising or falling bilge water level) in its air tube. Approximate levels are "ON" at 2-3/4" of bilge level and "OFF" at 1". Use with a pump that draws up to 10 amps continuous or up to 20 amps intermittent.

373102 (AS-100) **$79.95 E**

Mayfair Automatic Float Switch

Note: Recommended for use on all boats with sleeping accommodations.



mayfair marine

Mayfair Automatic Float Switch

Makes any electric bilge pump operate automatically. Tough resin housing withstands fuel, shock, corrosives and detergents. The anti-spike feature eliminates unnecessary cycling in rough water. The pump is turned on by a rolling steel ball that changes pressure on the micro switch. Absolutely no mercury. Rated for 6 - 32V DC pumps. 15 amps. Length 4-1/2". Width 3". Height 2-1/2".

470055 (2601-2) **$12.95 F**

Attwood Automatic Float Switches

attwood®





Attwood Automatic Float Switches

Converts any bilge pump that draws 10 amps or less to fully automatic operation. Compact, low profile design. Mounts on any surface from horizontal up to a 24° angle. Switch actuates pump motor at 2" water level. Integral cover dampens bilge sloshing to reduce pump cycling and prevents debris interference. Completely isolated & sealed to resist moisture, fume-ignition & electrical shock. Contains no harmful mercury or flexing wires.

236162 (4202-7)		Dimensions: 1-3/8" H x 3-7/8" W x 4-1/4" L	**$25.95 H**
236174 (4201-7)	With Cover	Dimensions: 2-7/8" H x 3-7/8" W x 5-1/4" L	**$29.95 H**

Rule Panel Switches



Rule 2-Way Panel Switch
For any manually operated system. Black stainless steel panel. Simple "on" or "off" positions. Dimensions: 2-1/4" x 2". 12/24/32V DC. Sold each per display pack. Standard pack 24.

582759 (49) **$28.95 H**



Rule 3-Way Panel Switch (Standard)
3-way standard model. Controls any pump equipped with an automatic float switch. Toggle has three position: Automatic, off or manual. The "manual" position has a "fail-safe" spring return to "off" so you can't leave your pump running by accident. Black stainless steel panel. Dimensions: 2-1/4" x 2". 12/24/32V DC. Sold each per display pack. Standard pack 24.

582735 (45) **$30.95 H**



Rule 3-Way Panel Lighted Switches (Deluxe)
Controls any pump equipped with an automatic float switch. Toggle has three positions: Automatic, off and manual. The "manual" position has a "fail-safe" spring return to "off". Black stainless steel with red indicator light and fuse. Dimensions: 3-1/4" x 2". Sold each per display pack. Standard pack 24.

582709 (41) 12V DC **$41.95 H**
582711 (42) 24/32V DC **$43.95 H**

Johnson 3-Position Bilge Pump Switch



Johnson 3-Position Bilge Pump Switch
This miniaturized dash switch give you fingertip control of your accessories with a rugged, weather resistant rocker switch plus a red indicator light and a built-in fuse holder for accessory protection.

471362 (82044) **$29.95 F**

Jabsco Light Duty Bilge Pumps



Jabsco Light Duty Bilge Pump

Light duty pumps are inexpensive yet have performance and features of higher priced pumps. Self-priming allows pump to be mounted above bilge and sump areas with only the intake hose in the bilge. Run-dry design. Tough plastic body has ports for 3/4" ID hose. Supplied with pumpgard in-line strainer. 7-1/4" H x 4-1/16" W x 7-5/16" L. 12V DC.

414211 (36960-2000) 4 GPM **$289.95 F**
414350 (46200-0000) Spare In-line Strainer **$17.95 F**



Jabsco Light Duty Bilge Pump

Light duty pumps are inexpensive yet have performance and features of higher priced pumps. Self-priming allows pump to be mounted above bilge and sump areas with only the intake hose in the bilge. Run-dry design. Tough plastic body has ports for 3/4" ID hose. Supplied with pumpgard in-line strainer. 5-3/4" H x 5-1/4" W x 7-1/2" L. 12V DC.

414209(37202-2012) 3.3 GPM **$224.95 F**
414350(46200-0000) Spare In-line Strainer **$17.95 F**

Jabsco Medium and Heavy Duty Bilge Pumps



Jabsco Heavy Duty Bilge Pump

Self-priming so they can be remotely mounted in a high and dry location. Unique run-dry diaphragm design. Belt drive and rubber mounting pads reduce noise and vibration. Long life permanently lubricated ball bearings. Corrosive resistant base assembly. 12V DC.

Inlet and outlet ports for 1" ID hose. Height 10-1/2". Width 8-5/8". Length 9-3/16".

414297 (34600-0000) 10.8 GPM **$606.95 F**

Spare in-line strainer.

414350 (46200-0000) **$17.95 F**



Jabsco Medium and Heavy Duty Bilge Pumps

Self-priming so they can be remotely mounted in a high and dry location. Unique run-dry diaphragm design. Belt drive and rubber mounting pads reduce noise and vibration. Long life permanently lubricated ball bearings. Corrosive resistant base assembly. 12V DC.

Inlet and outlet ports for 3/4" ID hose. Supplied with pumpgard in-line strainer. Height 8-1/2". Width 6-5/8". Length 7-5/8".

414235 (36680-2000) 5.5 GPM **$357.95 F**

Inlet and outlet ports for 3/4" ID hose. Supplied with pumpgard in-line strainer. Height 8-1/4". Width 5-7/8". Length 8-1/4".

414261 (36600-0000) 8 GPM **$419.95 F**

Spare in-line strainer.

414350 (46200-0000) **$17.95 F**

Jabsco PAR-MAX 4 Bilge and Shower Drain Pump



Jabsco PAR-MAX 4 Bilge and Shower Drain Pump

Bilge/Livewell/General Purpose Diaphragm Pump. Run dry without damage. Smooth flow. Four piston, diaphragm pump. Powerful heavy duty motor with thermal overload protection. Snap-in ports. Waterproof coating. Self-priming up to 10 ft. Complete with Pumpgard strainer. 258 GPH open flow output. Connections for 3/4" ID hose. Dimensions: Height 4-1/10". Width 4-1/8". Length 7-1/4". 12V DC.

414817 (31705-0092) **$209.95 F**

Monarch Submersible Bilge Pumps

Total Head in Feet							Shut-Off Head (ft.)
	5'	10'	15'	20'	25	30'	
Capacities in U.S. GPM							
ESP33	44	33	13	0			17.5
ESP50			61	51	36	2	17.5



446216

496213

Monarch Submersible Bilge Pumps

Rugged cast iron motor housing dissipates heat away from rugged corrosion resistant, molded polypropylene pump body. 1/3 HP or 1/2 HP, 115 volt with stainless steel shaft, in "oil free" chamber with thermal overload protection. CSA approved. Impeller: 5 vane reinforced polypropylene, handles 1/2" (1/3 HP) 3/4" (1/2 HP) spherical solids. Seal: Mechanical type in oil filled chamber with ceramic and carbon faces. Discharge: 1-1/2" NPT. Reducer bushing for 1-1/4" discharge included with 1/3 HP model.

496213 (ESP33AV) 1/3 Horsepower with 10' Cord **$215.95 G**
446216 (ESP50AV) 1/2 Horsepower with 20' Cord **$344.95 G**

Monarch Submersible Sewage Pump

Total Head in Feet								Shut-Off Head (ft.)
RPM	5'	10'	15'	20'	25'	30'	35'	
Capacities in U.S. GPM								
1,750	155	120	83	52	14			27



Monarch Submersible Sewage Pump

Motor and pump housing is cast iron class 30. Power cord sealed at motor housing. Impeller is cast iron class 30. Two vanes solids handling non-clog impeller. Seal is mechanical carbon/ceramic type 6, 5/8 rotary. Motor shaft is 416 stainless steel. Oil filled chamber with automatic overload protection, double ball bearing. Capacitor start designed for hi-torque and are thermally protected with automatic reset. Manual. Discharge 2" NPT. 1/2 HP. 115 volts. PH 1.

496225 (WS51M) **$493.95 G**
496218 (MF-10) Float Switch **$30.95 E**

Oil Changers and Oil Changer Kits



marpac THE AFFORDABLE ALTERNATIVE™

NEW ITEM

Marpac Fluid Extractor

Portable fluid extractor empties in 16 pumps or less. Holds 6.5 liters or 6.9 quarts or 1.7 gallons. No power source needed. Warm or cold fluid extraction. Includes extraction tube kit. Larger capacity than competitive models in field.

7-0950 **$69.95 F 3Q**



MOELLER

Moeller Fluid Extractor

Empties oil in 15 pumps or less. No air or electrical power is required. Prevents overflow with internal automatic shut-off.

806832 (033330) **$76.95 E**



Sierra

Sierra Oil Extractor

Large 2.3 gallon capacity not only can extract fluids, but is capable of dispensing too! Simply move the bi-directional valve and this unit will create a vacuum or move the valve the other direction and it creates pressure to dispense the fluid. A built in shut-off valve prevents overfilling. Comes with 5 feet of flexible hose and two rigid dipstick tubes.

185220 (18-5220) **$191.20 H**

SHURflo



Shurflo Oil Change System

Ignition protected. Buna impeller. 5' cable with battery clips. Hose kit included and 3.5 gallon storage container. Flow rate: 3.75 GPM. 12V DC.

353235 (8050-305-426) **$189.95 F**

JABSCO



Jabsco "Porta Quick" Oil Changer

It removes oil and sludge through the dipstick tube making engine oil changes quick and easy without getting under the engine. The oil changer includes: Reversible pump with integral reversing switch, 4' of neoprene hose with 1/4" x 40" Teflon dipstick probe, 8' power cord with alligator clips, 14 quart holding container and female garden hose connector. A retractable pouring spout is also provided if it is not desirable to use the pump for emptying. 12V DC.

415326 (17800-2000) **$232.95 F**

418601 (9200-0023) Replacement Impeller **$39.95 F**

JABSCO



Jabsco DIY Economy Engine Oil Changer

Will Extract up to 50 weight of oil at a temperature of 70° F through the engine's dip stick tube, usually in less than 5 minutes. The oil changer includes: Powerful suction pump with integral on/off switch, 10 quart bucket oil receiver with pouring spout, 7' power leads with alligator clips, 8' oil and heat resistant custion tube. 12V DC.

415338 (17850-0012) **$164.95 F**

JABSCO



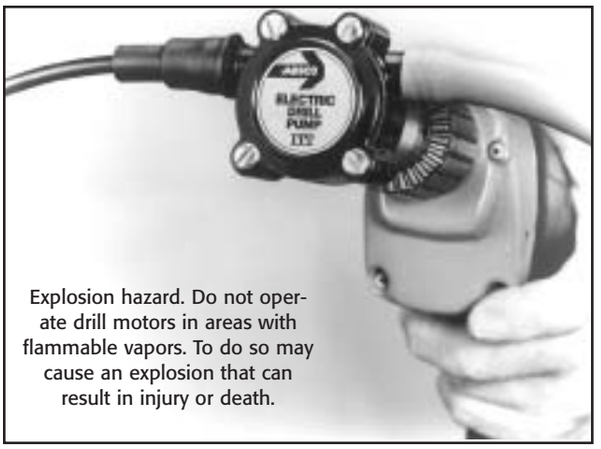
Jabsco Flat Tank Engine Oil Change System

Will extract up to 50 weight of oil at a temperature of 70° F through the engine's dip stick tube, usually in less than 5 minutes. The oil changer includes: Powerful suction pump with integral power switch, 14 quart holding container, 7' power leads with alligator clips and 8' oil and heat resistant suction tube. 12V DC.

415340 (17860-0012) **$153.95 F**

PUMPS, SANITATION

Jabsco Drill Pump Kit



Jabsco Drill Pump Kit

Includes: 3.5 GPM self-priming drill pump that chucks into standard 1/4" or 3/8" drill, (2) 3/4" garden hose thread port adaptors, 3' of 1/2" hose, probe adaptor and 1/4" x 40" dipstick probe. **Note:** Not for pumping gasoline or flammable liquids.

415275 (17215-0000) Complete Kit **$46.95 F**
415287 (17250-0003) Drill Pump Only **$28.95 F**
415353 (17255-0003) Repl. Impeller/Shaft Assembly **$20.95 F**

Jabsco Oil Drain Hose and Fitting



Note: Not recommended for automobiles with drain plugs exposed to potential road hazard damage.

Jabsco Permanent Oil Drain Hose and Fitting

Includes drain plug fitting, oil drain hose, cap and hose hanger clamp. It is an ideal oil drain kit for use in conjunction with a **415275** (17215-0000) drill pump or **415249** (34060-0010) hand pump. Drain plug fitting size is 1/2" - 20. Sold each per display pack. Standard pack 12.

415299 (18080-0000) **$60.95 F**

Hand Pumps

NEW ITEM



Marpac Universal Hand Pump

Self-priming design, great for pumping oil, water and other fluids. Siphons tank contents for quick and easy removal of large liquid quantities. Small size stores practically anywhere, such as tackle boxes. Not for use with gasoline or diesel.

7-2232 **$18.95 F 3Q**

Note: Explosion hazard. Do not pump gasoline, solvents, thinners or other flammable liquids. To do so can cause an explosion resulting in injury or death.



Jabsco Utility Hand Pumps

Pump more liquid with less effort. They never need coaxing or priming and give full suction on the first stroke. Pumps can be used in any position. Uses include bilge pumping, oil draining, diesel fuel transfer and many other liquid transfer applications. **Note:** Oil temperature should not exceed 140° F. Long life brass cylinders, high quality oil resistant plungers, intake and discharge caps are used. Sold each per display pack. Standard pack 12.

Includes: 2' of 1/2" hose and 40" of 1/2" dipstick probe. Hose size ID: 1/2". 40 strokes per gallon. 1-1/4" diameter cylinder. Stoke length : 4-5/8". Overall length: 10-1/4".

415249 (34060-0010) **$44.95 F 4G**

Includes: 3' of 1/2" hose, (2) 40" of 1/4" dipstick probes, neoprene intake adaptor and tube connector. Hose size ID: 1/2". 40 strokes per gallon. 1-1/4" diameter cylinder. Stoke length : 4-5/8". Overall length: 10-1/4".

415251 (33799-0000) **$66.95 F**

Marine engine oil drain pump with 3/4" female garden hose fitting on suction connection for OMC; and MerCruiser 3/4 NH Threaded Dip-Stick Tube. Includes: 2' of 1/2" hose. Sold each per display pack. Standard pack 12.

415237 (34060-0130) **$47.95 F**

Groco U-Lube Oil Change System



GROCO®

Groco U-Lube Oil Change System

The GHSN is completely uncovered and may be configured with as many valves as you require. Features include a GP-1 Gear pump which delivers an honest 3 GPM, touchpad operation, dry-run protection, and re-settable pump-mounted over-current protection. Base measures 13.50" x 11.50", the overall height is 5.30".

373225 (GHSN-13) **$623.95 E**

Reverso Impeller Reversing Pump



Reverso Impeller Reversing Pump

Reversible. Self-priming. Chrome plated brass head. Built-in switch guard. Fused at the motor. Powerful 12 amp motor. Easily changed impeller. Diesel transfer pump "CE" certified. It utilizes a high-torque 12 amp motor to transfer oil from the engine to a waste container, than pumps fresh oil back into the engine. The powerful impeller transfers hot or cold oil quickly and cleanly, and with a change of impeller the pump can transfer diesel fuel. Dimensions: 9.5" x 4" x 3.75". Draw: 12 amp. 12 volt. Also available in 24 volt and 32 volt.

512233	(OP-6-12)	Reversing Pump	**$288.95 G**
512245	(SRK-360)	Repair Kit - 1 Oil/Water Impeller/Gasket	**$26.95 G**
512257	(360010)	Impeller Nitrile	**$21.95 G**
512269	(360014)	Impeller Chemical Resistant (Diesel)	**$28.95 G**
512271	(97360-2)	Repair Kit - 2 Oil/Water Impeller/Gasket	**$43.95 G**
512283	(97361-2)	Rebuild Kit - 2 Oil/Water Impeller/Gasket/Seal	**$54.95 G**

Reverso Oil Change Systems



Reverso Gear Pump - Commercial Grade Oil Change Systems

Manifold systems utilizing a gear pump with bronze gears and stainless steel shafts. Reversing switch for high speed oil transfer to and from remote containers. Switch guard protection. Easy operation - open valve, flick switch. It services multiple engines, transmissions and generators. Utilizing bronze gears and stainless steel shafts, the GPC-302 system transfers lube oil, diesel fuel, antifreeze or water through full flow valves at a rate up to 3 gallons per minute. 12 volt. Also available in 24 volts.

512295	(GPC-3023-12)	3 Valve System	**$1,177.95 G**
512308	(GPC-3025-12)	5 Valve System	**$1,270.95 G**



Reverso Oil Change System

Utilizes a powerful impeller pump coupled to a 12 amp high-torque motor and nickel-plated full flow valves to transfer hot or cold oil quickly and cleanly. Installation is simple, hoses are run from the engine oil pan fitting directly to the valves. Dimensions: 10.5" x 8.75" x 4.5". 12 amp. 12 volt.

512384 (OP-703-12) 3 Valve System **$769.95 G**

Reverso Commercial Oil Change System



Reverso Commercial Oil Change System

Manifold systems utilizing a gear pump with bronze gears and viton seals. Switch guard protection. High speed oil transfer to and from remote containers. Easy operation - Open valve, flick of a switch! Designed to offer users a more powerful pump than our standard impeller series. Vessels which require longer hose runs and owerns who wish to pump oil up onto the dock can utilizes these systems with confidence. This system is ideal for the sport or commercial fisherman with engines in the 500 to 1,500 HP range. A bronze gear pump with helical gears and viton seals offers users the most powerful oil change systems on the market. The system provide faster oil changes and expanded flexibility on the location of the drain and fill containers. Operation is intuitive in that the flow direction is the same as the switch. Dimensions 14" x 9" x 5". 12 volt.

512358 (GPC-705-24) 5 Valve System **$1,786.95 G**

Reverso Oil Change System



Reverso Oil Change System

Incorporates full flow valves and a powerful reversing motor and pump. This allows the same pump to be used to both fill and drain engines without having to disconnect fittings. Designed for boats with oil sumps in excess of 25 gallons per engine the powerful 1/2 HP AC motor handles the largest of engines with ease. The unit quickly empties and fills engines. Oil can be pumped up to the dock or out of drums placed on a dock. Operation is intuitive in that the flow direction is the same as the switch. A circuit breaker is incorporated into the unit for safety. A switch guard protects the unit from accidential engagement. Oil changes become simply a matter of opening a valve and turning on the switch. It features a cast bronze body with helical gears and oversized ports increased flow rate and quiet operation. System designs enables easy removal of all pump components without the need to disconnect the manifold hose connections. 110 volt.

512322 (GP-906-AC) 6 Valve System **$2,996.95 G**

Jabsco Flexible Impeller Pedestal Pumps

For Engine Cooling and General Purpose Pumping. Jabsco pedestal mounts are constructed from marine quality bronze and stainless steel for ruggedness and reliability.. Ideal for engine cooling, washdown, circulation and many general purpose on-board or dockside applications. The shaft is installed with permanently lubricated ball bearings for long life and heavy duty service. Self-priming with the ability to operate in either direction variable speeds. Removable end cover for easy impeller service. Easy to service and maintain. Handles hard and soft solids without clogging. Can pump in either direction. Will not airlock.



Jabsco Flexible Impeller Pedestal Pump
5.8 GPM. Port Type: 3/8" NPT Internal. 1/2" diameter shaft. Lip seal.

417898 (2620-1001) Pump **$243.95 F**
418500 (18673-0001) Neoprene Impeller **$29.95 F**



Jabsco Flexible Impeller Pedestal Pump
11.0 GPM. Port Type: 1/2" NPT. 5/8" diameter shaft. Lip seal.

417902 (1673-1001) Pump **$333.95 F**
418309 (1210-0001) Neoprene Impeller **$28.95 F**



Jabsco Flexible Impeller Pedestal Pumps
62 GPM. Port Type: 1-1/4" NPT Internal. 1" diameter shaft. Carbon-Ceramic face seal.

Features: Full thickness cam, neoprene impeller and standard shaft.

417953 (6400-0004) Pump **$505.95 F**
418435 (836-0001) Neoprene Impeller **$44.95 F**

Features: Half thickness cam, neoprene impeller & short shaft for CAT Engines.

417954 (6400-1051) Pump **$505.95 F**
418435 (836-0001) Neoprene Impeller **$44.95 F**



Jabsco Flexible Impeller Pedestal Pump
23.3 GPM. Port Type: 1" NPT Internal. 5/8" diameter shaft. Mechanical face seal.

417940 (777-9001) Pump **$332.95 F**
418361 (920-0001) Neoprene Impeller **$30.95 F**



Jabsco Flexible Impeller Pedestal Pump
83 GPM. Port Type: 2" NPT Internal. 1" diameter shaft. Carbon-Ceramic face seal.

417976 (18370-0000) Pump **$1,020.95 F**
418457 (17936-0001) Neoprene Impeller **$84.95 F**



Jabsco Flexible Impeller Pedestal Pump
62 GPM. Port Type: 1-1/4" NPT Internal. 1" diameter shaft. Carbon-Ceramic face seal. Features: Full thickness cam, neoprene impeller and standard shaft.

417964 (7420-0004) Pump **$589.95 F**
418435 (836-0001) Neoprene Impeller **$44.95 F**

Jabsco Engine Cooling Pumps



Jabsco Engine Cooling Pumps - Flange Mount

This semi-positive displacement design has superior priming ability, is compact, with simple mechanical characteristics that ensure trouble-free running and long life. Consult Jabsco reference guide for engine model.

Flagship, Palmer, Lehman and Chris Craft Replacement Pump

418093 (5850-0001)	Pump - 3/4" NPT	**$503.95 F**
418309 (1210-0001)	Neoprene Impeller	**$28.95 F**

Detroit Diesel Replacement Pump

423587 (17360-1001)	Pump - 2-1/2"	**$2,125.95 F**
425492 (17370-0001)	Neoprene Impeller	**$202.95 F**



Jabsco Sherwood Type Engine Cooling Pump

Constructed marine quality bronze and stainless steel shaft for ruggedness and reliability. Alterntor mount. Pulley drive - 6-1/2" Full Grip "A" Belt. Bearings: Twin single row, ball type. Carbon-Ceramic Face type.

Replaces Sherwood Model G-5 pump. 1-1/4" port connection.

418078 (18940-0010)	Pump	**$407.95 F**
418599 (11979-0001)	Neoprene Impeller	**$39.95 F**

Replaces Sherwood G-30-2 pump. 1" port connection.

418309 (1210-0001)	Neoprene Impeller	**$28.95 F**



Jabsco MerCruiser Type Engine Cooling Pump

Constructed from marine quality bronze and stainless steel shaft for ruggedness and reliability. One piece body, Bearings: Twin single row, Ball Type. Lip Type. 1-1/4" hose barb. Direct replacement for Quicksilver OEM #46-72774-A32.

418143 (43210-0001)	Pump	**$665.95 F**
418637 (17954-0001)	Impeller OEM #47-59362	**$34.95 F**

Johnson Engine Cooling Pumps





Johnson Engine Cooling Pumps

Bronze body, stainless steel shaft, flexible impeller, flange mounted, vertical ports, OEM pumps. For Volvo Penta V8 engines.

461385 (10-24228-1)	3/4"	F5B-9	**$183.95 F**
462248 (09-1027B)	Impeller		**$24.95 F**
461401 (10-24232-1)	1"	F6B-9	**$205.95 F**
462250 (09-812B)	Impeller		**$33.95 F**
462907 (09-45825)	Service Kit for **461401**		**$86.95 F**



Johnson Engine Cooling Pump

Fits Detroit Diesel Engine Models 671T, 871 and 1271. 2" port connection.

461828 (10-13095-02)	F9B-9		**$1,140.95 F**
462301 (09-814B)	Impeller		**$91.95 F**



Johnson Engine Cooling Pump

Bronze body, flexible impeller, stainless steel shaft, pedestal mounted, universal application, lip seal. 1" IPT capacity 28.3 GPM (F7B-8007).

461513 (10-24572-52)		**$371.95 F**
462034 (09-1028B)	Neoprene Impeller	**$28.95 F**

Johnson Engine Cooling Pump

Refer to the Application Guide on the Nex Page



Johnson Engine Cooling Pump
For Onan, Westerbeke. Port Size: 3/8" NPT. Mounting type: Pedestal.

461944	(10-24569-21)	F35B-8027	**$247.95 F**
462868	(09-45589)	Service Kit	**$32.95 F**
462262	(09-808B)	Impeller	**$17.95 F**

Johnson Accessories for Engine Cooling Pumps

Johnson Impeller for Engine Cooling Pump
For Volvo. AQ31A/B, AD41A/B, AQAD31A, AQD40A, AQD41A, D41A/B, MD31, MD31A, MD40A, TAMD31, TAMD31A, TAMD41, TAMD41A/B, TMD31, TMD31A/B, TMD40A/B/C, TMD41A/B. Port Size: 1". Mounting type: Flange.

462034 (09-1028B) Impeller **$28.95 F**

Johnson Impeller for Engine Cooling Pump
For Volvo. AQ110/115, AQ115A/B, AQ120, AQ120B, AQ125A/B, AQ130, AQ130A/B/C/D, AQ140, AQ60F, BB100, BB115B/C, BB30, MB16A, MB18, MB18F, MB20A/B/C, MD17C/D, MD20B, MD3B. Port Size: 3/8". Mounting type: Flange.

462274 (09-1026B) Impeller **$18.95 F**

Johnson Impeller for Engine Cooling Pump
For Ford engines. Port Size: 3/4" NPT. Mounting type: Flange.

462248 (09-1027B) Impeller **$24.95 F**

Johnson Accessories for Engine Cooling Pump
For F95B engine cooling pump.

462313	(09-820B)	Impeller	**$217.95 F**
463098	(05-06-503)	O-Ring	**$1.95 F**

Johnson Accessories for Engine Cooling Pump
For Apollo Diesel, Next Generation. Port Size: 3/8" NPT. Mounting type: Pedestal.

462868	(09-45589)	Service Kit	**$32.95 F**
462262	(09-808B)	Impeller	**$17.95 F**

Johnson Impeller for Engine Cooling Pump
For F7B-9 (10-24277-3) engine cooling pump.

462034 (09-1028B) Impeller **$28.95 F**

Johnson Impeller for Engine Cooling Pump
For M.A.N. D2540MLE, D2840LXE/LE401, D2849LE403, D2842LE, D2842LE401/02/06/03/08, D2842LYE/LZE, D2848LE/LXE/LE401/403. Port Size: 2" Flanged. Mounting type: Flange.

462298 (09-802B) Impeller **$69.95 F**

Johnson Electro-Magnetic Clutch Assembly
Fits F7B-5, F8B-5 and F9B-5 clutch pumps. Double A pulley. 12 volts.

462995 (05-32-1) **$206.95 F**

Johnson Pump Application Guide

Johnson Pump Model Number	Engine Application where Applicable	Port Size	Mounting Type	Serivce Kit	Impeller	End Cover	Wearplate	Cam
F5B-9 (461385) 10-24228-1 (10950-240)	Volvo 431A, 500A/B, 501A, 570A, 571A, AQ180 AQ200, AQ200B/C/D/F, AQ205A, AQ211A AQ225, AQ231A/B, AQ260, AQ255B, AQ260A, AQ271A/B/C/D, AQ280A, AQ290A	3/4"	Flange	09-45808	(462248) 09-1027B (1210-0001)	(462604) 01-45312-1	–	(462755) 05-04-174
F35B-9 10-35-157-3 (29300-2101c)	Volvo MB10A/11, MD1, MD11C/D, MD1A/1B, MD1KHD/HY, MD2, MD2B, MDHBY MD5B/C, MD6A, MD7A/B	3/8"	Flange	09-45589	09-808B	01-43239 (29305-0000)	01-45087 (29306-0000)	01-42679 (ALB)
F7B-9 10-24277-3	Volvo AD31A/B, AD41A/B, AQAD31A, AQD40A, AQD41A, D41A/B, MD31, MD31A, MD40A, TAMD31, TAMD31A, TAMD41, TAMD41A/B, TMD31, TMD31A/B, TMD40A/B/C, TMD41A/B	1"	Flange	09-45592	(462034) 09-1028B (17937-0001)	01-42441 (3993)	–	01-42679 (934)
F4B-9 10-35098-3	Volvo AQ110/115, AQ115A/B, AQ120, AQ120B, AQ125A/B, AQ130, AQ130A/B/C/D, AQ140, AQ60F, BB100, BB115A/B, BB30, MB16A, MB18, MB18F, MB20A/B/C, MD17C/D, MD20B, MD3B	3/8"	Flange	09-45905	09-1026B (18673-0001)	01-45282 (29475-0000)	–	01-42389 (10818)
F6B-9 (461401) 10-24232-1 (22740-0000)	Indmar Marine Power	3/4"	Flange	09-45825	(462250) 09-812B (13554-0001)	(462604) 01-45312-1	–	(462767) 01-45670
F9B-9 (461804) 10-13096-2	Detroit Diesel 653, 671, 853	1-1/2" Flanged	Flange	09-45579	(462050) 09-819B	01-42422-1 (9336)	01-42423 (2574)	01-42680 (834)
F9B-9 (461828) 10-13095-02	Detroit Diesel 671T, 871, 1271	2" Flanged	Flange	0945582	09-814B (17936-0001)	01-42422-1 (9336)	01-42423 (2574)	01-43137 (6988)
F9B-9 10-24239-2 (22040-0501)	Man D2540MLE, D2840LXE/LE401, D2849LE403, D2842LE, D2842LE401/02/06/03/08, D2842LYE/LZE, D2848LE/LXE/LE401/403	2" Flanged	Flange	09-45581	09-802B (17936-0001)	01-42422-1 (9336)	01-42423 (2574)	01-43137 (6988)
F5B-9 10-24140-5	Ford Engines	3/4" NPT	Flange	09-45583	(462248) 09-1027B (1210-0001)	01-42398 (3992)	01-42399 (7883)	01-42397 (490)
F7B-9 10-24139-5	Ford Engines	1" NPT	Flange	09-45590	(462034) 09-1028B (17937-0001)	01-42441 (3993)	01-42443 (4156)	01-42679 (934)
F35B-8007 10-35038-4 3/8" Shaft (2620-1001)	Appollo Diesel, Next Generation	3/8" NPT	Pedestal	09-45589	09-808B	01-43239 (29305-0000)	01-45087 (29306-0000)	01-42415 (29303-0000) (AL8-01)
F35B-8027 10-35038-5 (12mm) metric shaft	Onan, Westerbeke	3/8" NPT	Pedestal	09-45589	09-808B	01-43239 (29305-0000)	01-45087 (29306-0000)	01-42415 (29303-0000) (AL8-01)
F4B-1907 10-24512-3	Multi purpose impeller pump	1/2" NPT 1' Hose	Pedestal	09-46600	09-824P-9	01-42398 (3992)	–	–
F8B-8007**** 10-13021-95 (6400-0004)	Multi purpose impeller pump	1-1/4" NPT	Pedestal	09-45575	(462050) 09-819B	01-42422-1 (9336)	01-42423 (2574)	01-42680 (834)
F7B-8007* (461513) 10-24070-51	Multi purpose impeller pump	1" NPT	Pedestal	09-45592	(462034) 09-1028B (17937-0001)	01-42441 (3993)	–	01-42679 (934)
F7B-5** (461739) 10-24071-17 (11860-0005)	Electric Clutch Pump 12V, 2A Pulley	1" NPT	Pedestal	09-45592	(462034) 09-1028B (17937-0001)	01-42441 (3993)	–	01-42679 (934)
F8B-5*** (461777) 10-13022-33 (50200-2011)	Electric Clutch Pump 12V, 2A Pulley	1-1/4" NPT	Pedestal	09-45575	(462050) 09-819B	01-42422-1 (9336)	01-42423 (2574)	01-42680 (834)

*Replaces Jabsco Model 777-9001
**Replaces Jabsco Model 11860-0005
***Replaces Jabsco Model 11870-0005
****Replaces Jabsco Model 6400-0004

Jabsco Flexible Impeller Clutch Pumps

Clutch pumps combine the unique advantages of the self-priming flexible impeller Jabsco pump and a clutch-drive mechanism to engage or disengage the pump as needed. They are available with either manual or electric clutches for application versatility. Generally they are powered by propulsion engines but may be driven by any adequate source of belt drive power. The clutch will "free wheel" with the source of power until the pump is required. Then, whenever desired, the clutch can be engaged to throw the pump into operation for emergency of general circulation requirements. Constructed with bronze pump bodies and rotary-mechanical face seals. They are equipped with replaceable brass cam and wearplate to prolong serviceability. The removable end cover allows easy impeller replacement without having to remove plumbing or drive belt. They are ideal for bilge pumping, livewell circulation, deck washdown and many commercial or pleasure boat general pumping requirements.



417778



417838

Jabsco Electric Clutch Pumps

The electro-magnetic clutch pumps are equipped with a powerful electric clutch for convenient remote operation. Comes with double "A" belt grooves in a 7" diameter pulley. Carbon/Ceramic Mechanical Type.

23.3 GPM. 1" IPT.

417778	(11860-0005)	Pump - 12V DC	**$659.95 F**
418373	(920-0003)	Nitrile Impeller	**$30.95 F**

62 GPM. 1-1/4" IPT.

417802	(11870-0005)	Pump - 12V DC	**$893.95 F**
417814	(11870-0007)	Pump - 32V DC	**$893.95 F**
418373	(836-0003)	Nitrile Impeller	**$30.95 F**

83 GPM. 2" IPT.

417838	(18330-0000)	Pump - 12V DC	**$1,127.95 F**
418465	(6760-0003)	Nitrile Impeller	**$153.95 F**



417687



417698

Jabsco Manual Clutch Pumps

The manual clutch pumps are equipped with a mechanically activated clutch that is engaged with the flip of a lever on the pump body. Although they require the operator to go to the location of the pump to put it into service, they do provide security of operation in the event of an electrical power failure. The new 51000-Series clutch pumps are capable of operating in either rotational direction. The 6590-0005 must rotate in a clockwise direction looking at the end cover. **417675** and **417687** has a 6" diameter pulley. **417698** has a 7" diameter pulley.

417675	(51080-9013)	26 GPM	1" IPT	Imp. (920-0003) **$682.95 F**
417687	(6590-0005)	62 GPM	1-1/4" IPT	Imp. (836-0003) **$936.95 F**
417698	(51270-9013)	83 GPM	2" IPT	Imp. (6760-0003) **$1,236.95 F**

Johnson Electro-Magnetic Clutch Pumps



461739



461777

Johnson Electro-Magnetic Clutch Pumps

Bronze body. 1" NPT. Lip seal. 12 volt. 28 GPM.

461739	(10-24577-98)	Pump without Clutch Unit	**$567.95 F**
462034	(09-1028B)	Neoprene Impeller	**$28.95 F**

Bronze body. 1-1/4" NPT. Mechanical seal. 12 volt.

461777	(10-13022-95)	Pump with Clutch Unit	**$770.95 F**

Jabsco Flexible Impeller

Donovan #	Impeller #	Drive Material	Type	No. of Blades	Diameter	Width	Shaft Diameter	Insert Material	Remarks
Silhouette A									
	1414-0001	Neoprene	4	6	1-1/4"	15/32"	5/16"	BR	
415364	1414-0003	Nitrile	4	6	1-1/4"	15/32"	5/16"	BR	
	12104-0001	Neoprene	2	6	1-1/4"	15/32"	5/16"	BR	Onan (Use 6-32 x 5/8 Hdl's Screw)
	21414-0001	Neoprene	4	6	1-1/4"	15/32"	5/16"	BR	
Silhouette B									
418233	14750-0001	Neoprene	4	8	1-1/4"	15/32"	5/16"	BR	
418246	14750-0003	Nitrile	4	8	1-1/4"	15/32"	5/16"	BR	
Silhouette C									
	14609-0001	Neoprene	4	6	1-1/4"	15/32"	5/16"	BR	
	14609-0003	Nitrile	4	6	1-1/4"	15/32"	5/16"	BR	
	14787-0001	Neoprene	4	6	1-1/4"	15/32"	5/16"	PL	Was SS Insert
	14787-0003	Nitrile	4	6	1-1/4"	15/32"	5/16"	PL	Was SS Insert
Silhouette D									
418497	4528-0001	Neoprene	1 or 2	6	1-9/16"	3/4"	3/8"	BR	Was AL -24
	4528-0003	Nitrile	1 or 2	6	1-9/16"	3/4"	3/8"	BR	Was AL -24 - 37
415353	17255-0003	Nitrile	–	6	1-9/16"	3/4"	1/4"	None	Impeller Molded on Shaft
	22405-0001	Neoprene	1	6	1-9/16"	3/4"	15/32"	BR	
Silhouette F									
	9200-0001	Neoprene	4	10	1-19/32"	3/4"	5/16"	PL	Was Brass Insert
	9200-0003	Nitrile	4	10	1-19/32"	3/4"	5/16"	PL	Was Brass Insert
	9200-0021	Neoprene	4	10	1-19/32"	3/4"	5/16"	BR	
	9200-0023	Nitrile	4	10	1-19/32"	3/4"	5/16"	BR	
Silhouette G									
	653-0001*	Neoprene	1	6	2"	7/8"	15/32"	BR	
	673-0001*	Neoprene	1 or 2	6	2"	7/8"	1/2"	BR	
	673-0003*†	Nitrile	1 or 2	6	2"	7/8"	1/2"	BR	
	4527-0001	Neoprene	2	6	2"	7/8"	5/16"	None	Was B-12
	4527-0003	Nitrile	2	6	2"	7/8"	5/16"	None	Was B-12
	5616-0001	Neoprene	6	6	2"	7/8"	1/2"	BR	Brass Extended Drive Cup
	5616-0003	Nitrile	6	6	2"	7/8"	1/2"	BR	
418524	7273-0001	Neoprene	4	6	2"	7/8"	5/16"	PL	
418536	7273-0003	Nitrile	4	6	2"	7/8"	5/16"	PL	
	22799-0001	Neoprene	3	6	2"	7/8"	1/2"	BR	
Silhouette H									
418284	6303-0001	Neoprene	4	6	2"	7/8"	5/16"	PL	
418295	6303-0003	Nitrile	4	6	2"	7/8"	5/16"	PL	
	17486-0001	Neoprene	6	6	2"	7/8"	1/2"	BR	Brass Extended Drive Cup
Silhouette I									
	18653-0001*	Neoprene	1	10	2"	7/8"	15/32"	BR	Johnson 810 B
418500	18673-0001*	Neoprene	1 or 2	10	2"	7/8"	1/2"	BR	
	18673-0003*	Nitrile	1 or 2	10	2"	7/8"	1/2"	BR	
Silhouette K									
418309	1210-0001	Neoprene	7	12	2-1/4"	1-1/4"	5/8"	BR	
418311	1210-0003	Nitrile	7	12	2-1/4"	1-1/4"	5/8"	BR	
	4568-0001	Neoprene	3	12	2-1/4"	1-1/4"	5/8"	BR	Replaces C-12
418335	5929-0001	Neoprene	6	12	2-1/4"	1-1/4"	1/2"	BR	SS Extended Drive Cup
418347	5929-0003	Nitrile	6	12	2-1/4"	1-1/4"	1/2"	BR	SS Extended Drive Cup
	13554-0001	Neoprene	7	12	2-1/4"	1-29/32"	5/8"	BR	Johnson 812 B
	14281-0001	Neoprene	5	12	2-1/4"	1-1/4"	5/8"	PL	
	22120-0001	Neoprene	7	12	2-1/4"	2"	5/8"	BR	Volvo V-8
Silhouette L									
418562	3085-0001	Neoprene	7	10	1/2"	1-1/4"	5/8"	BR	
	18815-0005	Neoprene	6	10	1/2"	1-1/4"	1/2"	BR	SS Extended Drive Cup (Sanitary)

*653-Series impellers are not interchangeable with 673-Series and 18653-Series impellers are not interchangeable with 18673-Series. The shaft diameters are different.
†673-Series impellers may be replaced with the newer 18673-Series.

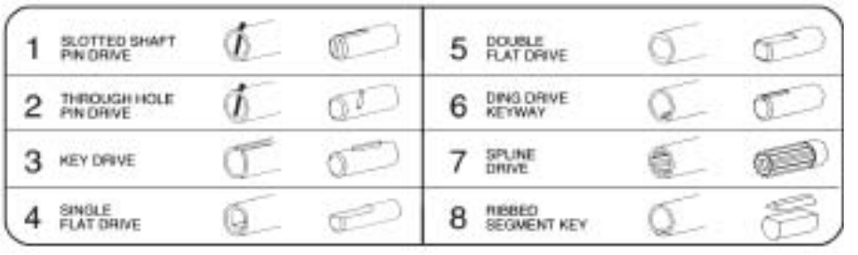
PUMPS, SANITATION

Jabsco Flexible Impeller

Donovan #	Impeller #	Drive Material	Type	No. of Blades	Diameter	Width	Shaft Diameter	Insert Material	Remarks
Silhouette M									
418361	920-0001	Neoprene	7	8	2-9/16"	2"	5/8"	BR	
418373	920-0003	Nitrile	7	8	2-9/16"	2"	5/8"	BR	
	920-0008†	Natl. Rub.	7	8	2-9/16"	2"	5/8"	BR†	For Low Temp. to 27° F - Max. 120° F
	4598-0001	Neoprene	3	8	2-9/16"	2"	5/8"	BR	Was D-12
418574	4598-0003	Nitrile	3	8	2-9/16"	2"	5/8"	BR	Was D-12-37
418412	6056-0003	Nitrile	6	8	2-9/16"	2"	5/8"	BR	SS Extended Drive Cup
418599	11979-0001	Neoprene	7	8	2-9/16"	1-7/16"	5/8"	BR	
	17018-0001	Neoprene	7	8	2-9/16"	3"	5/8"	BR	
Silhouette O									
418435	836-0001	Neoprene	7	9	3-3/4"	2-1/2"	1"	BR	
418448	836-0003	Nitrile	7	9	3-3/4"	2-1/2"	1"	BR	
	836-0008†	Natl. Rub.	7	9	3-3/4"	2-1/2"	1"	BR†	
	6760-0001	Neoprene	7	9	3-3/4"	3-1/2"	1"	BR	
418465	6760-0003	Nitrile	7	9	3-3/4"	3-1/2"	1"	BR	
	6760-0008†	Natl. Rub.	7	9	3-3/4"	3-1/2"	1"	BR†	
Silhouette Q									
425492	17370-0001	Neoprene	5	12	3-3/4"	3-1/2"	1"	PL	
418424	17935-0001	Neoprene	7	12	3-3/4"	3-1/2"	1"	BR	Alternative to 836-0001
418457	17936-0001*	Neoprene	7	12	3-3/4"	3-1/2"	1"	BR	Alternative to 6760-0001
	21676-0003	Neoprene	7	12	3-3/4"	3-1/2"	1"	BR	U.K. Equivalent to 17936-0001
Silhouette R									
	17240-0001	Neoprene	7	9	4-5/8"	3-1/2"	1"	BR	
	18786-0001	Neoprene	5	9	4-5/8"	3-1/2"	1"	PL	
	18789-0001	Neoprene	7	9	4-5/8"	3-1/2"	1"	BR	Replaces UK 17240-0001
Silhouette U									
	2999-0001	Neoprene	7	13	5"	4"	1-1/2"	BR	
Silhouette W									
423361	18838-0001	Neoprene	3	12	2-7/16"	1-1/4"	5/8"	BR	Replaces Sherwood 9959 Impeller
Silhouette X									
418664	18948-0001	Neoprene	3	12	2-9/16"	1-5/8"	5/8"	BR	Replaces Sherwood 10615 Imp.
Silhouette Y									
418359	17937-0001	Neoprene	7	10	2-9/16"	2"	5/8"	BR	Replaces 920-0001
	17937-0003	Nitrile	7	10	2-9/16"	2"	5/8"	BR	
418637	17954-0001	Neoprene	4	10	2-9/16"	2"	3/4"	BR	MerCruiser Replacement
418384	17956-0001	Neoprene	6	10	2-9/16"	2"	5/8"	BR	SS Drive Cup, Replaces 6056-0001
	18327-0001	Neoprene	3	10	2-9/16"	2"	5/8"	BR	Replaces Sherwood 15000 Impeller
Silhouette Z									
415186	30919-0001	Neoprene	5	12	3-1/16"	3"		BR	
Silhouette CC									
	31130-0061	Neoprene	7	10	2-19/32"	2-11/16"	5/8"	R	MerCruiser Replacement (HINO) (Replaces Quicksilver 47-831311350)
Silhouette GG									
418613	18958-0001	Neoprene	3	12	3-1/4"	2-57/64"	25/32"	BR	Replaces Sherwood 17000 Impeller

† = For Low Temp. to 27° F Max. 120° F
* = The 17936-0001 Impeller may be used to replace an English Model 21676-0001.

Drive Type



PUMPS, SANITATION

Jabsco Number to Donovan Number Cross Reference

Jabaco #	DMI #	Description
02090104	352524	PRESSURE SWITCH/4405
02090118	352500	PRESSURE SWITCH/4325
02840100A	352726	HIGH VOLUME WATER SYSTEM
04105501A	352574	PUMP GENERAL PURPOSE 12V
04325143L	352714	WASHDOWN PUMP KIT 12V
04405143A	352702	12V WATER PRESS PUMP
04405443A	352738	32V WATER PRESS PUMP 1/2
11810-0003	417459	AC MOTOR PUMP 9.5 GPM
11830-0000	418702	END COVER 3/8"
11831-0000	418725	END COVER 1"
11836-0000	418715	END COVER 1/2"
11860-0005	417778	CLUTCH PUMP 12V 1"
11870-0005	417802	CLUTCH PUMP 12V 1-1/4"
11870-0007	417814	CLUTCH PUMP 32V 1-1/4"
11979-0001-P	418599	IMPELLER
12062-0000	418738	END COVER 1-1/4" - 2"
1210-0001-P	418309	IMPELLER
1210-0003-P	418311	IMPELLER
12210-0003	417407	AC MOTOR PUMP 3.4 GPM
1414-0003	415364	OIL CHANGER IMPELLER
14750-0001-P	418233	IMPELLER
14750-0003-P	418246	IMPELLER
14780-0001	413601	QUARTZ FLOODLIGHT
15294-1010	425593	WEAR RING (VORTEX)
15295-1010	425606	SHAFT (VORTEX)
15296-1000	425579	WEAR PLATE KIT (VORTEX)
15297-1010	425581	CAM WEAR KIT (VORTEX)
15780-0000	418120	CUMMINS VORTEX PUMP
16731001	417902	1/2" ENGINE PUMP 11.3 GPM
17215-0000	415275	DRILL PUMP KIT
17250-0003	415287	DRILL PUMP
17255-0003	415353	DRILL PUMP IMPELLER
17360-1001	423587	2" G.M. REPLACEMENT PUMP
17365-1000	425517	GASKET END COVER
17366-1000	425668	SHAFT
17370-0001-P	425492	IMPELLER
17372-1000	425531	WEAR PLATE
17374-1000	425529	CAM LINER
17378-1000	425505	END COVER
17800-2000	415326	OIL CHANGER UNIT
17850-1012	415338	DIY OIL CHANGER
17860-0012	415340	OIL CHANGER FLAT TANK
17890-0000	415302	OIL ABSORBER PAD
17935-0001-P	418424	IMPELLER
17936-0001-P	418457	IMPELLER
17937-0001-P	418359	IMPELLER
17954-0001-P	418637	47-59362 MERC IMPELLER
17956-0001-P	418384	IMPELLER
18080-0000	415299	DRAIN KIT
18330-0000	417838	CLUTCH PUMP 12V 2"
18370-0000	417976	ENGINE PUMP 83 GPM
18590-2092	415154	MACERATOR 12V RUNDRY
18598-1000	415162	MACERATOR SERVICE KIT
18610-0003	417422	AC PUMP 5.8 GPM
18660-0121	417217	12V WATER PUPPY 6.3 GPM
18670-0123	417243	12VHD WATER PUPPY 7.8 GPM
18670-0943	417250	24V HD WATER PUPPY
18673-0001-P	418500	IMPELLER
18680-1000	417053	12V PUMP 5 GPM
18685-0000	414463	115V FUEL TRANSFER PUMP
18690-0000	415174	HD MACERATOR 110V
18713-0000	416380	RETAINER RING 1" 3 PACK
18721-0000	425567	RETAINING RING/SEAL
18753-0178	413067	BULB FOR 135SL LIGHT
18753-0336	413079	BULB FOR 255SL LIGHT
18753-0455	413081	BULB FOR 146SL LIGHT
18753-0525	425911	SHAFT
18753-0528	413093	BULB FOR 155SL LITE
18770-0003	418106	CUMMINS K19 125GPM 2 HOL
18784-2000	425860	END COVER
18785-0000	425858	LINER/O RING
18786-0001-P	418625	IMPELLER KIT
18787-0000	425872	WEAR PLATE
18789-0001-P	425834	IMPELLER
18810-0000	414641	PRESSURE TANK
18838-0001-P	423361	SHERWOOD IMPELLER
18940-0010	418078	1-1/4" SHERWOOD PUMP
18948-0001-P	418664	10615 SHERWOOD IMPELLER
18958-0001-P	418613	IMPELLER
20R-35A	582030	PUMP/SWITCH COMBO
22350000	416467	WEAR PLATE
2574-0000	416594	WEAR PLATE
2620-1101	417898	3/8" ENGINE PUMP 5.8 GPM
29045-0000	414920	TOILET SRV KIT PRE '97
29045-2000	414932	TOILET SERVICE KIT AFT 1997
29090-2000	414906	COMPACT MANUAL TOILET
30002-0000	416215	VALVE KIT
30016-0000	416288	DIAPHRAGM KIT
30021-0000	416176	BELT KIT
30022-0000	416188	BELT KIT
30124-0000	416026	SERVICE KIT
30200-0000	416138	12V D.C. MOTOR KIT
30573-0003	414627	ACCUMULATOR
3085-0001-P	418562	IMPELLER
30919-0001-P	415186	IMPELLER
31395-0092	414603	PARMAX PRESS PUMP 2.9GPM
31700-0092	414805	WASH DOWN PUMP 12V
31705-0092	414817	BILGE/LVWELL PUMP
31777-0000	414590	SMOOTH FLOW PUMP CONTROL
3181-0000	416912	SLINGER/1-1/4"
31900-0000	414829	SPORT FISH COMBO PACK
32600-0092	414487	PARMAX PUMP 3.5 GPM 12V
32755-0000	414576	S/MAX PUMP 4.5 GPM 12-24V
32900-0092	414780	WASHDN KIT 4.0GPM W/HOSE
3298-0000	416998	GASKET
33799-0000	415251	PUMP
340	415314	OIL ABSORBR BILGE PILLOW
34060-0010	415249	PUMP
34060-0130	415237	PUMP-HAND OIL DRAIN
34344-0000	414689	CHECK VALVE
34600-0000	414297	BILGE PUMP 12V 10.8 GPM
34633-0000	413839	RING RETAINING
34739-0010	413928	150 CFM FLNG BLOWER 12V
34744-0000	413904	BLOWER 115V AC
35115-0020	413916	105 CFM FLNG BLOWER 12V
35400-0000	413966	250 CFM FLNG BLOWER 12V
35515-0010	414019	105 CFM FLEX BLOWER 12V
36200-0000	414350	PUMPGUARD 3/4"
36400-0000	414754	PUMPGUARD 1/2"
36600-0000	414261	BILGE PUMP 12V 8 GPM
36680-2000	414235	BILGE PUMP 12V 5.5 GPM
36740-0000	414021	150 CFM FLEX BLOWER 12V
36800-1000	414526	WATER PRESSURE SYSTEM 12V
36950-2000	414499	WATER PRESSURE SYSTEM 12V
36960-2000	414211	BILGE PUMP 12V 4 GPM
37010-0090	414956	TOILET COMPACT 12V

Jabsco Number to Donovan Number Cross Reference

Jabaco #	DMI #	Description
37010-0092	415085	12V TOILET CONV KIT
37010-1090	414970	HOUSEHOLD 12V HEAD
37040-0000	415011	SERVICE KIT FOR 37010
37041-0010	415023	REPLACEMENT PUMP ASSY
37064-0000	415035	REPLACEMENT 12V MOTOR
37121-0010	425721	PRESSURE SWITCH
37169-0000	425733	SMALL PULLEY KIT
37202-2012	414209	BILGE PUMP 12V
4009-0000	425644	FLANGE GASKET
405C	518874	LW PUMP 1000 GPH ANG
4156-0000	423119	WEAR PLATE/1"
4156-0010	423121	WEAR PLATE
42510-0000	414398	PLASTIC WATER PUMP
42530-0000	414401	COMB PUMP/FAUCET
43210-0001	418143	MERCRUISER COOLING PUMP
43670-0003	413245	MAIN CONTROL
43670-0004	413257	SECONDARY CONTROL KIT
43990-0014	413269	15' WIRING CABLE ASSY
44411-0045	414716	INLINE WTR PRS RGLTR 3/4"
44412-1045	414704	FLSH WTR PRES RGLTR 1/2"
4528-0001-P	418497	IMPELLER
45490-1000	415201	Y VALVE
45900-0000	413500	FLOODLIGHT 4X6 12V/72656
45900-1000	413512	FLOODLIGHT 3X5 12V/73620
45903-0000	413550	4X6 12V BULB
45903-0002	413562	3X5 12V BULB
4598-0003-P	418574	IMPELLER
4732-0000	425682	VAC-SWITCH
490-0001	423195	BRASS CAM
50070-0200	418221	IMPELLER PULLER
50840-0012	417027	PUMP CNTRFGL SS 3/4" NPT
50890-1000	415136	PUMP WASTE EVACUATION
50900-1000	414831	PUMP FISH BOX EVACUATION
51080-9013	417675	CLUTCH PUMP 1"
51270-9013	417698	CLUTCH PUMP 2"
52900-0092	414792	PARMX WASHDOWN 7.0 GPM
58020-1012	414982	TOILET DELUXE FLUSH 12V
5850-0001	418093	OEM COOLING PUMP
5929-0001-P	418335	IMPELLER
5929-0003-P	418347	IMPELLER
60010-2012	412647	SEARCHLIGHT 12V 255SL
60020-0000	412609	SEARCHLIGHT 12V 135SL
60030-0000	413395	DUAL STATN CNTROL/60020
60080-0012	412623	SEARCHLGHT 12V 146SL
6050-0003	417507	MOTOR PUMP 26 GPM
6056-0003-P	418412	IMPELLER
6065-0003	417511	PUMP HEAD
61050-0012	412611	SEARCHLIGHT 12V 155SL
63022-0012	412750	SEARCHLIGHT SPT/FLD 6"
6303-0001-P	418284	IMPELLER
6303-0003-P	418295	IMPELLER
63042-0012	412762	SEARCHLIGHT HI INT 6"
6398-0000	423222	SLINGER BAG OF 3
6400-0004	417953	1-1/4" ENG PUMP 62 GPM
6400-1051	417954	1-1/4" ENG PUMP 62 GPM SS
64042-1008	413423	EXTENSION CABLE 25'
64046-0006	413051	SPOT/FLOOD BULB & SEAL
6407-0010	423234	SEAL
6408-0000	423246	SEAL
6590-0005	417687	MAN CLUTCH PUMP 1-1/4"
67262-0000	413043	12V 7" BULB
6760-0003-P	418465	IMPELLER
6988-0000	423272	CAM
7273-0001-P	418524	IMPELLER
7273-0003-P	418536	IMPELLER
7420-0004	417964	ENGINE PUMP 1-1/4" 62 GPM
777-9001	417940	ENGINE PUMP 1" 26 GPM
7867-0000	423296	BRASS CAM PUMP
7869-0000	423309	CAM/PLATE ASSEMBLY
7884-0000	423323	CAM/WEAR PLATE ASSEMBLY
816-0000	418888	EC GASKET 1-1/4" - 2"
817-0000	423335	BEARING SEAL/1-1/4
818-0000	423347	SEAL
824-0020	423359	SS SHAFT
834-0001	423373	BRASS CAM 1-1/4
836-0001-P	418435	IMPELLER
836-0003-P	418448	NITRILE IMPELLER
890-0000	418878	EC GASKET 1"
90058-0003	423688	SERVICE KIT
90071-0001	425810	MINOR SERVICE KIT
90200-0000	416820	SER. KIT FOR 45710 PUMP
90202-0000	425825	MNR SRV KT CUMMINS VORTX
91002-0020	423385	SCREW 3-PK
91003-0010	423397	END COVER SCREW 3-PK
91004-0090	423400	CAM SCREW 3-PK
91005-0040	423412	CVR/CAM SCREW 3-PK
913-0000	423424	INNER BEARING SEAL/1"
914-0000	423436	OUTER BEARING SEAL/1"
91402-0230	425620	KEY
920-0001-P	418361	IMPELLER
9200-0023-P	418601	IMPELLER KIT FOR 17800
920-0003-P	418373	IMPELLER
92300-0030	423664	12V CLUTCH ASSY.
92600-0040	423450	PUMP BEARING 1-1/4"
92600-0060	423462	BEARING
92700-0060	423498	1" LIP SEAL
92700-0080	423501	SEAL
92700-0420	423513	SEAL
92701-0180	416803	SEAL
934-0000	423537	BRASS CAM
96080-0080	423549	FACE SEAL 1"
96080-0371	425555	WATER SEAL
98022-0500	423640	FIELD COIL 12V
99202-0000	425830	MJR SRV KT CUMMINS VORTX

Jabsco Vacuum Switch

Jabsco Vacuum Switch

Especially useful to protect your Flexible Impeller pumps from damage through extended periods of dry running. The Vacuum Switch mounts directly to some Jabsco pumps and cuts power to the motor when there is no fluid in the inlet pipework. Suitable for both DC and AC powered pumps. To be used with electrical motor pump units and electro-magnetic clutch units. Attaches with 1/4" NPT nipple (included).



425682 (4732-0000) **$119.95 F**

Jabsco Centrifugal, Vane and Water Puppy Pumps



Jabsco Cyclone Centrifugal Pump - Stainless Steel

Heavy duty robust stainless steel construction. Virtually silent running. 3,500 hour long life DC motor. Rotatable head 90°. Anti-clog impeller design. NPT and BSP ports available for global markets. Long life mechanical seal. Typical applications would be for circulation applications such as hot water systems, livewell or bait tank installations. 12V DC. 3/4" NPT.

417027 (50840-0012) **$241.95 F**



Jabsco Vane Pumps

Self-priming rotary vane pumps are a positive displacement type design with an off-center eccentric rotor whose vanes slide inward and outward, as they move from the top to the bottom of the bore; this action creates a vacuum to pull liquid into the pump. Diesel fuel transfer and engine oil changing. Intermittent duty - 30 minutes maximum. Port Type: 1/2" NPT Female and 1" Hose Barb.

417053 (18680-1000) 6 GPM 12V DC (Reversible) **$328.95 F**
414463 (18685-0000) 7.9 GPM 115V AC **$547.95 F**





417243

Jabsco Water Puppy - Flexible Impeller Type Pumps

Applications: Bilge pumping, bait tank circulation, livewell aerator and windshield washers. Continuous duty. Self-priming. Low voltage DC motor pump units. Bronze pump heads. Ignition protected. The ports have 1/2" internal pipe thread and 1" external hose barb. Included are two adapters for connecting garden hose. Sold each.

Water Puppy Pump - Non-Reversible

417217 (18660-0121) 12V DC 6.3 GPM @ 10' Head **$187.95 F**

Commercial Duty Water Puppy Pumps - Reversible

417243 (18670-0123) 12V DC 7.8 GPM @ 10' Head **$278.95 F**
417250 (18670-0243) 24V DC 7.8 GPM @ 10' Head **$291.95 F**

Replacement Impellers

418284 (6303-0001) Neoprene Impeller 6 Blades **$22.95 F**
418295 (6303-0003) Nitrile Impeller 6 Blades **$22.95 F**

Johnson Pump Heavy Duty Multi Purpose Flexible Impeller Pump

Johnson Pump Heavy Duty Multi Purpose Flexible Impeller Pump

Offers a high level of flexibility making them ideally suited as bilge, deckwash, oil or diesel transfer pumps and various other dutys. Ignition protected. Nitrile impeller. 5' Head: 12.2 GPM. 10' Head: 11.2 GPM. 20' Head: 9.2 GPM.

461866 (10-24512-03) F4B-19 **$212.95 F**
462286 (09-824B-9) Impeller **$24.95 F**



Groco Flo-Master SP0-60 Series Vane Pumps



375181



375177

GROCO®

Groco Flo-Master SP0-60 Series Vane Pumps

Applications: Oil pumping, diesel fuel pumping, bilge pumping and deckwash. Continuous duty face-type shaft seal. Ignition protected permanent magnet ball bearing motor. Delrin rotor and blades are not affected by exposure to diesel fuel or crankcase oil. Mounts in any position. 7 GPM. Self-priming to 24". Optional reversing switch allows pumping in either direction. Ports are threaded externally for garden hose and internally for 1/2" NPT. 24 and 32 volt available. **Note:** Do not pump gasoline or other explosive liquids.

375181	(SPO-60N-12V) Non-Reversing	12 Volt	**$380.95 H**
375177	(SPO-60R-12V) Reversing	12 Volt	**$552.95 H**

Jabsco Flexible Impeller AC Motor Pumps

Self-priming and portable. Equipped with AC electric motors. These pumps are suitable for almost any circulation or washdown applications. All pump heads are constructed of bronze materials. Exterior threads accept garden hose on all (except 6050 Series). All models have a 6' grounded power cord and oil resistant nitrile impellers.

JABSCO



Jabsco 18610 Series Flexible Impeller AC Motor Pump

A midrange model. Continuous duty. Motor: 1/6 HP. Internal port: 1/2" IPT. Exterior port: 1" hose. 5.8 GPM @ 10' head. 115V AC. Includes adapters.

417422	(18610-0003)		**$598.95 F**
418524	(7273-0001) Impeller Neoprene	6 Blades	**$28.95 F**
418536	(7273-0003) Impeller Nitrile	6 Blades	**$28.95 F**

JABSCO



Jabsco 12210 Series Flexible Impeller AC Motor Pump

Compact. The motor has replaceable brushes for extended life. Intermittent duty. Motor: 1/12 HP. 3/8" Internal pipe thread and Adapters for 3/4" garden hose thread. 3.4 GPM @ 10' head. 115V AC.

417407	(12210-0003)		**$360.95 F**
418233	(14750-0001) Impeller Neoprene	8 Blades	**$28.95 F**
418246	(14750-0003) Impeller Nitrile	8 Blades	**$30.95 F**

JABSCO



Jabsco 6050 Series Flexible Impeller AC Motor Pump

Largest. Will accept the optional **425682** (4732-0000) vacuum switch to automatically shut off the pump and prevent dry running. Continuous duty. Motor: 3/4 HP. Internal port: 1" IPT. 26 GPM @ 10' head. 115/230V AC.

417507	(6050-0003)		**$719.95 F**
418412	(6056-0003) Impeller Nitrile	8 Blades	**$118.95 F**

JABSCO



Jabsco 11810 Series Flexible Impeller AC Motor Pump

A midrange model. It has a replaceable wearplate to extend serviceability when handling abrasive fluids. Will accept the optional **425682** (4732-0000) vacuum switch to automatically shut off the pump and prevent dry running. Continuous duty. Motor: 1/3 HP. 1/2" NPT Internal or 3/4" GHT External. 9.6 GPM @ 10' head. 115V AC.

417459	(11810-0003)		**$700.95 F**
418335	(5929-0001) Impeller Neoprene	12 Blades	**$104.95 F**
418347	(5929-0003) Impeller Nitrile	12 Blades	**$82.95 F**

Ideal Stripper Pump

Ideal Stripper Pump

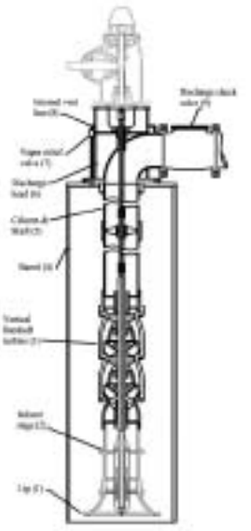
The Ideal Stripper Pump is designed to reduce fluid level in your barge/ship compartment to the lowest possible level. As the fluid level is decreased there is an increased amount of vapor pulled into the pump. The vapor is vented back into the barrel or compartment through the vent line/vapor relief valve (7 - 8). Once the fluid level reaches a preset level an electrical float censor (not shown) shuts off the pump. The check valve (9) will close and the fluid in the discharge head (6) column (5) and the pump (3-2-1) will fall into the barge/ship compartment. The pump will restart automatically should the water level rise above the preset float level (1). This process can be repeated over and over.

Advantages: Very low NPSH inducer stage. Low maintenance. Prevents vapor lock. Compact design. Simple installation. Custom designed to meet customer specific needs. Vertical lineshaft and impeller are the only moving elements.

Drivers: Right angle gear electric motor combination. Seals: Packing box. Cast iron/steel/alloy. Graphic packing. Lantern ring. Throttle bearing. Mechanical seal. Column: Flanged or threaded steel. Stainless steel coatings available. Pump bowls: Available 8" - 36". Various materials. Single/multistage bearings per requirements. Impellers: Enclosed/semi open. Ductile/bronze/stainless. Collets/keyed. Head shaft: Solid or adjustable. Discharge head: Cast iron/steel/stainless steel coatings available. Discharge flange per head requirement. Pump shafting: Various materials. C1045-stainless. Sized per horsepower requirement. Inducer stage: Suction bell sized to keep velocity below 2 ft./sec. Very low NPSH impeller provides for low stripping of fluid being pumped. Barrel: Optional (not shown). Designed for specific application. material steel/stainless. Baffle helps reduce vortex formation.

Special Order Only

Contact your Donovan Sales Rep for more information



Monarch Utility Transfer Pump



Total Head in Feet					
20'	25'	30'	35'	40'	45'
Capacities in U.S. GPM					
45	39	31	24	16	8

Monarch B50S Self Priming Utility Transfer Pump

The Red Lion F50S self priming utility/transfer pump is ideal for a wide variety of general purpose applications such as pumping out flooded basements, livestock watering, flood irrigation and general dewatering. 1/2 HP, 115 volt motor with 8' power cord. Rugged cast iron pump casing. Cast iron impeller. Self priming to 25 feet. 1-1/4" suction and discharge with hose adaptor. Flow rates to 45 gallons per minute.

496202 (B50S) **$615.95 G**
496340 (438101) Impeller **$37.95 A**
496352 (193920) Gasket **$0.95 A**

Monarch Hand Pump

MONARCH INDUSTRIES

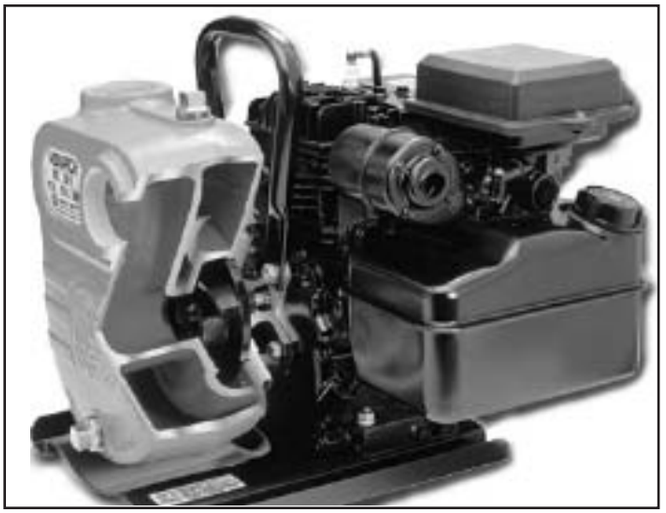


Monarch Rotary Vane Hand Pump with 8' Hose

Sliding brass vanes allow for a pump that is self adjusting for wear. The vanes are spring loaded to keep them in constant contact with the casing. No leather, rubber seals or plates which deteriorate from contact with liquids. 1 gallon per 10 revolutions capacity.

496237 (V110H) **$220.95 G**

Monarch BSDF Series Self Priming Engine Drive Pump



MONARCH INDUSTRIES

Monarch BSDF Series
Self Priming Engine Driven Pump

These self priming engine driven pumps are general purpose pumps designed for liquid transfer and contractor dewatering using a semi open impeller. The impeller is threaded to the engine crankshaft, eliminating the need for a stub shaft. This simplified design gets rid of any chance of failure due to stub shaft misalignment and out of spec machining by eliminating the stub shaft completely. An internationally known Lombardini diesel engine, cast iron; 2" or 3" suction & discharge. Three lare vent openings are designed to ensure all liquid escapes and does not enter the engine in the event of a catastrophic seal failure even when the pump is operating at maximum flow and pressure. 3/4" garden hose size priing and drain plugs. The impeller is 4 vane, semi-open gray cast iron, with "Blind Hole" for engine shaft protection. If lubricating mechanical seal, carbon-ceramic faces, Viton bellows to resist most agricultural chemicals and liquid fertilizers.

496157 (BSDF-10LRF) 5.5 HP Man. St. Diesel 2" Roll Bar **$4,118.95 G**

Monarch BSE and BSEF Series Self Priming Centrifugal Pumps

MONARCH INDUSTRIES



These pumps have a large rugged cast iron casing for fast self priming.

			Total Dynamic Head in Feet						
Model #	RPM	HP	20'	30'	40'	50'	60'	70'	80'
Capacities in U.S. GPM									
BSE-S50	3450	1/2	55	46	32	10	0	-	-
BSE-S75	3450	3/4	65	50	35	10	0	-	-
BSE-S100	3450	1	80	70	60	42	20	-	-
BSE-S150	3450	1-1/2	102	78	55	35	8	0	-
BSE-S200	3450	2	126	103	80	58	32	10	0
BSEF-300	3450	3	138	130	120	100	79	55	25
BSEF-500	3450	5	265	235	205	165	120	75	20
BSEF-750	3450	7-1/2	290	270	245	215	170	120	70

Monarch BSE Series Self Priming Centrifugal Pumps

The BSE Series provides a cast iron impeller and standard buna shaft seal for water pumping.

1/60/115/230V

496095 (BSE-S50) 1/2 HP 1-1/4" NPT Suct./Disch. 41 lbs. **$556.95 G**
496101 (BSE-S75) 3/4 HP 1-1/4" NPT Suct./Disch. 42 lbs. **$567.95 G**
496112 (BSE-S100) 1 HP 1-1/4" NPT Suct./Disch. 46 lbs. **$631.95 G**
496124 (BSE-S150) 1-1/2 HP 2" NPT Suct./Disch. 52 lbs. **$722.95 G**
496135 (BSE-S200) 2 HP 2" NPT Suct./Disch. 60 lbs. **$810.95 G**

208/230/460V

496141 (BSE-300-3) 3 HP - Baldor Motor 2" NPT, 3 Phase 77 lbs. **$1,104.95 G**

Monarch BSEF Series Self Priming Centrifugal Pumps

The BSEF Series features the same cast iron construction, with a viton shaft seal and down sized impeller to handle heavier chemical pumping applications. 3 phase.

3/60/230/460V

496162 (BSEF-300-3) 3 HP 2" NPT Suct./Disch. 77 lbs. **$1,120.95 G**
496174 (BSEF-500-3) 5 HP 3" NPT Suct./Disch. 148 lbs. **$1,600.95 G**
496176 (BSEF-750-3) 7-1/2 HP 3" NPT Suct./Disch. 165 lbs. **$1,684.95 G**

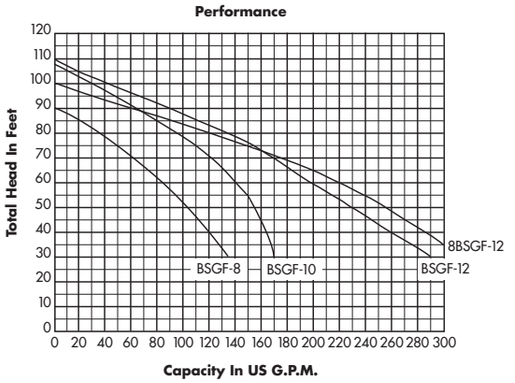
1/60/230V

496161 (BSEF-300-1) 3 HP 2" NPT Suct./Disch. 77 lbs. **$1,143.95 G**

Accessories for Monarch BSE and BSEF Series Self Priming Centrifugal Pumps

496270 (204200) Motor Only for 3 HP BSE/BSEF **$489.95 A**
496364 (438111) Impeller for BSE/BSEF-S100 **$56.95 A**
496376 (438121) Impeller for BSE/BSEF-S150 **$72.95 A**
496388 (438131) Impeller for BSE-S200 **$61.95 A**
496390 (438150) Impeller for BSE-300-3 **$57.95 A**
496415 (193930) Gasket for BSE-S150, BSE-S200, BSE-300-3 **$0.95 A**
496427 (192930) Gasket for BSE-S75, BSE-S100 **$0.95 A**
496439 (438242) Seal Plate for BSE-S150, BSE-S200 **$44.95 A**
496441 (240316) Seal 5/8" Viton, 1-2 HP **$39.95 A**
496453 (240359) Seal 1-1/4" Viton, 3, 5, 7.5 HP **$68.95 A**

Monarch BSGF Series Self Priming Engine Driven Pumps



MONARCH INDUSTRIES



Monarch BSGF Series Self Priming Engine Driven Pumps

Features: Briggs & Stratton Engines. Cast iron casing. 2" suction and discharge. Priming and drain plugs. 3/4" garden hose size. Impeller: 4 vane, semi open, gray cast iron with blind hole for engine shaft protection. Seal: Self lubricating mechanical seal. Carbon ceramic faces, viton bellows to resist chemicals. Base is rugged stamped steel for easy mounting.

496148 (BSGF-8)	3.5 Horsepower	64 lbs.	**$704.95 G**
496150 (BSGF-10)	5 Horsepower	70 lbs.	**$768.95 G**

Monarch Fire Pumps

MONARCH INDUSTRIES



Monarch Fire Pump Systems

The Monarch NSGF Series of self priming engine driven pumps are primarily designed for irrigation and sprayer applications, including ag-chemicals and liquid fertilizers. It is constructed with a rugged self priming cast iron casing, cast iron impeller, Viton and stainless steel mechanical seal and is available with either Briggs & Stratton or Honda engines.

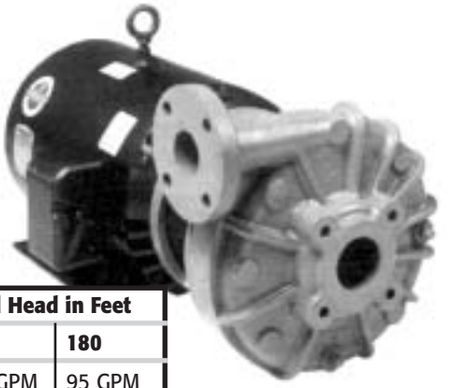
Consist of: NSGF-8 Monarch 8 HP Pump, capable of 85 GPM, 60 PSI, 50' 1-1/2 UL Approved fire hose, and fire nozzle capable of straight stream and spray pattern.

496268	(NSGF-8) 8 HP Gasoline Pump Only	**$1,469.95 D**
496247	Complete Pump System	**$1,558.95 D**

Consist of: NSDF-8 Monarch (9 HP Lombardi Engine) Pump, capable of 85 GPM, 60 PSI, 50' 1-1/2 UL Approved fire hose, and fire nozzle capable of straight stream and spray pattern.

496269	(NSDF-8) 8 HP Diesel Pump Only	**$3,139.95 D**
496248	Complete Pump System	**$3,123.95 D**

See Our Line of Fire Hoses Page 120



DMI #	Total Head in Feet	
	140	180
496244	110 GPM	95 GPM
496245	190 GPM	149 GPM
496256	290 GPM	200 GPM

MONARCH INDUSTRIES

Monarch Fire Pumps

Electric motor driven, end suction centrifugal pumps. All units use open drip proof (ODP) motors. Ports for air bleeding and priming or draining. Seal is Viton with carbon-ni-resist mechanical seal for use in temperatures to 200° F. Casing is ductile iron and features a bronze impeller 3/60/208-230/460V.

496244	(EPE10K0H) 7.5 HP 1-1/2" NPT Suction x 1" NPT Discharge	209 lbs.	**$2,075.95 G**
496245	(EPE12K1H) 10 HP 1-1/2" NPT Suction x 1-1/4" NPT Discharge	215 lbs.	**$2,326.95 G**
496256	(EPE20K2H) 15 HP 3" NPT Suction x 2" NPT Discharge	238 lbs.	**$2,564.95 G**

Monarch Fire Pump System

Consist of: EPE12K1H Monarch 10 HP Fire Pump, 3 PH 208/220/440V capable of 190 GPM, 60 PSI, 140 TDH, 50' 1-1/2 UL Approved fire hose, and fire nozzle capable of straight stream and spray pattern.

496246	Fire Pump System	**$2,266.95 D**

PUMPS, SANITATION

Washdown Pumps



Marpac Washdown Pump - 5.0 GPM

Five chamber diaphragm pump that provides 70 psi of pressure. Quiet, efficient and compact. Comes with snap in ports for a variety of hose configurations. Delivers 5.0 GPM. 12 volt.

7-0440 5.0 GPM **$145.95 F 3Q**



Marpac Washdown Pump - 3.5 GPM

Automatic high performance pump for deck and anchor washdown. Self-priming. Automatic pump shut-off feature when hose nozzle is in off position. For fresh or salt water use. May also be used for full flow bait tank circulation. Includes plug-in ports for easy installation: (2) 3/4" hose barb ports and (2) garden hose ports. Delivers 3.5 GPM. Ideal for cleaning pleasure boats, fish boxes, scaling stations, anchor chains and dinghies.

7-0900 3.5 GPM **$109.95 F 3Q**



Marpac Washdown Pump Kit

Delivers superior performance while providing up to 4.5 GPM. Features an integrated 40 PSI pressure switch that automatically turns. pump on and off when the nozzle is opened and closed. Salt water tough, high-powered pump has a stainless steel impeller plate for longevity. Quiet operation from the permanent magnet drive, while using little power. Easy slide connections include 3/4" ID hose barbs in threaded, straight and in 90° to make rigging simpler. Inlet debris strainer included for smooth flowing, problem free pumping. 100% tested, with dry run protection. Heavy duty 12 volt motor.

7-0443 **$142.95 F**



Rule General Purpose Pump

It is designed for use as a washdown pump and/or to circulate water to your livewell tank. Heavy duty construction for use on commercial or pleasure boats. 1-1/2" inlet and 1-1/2" discharge outlet. Must be mounted below the waterline. It does not deliver high pressure, nor is it self-priming. Dimensions: 5-1/4" H x 8-1/2" W. 3,800 GPH. 12V DC.

582611 (17A) **$219.95 F**



Shurflo Blaster Washdown Pump

Features a sealed switch and heavy duty construction for tough washdown applications, such as fish boxes, scaling, and anchor chain cleaning areas. Each comes complete with a non-corrosive heavy duty hose spray nozzle. Pumps at 45 psi and 3.5 gallons per minute. Thermally protected, ignition protected. 12 volt.

353118 (3901-2214) **$132.95 F**



Shurflo Pro Blaster Water Pump

The Pro Blaster is perfect for tough washdown applications, such as fish box, scaling, and anchor chain cleaning. These rugged self-priming pumps deliver high lift, can run dry without damage, and won't overheat with extended use. The new SHURcote II seamless motor shell prevents any water splashing through to the motor. Pumps are ignition protected and switches are sealed against water damage. 4.0 GPM. 10.0 maximum amp. 45 PSI. Thermally protected, ignition protected. 12 volt.

353160 (4901-4282) **$179.95 F**

Washdown Pumps

FLOJET



Flojet General Purpose Pump - Quad II

Self-priming diaphragm pump. Oil resistant elastomers - suitable for diesel transfer. Runs dry without damage to the pump. Intermittent duty. Provides quiet operation and smooth flow. Includes plug-in ports for easy installation: (2) 3/4" hose barb ports and (2) garden hose ports. Also includes a 3/4" inlet strainer. 3.3 GPM. Dimensions: 3.75" H x 6.3" W x 8.2" L. 12V DC.

352574 (4105-501) **$135.95 F**

JABSCO



Jabsco Washdown Pump with Hose Coil

This 4.0 GPM washdown pump provides the boater of small to medium vessels with a cost conscious and size maximized higher pressure pump. New compact 3 chamber design for greater pumping efficiency. Corrosion resistant. Sealed motor. Self-priming up to 6 feet. ISO 8846 MARINE (ignition protection). Supplied with Pumpgard intake strainer, trigger nozzle, port fittings for 3/4" ID hose and 25' of hose coil. Shut-off pressure 4.1 bar. 60 PSI. 4.0 GPM. 12V DC.

414780 (32900-0092) **$147.95 F**

JABSCO



Jabsco Washdown Pump - PAR-MAX 4

High velocity pump for anchor and general deck washdown. Four piston, diaphragm pump. Powerful heavy duty motor with thermal overload protection. Run dry without damage. Smooth flow. Snap-in ports. Pressure switch with rubber boot. Self-priming up to 7.8 feet. Supplied with Pumpgard inlet strainer, trigger nozzle and quick connect snap-in ports for 3/4" ID hose. Shut-off pressure 3.5 bar. 50 PSI. 4.3 GPM. Dimensions: 4.1" H x 4.2" W x 9.8" L. 12V DC.

414805 (31700-0092) **$225.95 F**

Jabsco Sport-Fishing Combo-Pack

JABSCO



Jabsco Sport-Fishing Combo-Pack

Combination pack containing a **414805** (PAR-MAX 4) Washdown pump and Rule Dual-port Livewell pump complete with 15' of hose coil, trigger nozzle and Pumpgard intake strainer.

Washdown pump features: Four piston, diaphragm pump. Powerful heavy duty motor with thermal overload protection. Run dry without damage. Smooth flow. Snap-in ports. Pressure switch with rubber boot. Self-priming up to 7.8 feet. Shut-off pressure 3.5 bar. 50 PSI. 4.3 GPM. Dimensions: 4.1" H x 4.2" W x 9.8" L. 12V DC.

Rule Dual-port livewell pump features: Discharge nozzle can be rotated 360° for optimal installation. Pump housing can rotate 360° to allow positioning of discharge outlet. Quick one hand "push button" motor cartridge removal system. 500 GPH.

414829 (31900-0010) **$229.95 F**

PUMPS, SANITATION

Washdown and Baitwell Systems



Now Includes 7-0423 1/2" x 25' Hose for Larger Capacity Pumping

Marpac Washdown and Baitwell System

Includes: (1) **7-0900** - Washdown Pump, (1) **581858** - Rule 800 Pump and (1) **7-0423** - Coiled Washdown Hose with Nozzle.

7-0434 **$216.95 F 3Q**

GROCO



Groco Deck Wash Kit

Pressurized water on demand for deck wash, anchor wash or both if multiple washdown locations are desired. All necessary hardware is included. Use with BMX-3 manifold if multiple washdown locations are desired. Waterproof pressure switch is standard. Ignition protected ball bearing permanent magnet motor. Suction side & pressure side check valves are included. Saltwater nozzle is included. Self-priming to 24". 7 gallon at 35 PSI. 24 and 32 volt available.

373263 (C-60) 12 volt **$515.95 H**

FLOJET



Flojet Heavy Duty Deck Wash Pump - Quad II

Ideal for cleaning leisure boats, fish boxes, anchor chains and dinghies. Self-priming up to 10 feet. Four chamber positive displacement disphragm pump. Pump able to run dry without damage. Soft, noise absorbing mounts. Corrosion resistant materials. Thermally protected. Pressure switch control. Quick-connect plug-in ports for easy installation. Supplied with strainer and nozzle. Includes plug-in ports for easy installation: (2) 3/4" hose bard ports and (2) garden hose ports. Shut-off pressure 2.8 bar. 40 PSI. 4.5 GPM. Dimensions: 3.75" H x 6.3" W x 9.9" L. 12V DC.

352714 (4325-143L) **$200.95 F**
352500 (02090-118) Pressure Switch Assembly **$34.95 E**

SHURflo



Shurflo Pro Washdown Kit

4.0 GPM, 10 Max. Amps, 12V DC, 45 PSI. Run Dry Capability. Self Priming. SHURcote II Seamless Motor. Sealed Switch. Ignition Protected. Thermally protected. Kit includes: Pro Blaster Pump, 25' coiled hose, nozzle, raw water strainer and fittings.

353172 (4903-4282) **$238.95 F**

SHURflo

NEW ITEM



Shurflo Small Transom Recessed Shower

Ideal for mounting to any horizontal surface. Kit includes: Spray nozzle, hose and necessary hardware for easy installation. ABS plastic. 1/2" NPT. 2-1/4" clearance. 2-1/2" diameter cutout.

353247 (137-0000-WH) **$71.95 F**

Marpac Coiled Washdown Hoses with Nozzle



Marpac Coiled Washdown Hoses with Nozzle

Compatible with today's high capacity pumps. Stainless steel spring. Solid brass fittings. No-kink design. Drinking water safe. Corrosion resistant construction. Quick connect fitting with shut off. Removable quick connect adaptor. 35% more flow at 40 psi.

7-0422 1/2" x 15' Hose with Nozzle **$27.95 F 3Q**
7-0423 1/2" x 25' Hose with Nozzle **$32.95 F 3Q**
7-0425 Hose Nozzle with Quick Fitting **$5.95 F 3Q**



Reinforced Vinyl Garden Hose

4-ply construction. Good burst strength; withstands nozzle shut-off. Lightweight and flexible for easy handling. Full-Flo brass couplings for unrestricted water flow. Kink resistant. Weather and abrasion resistant. 5/8" ID.

646109 (15-58050) Length 50' **$25.95 H**



Marine Space Saver Flat Hose

Space saving flat hose is easy to store. FDA approved liner material for drinking water safety. Quality reinforced vinyl construction. Full-Flo brass couplings for unrestricted water flow. On self-storing, hand-held reel. 5/8" ID.

437704 (11-12050R) Length 50' **$45.95 H**



MPI Marine Washdown Hose

Flexible reinforced PVC that is drinking-water safe. Vinyl-protected, non-corrosive couplings will not mar decks and other surfaces. White with blue stripe. 5/8" ID.

771630 (170-0585) Length 25' **$43.95 L**
771700 (170-0586) Length 50' **$75.95 L**



Gilmour Nylon Hose Repair Accessories

Nylon construction for maximum strength and durability. Patented impact resistant clamp design. Non-corroding high grade stainless steel screws will not strip when tightened. Leakproof, reusable. For rubber or plastic hose. Fits 5/8" or 3/4" hose.

439124 (01F) Female Coupling **$1.95 H**
439148 (01M) Male Coupling **$1.95 H**
439162 (01HM) Hose Mender **$2.95 H**
439174 (01RW) Neoprene Hose Washers, 10 Per Pkg. **$1.95 H**

SHURflo

NEW ITEM



Shurflo Hand Held Sprayer - Chrome Plated ABS

353259 (134-0009-CP) **$38.95 F**

Water Nozzles

GROCO®



Groco Salt Water Pistol-Grip Nozzle

Squeeze for fine spray to stream, release it for instant shut off. Locks in position. Designed and built specifically for continuous use with saltwater. All parts are corrosion-free plastic, except for the internal stainless steel return spring. Sold each per display card. Standard pack 24.

371118 (PGN-50) **$18.95 E**



Marpac Hose Nozzle

Corrosion resistant. Quick connect fitting with shut off.

7-0425 **$5.95 F 3Q**



493186



493185



493182

Gilmour Full Size Polymer Nozzle with Threaded Front

Male hose threaded front for attaching accessories. Polymer valve assembly with fixed nut. Hold-open clip for continuous spraying. Self-adjusting "duck" packing for lifetime leakproof seal. Impact resistant, rustproof, full size, polymer body.

493182 (474) **$3.95 H**

Gilmour Poly Body Select-A-Spray Nozzle

5 position dial with 7 spray patterns: Full action, gentle shower, jet, flood and mist. Hold-open clip for continuous spraying. Rust resistant stainless steel spring. Self-adjusting "duck" packing for lifetime leakproof seal. Durable, rust resistant, high impact poly construction. Poly valve assembly with fixed nut.

493185 (586) **$8.95 H**

Gilmour Insulated Pistol Grip Nozzle w/Threaded Front

Insulated, molded grip for spraying hot or cold water. Heavy duty, full-size, die cast zinc body. Solid brass valve stern with permanent adjusting nut. Male hose threaded front for attaching accessories. Hold-open clip for continuous spraying. Rust resistant staineless steel spring. Self-adjusting lifetime leakproof seal.

439186 (571TFR) **$12.95 H**

Water Inlet and Outlet Fittings



7-0418



7-0419

Marpac Water Inlet and Outlet - Stainless Steel

316 cast stainless steel. 2-3/4" O.D. For use with 1/2" hose.

7-0418 Water Inlet **$30.95 F 3Q**
7-0419 Water Outlet **$26.95 F 3Q**

PERKO®



539429



539444

Perko Fig. 499 Water Inlet Fitting

Chrome plated bronze. Standard female swivel hose connector. Complete with black plastic watertight plug and stainless steel bead chain. For obtaining water under pressure at dockside. Flange OD 2-3/4". Pipe size 1/2". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

539429 (499 DP CHR) **$96.95 H**

Perko Fig. 504 Water Outlet Fitting

Chrome plated bronze. Standard male hose connector. Complete with watertight black plastic cap and stainless steel bead chain. For use with on-board washdown systems. Flange OD 2-3/4". Pipe size 1/2". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

539444 (504 DP CHR) **$73.95 H**

T-H Marine Washdown Fittings

T-H Marine Washdown Fittings

A bulkhead mounted washdown fitting which is easy to install and rustproof. This injection molded plastic fitting is 2-1/4" in diameter and mounts in 1-1/4" hole. It connects to 3/4" ID hose. Black. Sold each per skin pack card. Standard pack 12.

641360 (WDV-1) With Shut-Off Valve **$24.95 H**
641301 (WDV-1CP) With Shut-Off Valve - Chrome Flange **$27.95 H**
772272 (WD-1CP) w/o Shut-Off Valve - Chrome Flange **$23.95 H**







Jabsco Water Pressure Regulators

Protect your boat water system appliances and pump from damaging pressures of unregulated marina water hookups. Reduce high water pressures down to 45 PSI. UV resistant plastic, crack resistant mounting flange. Built-in backflow preventer. Easy cleaning strainer. Permanent flush mount model with 3/4" GHT inlet and 1/2"-14 pipe 90° swivel-elbow outlet and In-line model with 3/4" GHT inlet and 3/4" GHT outlet. White.

414704 (44411-1045) Flush Mount Model **$35.95 F**
414716 (44411-0045) In-line Model **$29.95 F**



Jabsco High Pressure Check Valve

When located at the pump outlet, these high pressure check valves protect your pump from the damaging high pressure of unregulated marina service connections. Also can be located at the water heater inlet to prevent backflow of hot water into cold water system and pump. For 1/2" slip-on hose inlet and outlet.

414689 (34344-0000) **$51.95 F**

Water System Pumps



Johnson Aqua Jet Water Pressure System Pump - 2.9 GPM

The five chamber Aqua Jet WPS provide a reliable heart for small boat and recreationl vehicle water pressure system. Whisper quiet operation. Self-priming. Pressure switch standard. Nylon/Polypropylene, glassfibre reinforced body. 2.9 GPM. Pressure cut off: 41 PSI. Connection for 1/2" ID hose. 12 volt.

470043 (10-13405-103) **$92.95 F**



Marpac Water Pressure System - 5.0 GPM

1/2" ports. (41 PSI) shut off switch. 12 volt.

7-0441 **$168.95 F 3Q**

Flojet Quad DC Water System Pumps - 3.3 GPM

Self-priming disphragm pump. Dry running. Four-piston design delivers higher flow rates. Pressure switch control to run the pump only as needed. Quick-connect plug-in ports for easy installation. Includes an internal bypass to eliminate pulsating flow and switch chatter. Includes plug-in ports for easy installation: 1/2" hose and 1/2" thread. Shut-off pressure 2.5 bar. 35 PSI. 3.3 GPM. Dimensions: 3.75" H x 6.3" W x 8.2" L. **Note:** The built-in bypass valve eliminates the need for an accumulator tank. Do not install in a system with an accumulator tank.

352702 (4405-143) 12V DC **$120.95 F**
352738 (4405-443) 32V DC **$134.95 F**
352524 (02090-104) Pressure Switch **$34.95 E**

2 Year Warranty



Jabsco Water Pressure System Pumps



Jabsco Sensor Max™
VSD 17 Water Pressure System Pump

Four chamber positive displacement diaphragm pump. Variable speed control. Solid state pressure sensor. Nearly silent operation - no cycling. Controls pressure by changing motor speed. Speeds up as demand increases. Self-priming up to 10 feet. Pump able to run dry without damage. No accumulator tank needed. Includes inlet strainer. Connections for 1/2" ID hose or 1/2" Qest threads. Shut-off pressure 2.8 bar. 40 PSI. 4.5 GPM. Dimensions: 6.3" W x 3.75" H x 10.3" L. Operates on 12V DC or 24V DC.

414576 (31755-0000) **$296.95 F**



Jabsco PAR-Max 2.9 Water Pressure System Pump

Smooth flow. Pump able to run dry without damage. Soft noise absorbing mounts. Snap-fit port fittings. Built-in bypass - less pulsation. Reduces need for accumulator tank. Thermal overload protection. Self-priming up to 7.8 feet. Not for continuous duty. Intermittent duty only. Comes with (2) 1/2" threaded and (2) 1/2" hose bards quick disconnect ports. Shut-off pressure 3.4 bar. 50 PSI. 2.9 GPM. Dimensions: 6" W x 4.75" H x 9" L. 12V DC.

414603 (31395-0092) **$102.95 F**



Jabsco PAR-Max 3 Water Pressure System Pump

Four piston, diaphragm pump. Powerful motor with thermal overload protection. Smooth flow. Pump able to run dry without damage. Soft noise absorbing mounts. Snap-fit port fittings. Corrosion resistant materials. Self-priming up to 7.8 feet. Connections for 1/2" ID hose or 1/2" Qest threads. Shut-off pressure 1.8 bar. 25 PSI. 3.5 GPM. Dimensions: 4.19" W x 4.1" H x 7.73" L. 12V DC.

414487 (31600-0092) **$137.95 F**

Shurflo Aqua King™ Water Pumps



Shurflo Aqua King™ Standard Water Pump

Guarantees quiet and smooth performance while providing the ultimate in durability and reliability. Seamless motor shell with front and rear end caps (bells). E coated for corrosion protection. Can operate at 55 PSI which virtually eliminates cycling. Fittings included. Ignition protected. Thermally protected. 3 GPM. 12 volt.

353100 (3901-0216) **$127.95 F**



Shurflo Aqua King™ Premium Water Pump

Guarantees quiet and smooth performance while providing the ultimate in durability and reliability. Designed and built specifically for the harsh marine environment the Aqua King is equipped with a seamless motor shell with front and rear sealed end caps (bells). E coated for corrosion protection. Our new design eliminates cycling. Fittings included. Ignition protected. Thermally protected. 4.0 GPM. 45 PSI. 10.0 maximum amps. 12 volt.

353122 (4901-4212) **$191.95 F**

Shurflo Water System Pumps



Shurflo Extreme Series Smart Sensor™ Water Pump

Designed specifically for cruisers and midsize yachts. Delivering 4.0 GPM and pressure up to 50 PSI, this micro-controller based variable speed pump precisely monitors your system's water pressure and adjusts the motor's speed, eliminating the need for a pressure switch. A superior four-chamber design that incorporates large inlet and out-let passages to maximize water flow and efficiency providing a "Just Like Home" shower and quiet pump operation. Thermally protected. Ignition protected. 9.0 maximum amps. 12 volt.

353134 (4901-0211) **$233.95 F**



Shurflo Extreme Series Smart Sensor™ Water Pump

A micro-processor control based variable speed pump, that silently delivers over 5.0 GPM and pressure up to 60 PSI. Precisely monitors your system's water pressure and adjusts the motor's speed, thus eliminating the need for a pressure switch. Corrosion resistant coated seamless motor shell and o-ring sealed end bells along with the protected electronic package make the Smart SensorTM capable of handling even the harshest marine environments. Quick connect fittings included. Runs dry without damage. Thermally protected. Ignition protected. 10.0 maximum amps. 12 volt.

353146 (5901-0211) **$297.95 F**

Jabsco Multi-Outlet Electric Fresh Water System Pumps



Jabsco Multi-Outlet Electric Fresh Water System Pump

Designed for self contained recreational vehicles and pleasure boats with multiple outlet water systems. Diaphragm design allows dry running. Self-priming up to 4.9 feet. Built-in discharge check valve. Quiet operation. Built-in hydraulic pulsation dampener. Large vibration absorbing pads. Slip-on ports 1/2" or 5/8" ID hose. Shut-off pressure 2.7 bar. 40 PSI. 3 GPM. Dimensions: 8-1/2" H x 6-1/2" W x 7-1/2" L. 12V DC.

414499 (36950-2000) **$312.95 F**
425721 (37121-0010) Pressure Switch **$35.95 F**



Jabsco Multi-Outlet Electric Fresh Water System Pump

Diaphragm design allows dry running. Self-priming up to 4.9 feet. Built-in discharge check valve. Quiet operation. Built-in hydraulic pulsation dampener. Large vibration absorbing pads. Slip-on ports 1/2" or 5/8" ID hose. Shut-off pressure 2.7 bar. 40 PSI. 3.3 GPM. Dimensions: 8-3/8" H x 6-1/2" W x 9-7/8" L. 12V DC.

414526 (36800-2000) **$456.95 F**
425721 (37121-0010) Pressure Switch **$35.95 F**

Jabsco Multi-Outlet Electric Fresh Water System Pump

Diaphragm design allows dry running. Self-priming up to 4.9 feet. Built-in discharge check valve. Quiet operation. Built-in hydraulic pulsation dampener. Large vibration absorbing pads. Slip-on ports 1/2" or 5/8" ID hose. Shut-off pressure 2.7 bar. 40 PSI. 4.2 GPM. Dimensions: 10-1/8" H x 6-1/2" W x 9-7/8" L. 12V DC.

414564 (36900-2000) **$554.95 F**
425721 (37121-0010) Pressure Switch **$35.95 F**



Jabsco Smooth-Flow Water Pump Control



JABSCO

Jabsco Smooth-Flow Water Pump Control

Variable speed drive (VSD) converts everyday pumps into sensor-controlled pumps that automatically adjust in real time to changes in pressure. As less flow is required, the pump motor slows down to provide a smooth and pulsation-free performance. Works on most water pressure pumps rated 3-12 amps and on Shurflo pumps. Eliminates accumulator tank. Runs on 12 or 24 VDC input.

414590 (31777-0000) **$104.95 F**

Hot and Cold Faucets



Hot and Cold Faucets

Chrome plated bronze faucet is furnished complete with tail piece for easy connection to 5/8" hose on pressure water supply lines. Height above drainboard 3" and below drainboard 3". Spout projects 2-3/4". Self-closing model comes with two top caps – hot and cold. Standard model must be specified hot or cold when ordering.

530445 (1832) Standard **$11.50 H**

Jabsco Galley Pump and Faucet

JABSCO



Jabsco Electric Galley Pump and Faucet

Quiet operation electric pump is compact, easy to install, draws only 1.6 amps at 12 volts and pumps 1 GPM at 3 PSI. The attractive faucet has a stainless steel swing spout, easy-to-clean white plastic base and built-in switch to operate the pump. Pump and faucet have a 3/8" hose connection. The centrifugal pump is not self-priming and must be mounted below waterlevel of tank. Pump may be screwed directly into water tank.

414398 (42510-0000) Pump Only **$41.95 F**
414401 (42530-0000) Pump and Faucet **$73.95 F**

Polar Ware Stainless Steel Sinks and Accessories



538059



538061



541068



537805

Polar Ware Stainless Steel Sink

Deep drawn seamless construction. 20 gauge 18-8 polished finish with self rimming. Dimensions: 11-3/4" ID, 13-3/4" OD and 5" D. Drain fitting not included, use **541068** (6813-3-106).

538059 (0012-1-0-M) **$164.95 H**

Polar Ware Self-Rimming Compartment Flat Rim Sink

Buffed stainless steel. Deep drawn seamless construction. 20 gauge 18-8 satin finish with self-rimming bottom heavily undercoated for sound deadening. Dimensions: 10" x 14" ID, 13" x 17" OD and 6-1/2" D. Drain fitting not included, use **541068** (6813-3-106).

538061 (173-1) **$133.95 H**

Polar Ware Stainless Steel Drain Fitting

Highly polished. Diameter 2-3/4". Tail piece length 4".

541068 (6813-3-106) **$17.95 H**

Polar Ware Stainless Steel Basket Sink Strainer

Highly polished. Diameter 4". Double cup type strainer.

537805 (357) **$33.95 H**

Jabsco Accumulator Tanks



Jabsco Mini Accumulator Tank

The mini accumulator tank smoothes water flow and reduces on/off switch cycling of the pump by lessening the variation in pressure and flow between the pump and the system discharge points. The even flow of water gives better control of hot water temperature with systems using instant water heaters. Its compact design also allows for convenient installation in tight spaces.

414627 (30573-3003) **$42.95 F**



Jabsco Pneumatic Accumulator Tank

This pneumatic accumulator tank will smooth flow from faucets and shower, reducing pump cycling and eliminating pulsations and water hammer. Water is totally separated from air chamber by a diaphragm and polypropylene tank liner. Volume of tank is 2 gallons with a working water volume of about 1 gallon. Mounts horizontally or vertically, even upside down. Port is 3/4" NPT (male). Includes brackets and band clamps. Pre-pressurized to 20 PSI. May be fine tuned to cut-in pressure of pump. Maximum working pressure 100 PSI. Diameter 8". Height 12-5/8".

414641 (18810-0000) **$179.95 F**

Groco Pressure Storage Tanks

GROCO



Groco Pressure Storage Tanks

Pressure tanks provide smooth delivery of pressurized water, even temperature mix in showers and reduced pump cycling. Tanks pressure change can be adjusted to the pump's cut-on pressure. For fresh or salt water use. Non-corrosive components are used for all wetted parts. Pressure tanks may be mounted in any position. Pipe connection for PST-1 and PST-3 is 3/4". Pipe connection for PST-5 is 1". Stainless steel straps and mounting hardware are included.

375143	(PST-1)	1 Gallon	8" x 12"	**$106.95 E**
375154	(PST-3)	2.7 Gallon	12" x 24"	**$292.95 E**
375166	(PST-5)	6.4 Gallon	15" x 32"	**$426.95 E**

Kuuma Water Heaters

KUUMA PRODUCTS



609101



609202

Kuuma Water Heaters

All 120 volt corrosion resistant water heaters have aluminum tanks and stainless steel casings. A 7/8" heat exchanger with a 1/2 NPT thread for easy installation ensures more efficient heat control through increased surface area. Complete with ignition-protected controls, high temperature, and high pressure valve installed. Available in 6 or 11 gallon sizes. Front and back mount. Front heat exchanger.

609101	(406011)	6 Gal.	13.625" W x 19" D x 13.5" H	**$308.95 E**
609202	(411011)	11 Gal.	16" W x 22" D x 16" H	**$391.95 E**

Monarch Water Pressure System



MONARCH INDUSTRIES

Model No.	Motor HP	Total Suction Lift (ft.)	Pump Capacity in U.S. GPM: Discharge Pressure in PSI 20	25	30	35	40	45	50	55	60	Maximum Pressure (PSI)
MJS-50	1/2	5	12.8	12.5	12.3	12.1	11.2	9.5	6.9	4.3	2.0	64.2
MJS-50	1/2	10	11.5	11.3	11.0	10.8	10.4	8.5	6.0	3.4	1.0	62.0
MJS-50	1/2	15	9.8	9.7	9.6	9.5	9.4	7.3	4.7	2.2	-	59.9
MJS-50	1/2	20	8.3	8.1	7.8	7.7	7.6	5.7	3.5	1.0	-	57.7
MJS-50	1/2	25	5.6	5.55	5.5	5.4	5.3	4.1	2.3	0.2	-	55.5

Monarch Water Pressure System

The MJS Series of jet pumps feature a suction up to 25 ft. Built from cast iron and specially treated with an anti-rust primer coating. 1-1/4" NPT suction and 1" discharge. Pressure gauge 0-100. Pressure switch is preset at 30-50 PSI. 115/230V. Pump complete with 8.5 gallon horizontal pressure tank and foot value. Includes all pump to tank fittings.

496195 (MJS50/SR25S) **$602.95 F**

Flojet High Volume Water Pressure System



FLOJET

Flojet High Volume Water Pressure System

Integrated pump and accumulator tank system. Designed to provide steady water pressure and generous water flow. The pump is fully automatic with a built-in switch and check valve to maintain system pressure and will supply smooth water flow from a trickle to full flow. May be mounted vertically or horizontally. Can run dry without harm. Self-priming up to 10 ft. Includes strainer and assorted ports for easy installation. Accumulator tank has total volume of 1.1 Gallon. Dimensions: 7.2" H x 11.3" W x 12.8" D. Pressure shut off 40 PSI. 4.5 GPM. 12V DC.

352726 (2840-100) **$441.95 F**

Rule Shower Pump System

rule®



Rule Shower Drain System

A compact, full capacity shower drain system. Automatically turns on after the water starts and shuts off when the water is removed. Activated by a Rule-A-Matic float switch. Includes three inlet ports which offer varying combinations of inlet hose. Other features include: A clear screw down cover, removable strainer for easy cleaning and an internal check valve to prevent back flow. Discharge 3/4". Dimensions: 8-1/4" x 11-1/4" x 5-1/2". 800 GPH.

581719 (98A) **$180.95 H**

Johnson Multiple Port Shower Sump



Johnson Multiple Port Shower Sump

Includes the L650 Duo pump and a mesh filter for easy cleaning. Turns on/off automatically using our Ultima switch technology. Has multiple inlet ports for handling waste water from more than one tapping point. Equipped with a check valve on the outlet avoids water coming back into the tank. Has a tight-fitting lid to minimize splashing and odors. Intake hoses: 1 x 3/4", 1 x 3/4" or 1 x 1", 1 x 1-1/8" or 1 x 1-1/2". Discharge 3/4".

470067 (57151) **$103.95 F**

Monarch Water Pressure Systems



MONARCH INDUSTRIES

Monarch Water Pressure Systems

The MJS Series of jet pumps feature a suction up to 25 ft. Built from cast iron and specially treated with an anti-rust primer coating. 1-1/4" NPT suction and 1" discharge. Pressure gauge 0-100. Pressure switch is preset at 30-50 PSI. 115/230V.

496192 (MJSHP)	Freshwater System Pump - 1/2 HP	Complete w/Tank	**$695.00 F**
496193 (MJSHP)	Freshwater System Pump - 3/4 HP	Complete w/Tank	**$699.00 F**
496197	40 Gallon - 3/4 HP Fresh Water Pump System		**$979.00 F**
496199	40 Gallon - 1 HP Fresh Water Pump System		**$999.00 F**
496186 (MJSHP-50)	High Pressure Pump Only	1/2 HP	**$317.95 G**
496201 (MJS-75)	Standard Pressure Pump Only	3/4 HP	**$392.95 G**
496194 (MJS-100)	Standard Pressure Pump Only	1 HP	**$419.95 G**
496187 (604052)	Base Plate		**$48.95 G**
496188	Base Plate for Pump System		**$26.95 G**
496190	Replacement Tank for Pump System		**$230.95 G**

Spare Parts

496275 (246233)	Diffuser	**$8.95 A**
496287 (469097)	Impeller	**$17.95 A**
496299 (192785)	Gasket	**$1.95 A**
496302 (469107)	Seal Plate	**$33.95 A**
496314 (240160)	Seal 5/8"	**$7.95 A**
496326 (633652)	Pressure Gauge 1/4" Back Mount	**$6.95 E**
496338 (224310)	Pressure Switch	**$26.95 E**
496189 (604073)	Motor 120V, 1/2 HP	**$266.95 A**
496191 (604459)	Pressure Tank	**$490.95 G**

Model No.	Motor HP	Total Suction Lift (ft.)	Pump Capacity in U.S. GPM — Discharge Pressure in PSI													Maximum Pressure (PSI)
			20	25	30	35	40	45	50	55	60	65	70	75	80	
MJS-75	3/4	5	16.2	16.0	15.8	15.6	15.4	12.1	8.7	5.7	2.9	-	-	-	-	65.0
MJS-75	3/4	10	14.3	14.0	13.7	13.5	13.2	10.6	7.6	4.6	1.6	-	-	-	-	62.8
MJS-75	3/4	15	12.1	11.7	11.3	11.0	10.6	9.3	6.3	3.2	0.2	-	-	-	-	60.6
MJS-75	3/4	20	9.9	9.6	9.3	9.0	8.7	7.8	4.8	1.9	-	-	-	-	-	58.5
MJS-75	3/4	25	7.2	7.1	7.0	6.9	6.8	6.7	3.5	0.6	-	-	-	-	-	56.3
MJSHP-50	1/2	5	8.8	8.9	8.6	8.4	8.3	8.1	7.4	6.0	4.7	3.4	2.2	1.2	0.15	80.6
MJSHP-50	1/2	10	7.8	7.7	7.55	7.4	7.25	7.2	6.6	5.4	4.15	2.8	1.8	0.7	-	78.5
MJSHP-50	1/2	15	6.5	6.4	6.3	6.2	6.1	6.0	5.3	4.8	3.6	2.3	1.3	0.3	-	76.3
MJSHP-50	1/2	20	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.1	2.9	1.7	0.7	-	-	74.1
MJSHP-50	1/2	25	3.7	3.65	3.6	3.55	3.5	3.5	3.45	2.4	2.3	1.3	0.3	-	-	71.9
MJC-100	1 (Shallow)	5	20.2	20.1	19.9	19.5	16.7	13.9	11.1	8.3	5.6	-	-	-	-	71.0
MJC-100	1 (Shallow)	15	14.5	14.3	14.1	13.8	13.6	11.4	8.7	6.0	3.3	-	-	-	-	66.7
MJC-100	1 (Shallow)	25	9.1	8.9	8.8	8.7	8.6	8.5	6.0	3.6	1.2	-	-	-	-	62.1
MJC-100	1 (Deep)	20	-	12.8	10.5	8.7	7.3	6.6	5.2	4.4	3.6	-	-	-	-	87.0
MJC-100	1 (Deep)	50	-	8.4	7.2	6.0	5.0	4.2	3.4	2.6	1.9	-	-	-	-	74.0
MJC-100	1 (Deep)	90	-	4.3	3.4	2.7	1.9	1.8	0.7	-	-	-	-	-	-	56.7

Reverse Osmosis Desalination Systems - 50 Hertz



Reverse Osmosis Desalination Systems - 50 Hertz

484129	(E400-115)	400 Gal. per day	115V/1/60	**$6,945.00 B**
484131	(E400-230)	400 Gal. per day	230V/1/60	**$6,945.00 B**
484143	(E600-115)	600 Gal. per day	115V/1/60	**$7,545.00 B**
484155	(E600-230)	600 Gal. per day	230V/1/60	**$7,545.00 B**
484167	(E800-230)	800 Gal. per day	230V/1/60	**$8,795.00 B**
484179	(E1200-230)	1200 Gal. per day	230V/1/60	**$9,545.00 B**

Call for Price and Available on Larger Systems

Reverse Osmosis Desalination Systems - 50 Hertz

Ultra-compact, reliable, and economical, the Emerald Series delivers Matrix high quality for a fraction of the cost of other watermakers.

Standard Features:

- Modular or Cabinet Styles in One System. No Extra Parts Needed.
- Stainless Steel Triplex High Pressure Pump. TEFC Motor.
- Digital Conductivity Meter with LCD Display
- Product Flow Indicator
- Solenoid-Actuated Product Divert for Quality Assurance
- NEMA 4X FRP Electrical Control Enclosure. Waterproof wiring & conduit
- High-Rejection TFC Seawater Membranes
- Aluminum Structural Assembly with Powdercoating
- Factory Testing and Sterilization
- Simple Installation
- High Pressure Relief Valve for System Protection
- High Quality Monel Pressure Gauges. Glycerin-Filled
- Timed Freshwater Flush
- 316 Stainless Steel High-Pressure Fittings
- Corrosion-Resistant Fiberglass Pressure Vessels
- 5 Micron Cartridge Filtration
- Industrial rated CPVC supply pump. TEFC motor.
- Matrix World-Wide Service and Technical Support.

International Connections



International Ship Connection - Brass

7" OD flange threaded with 2-1/2" female hose thread. Flange slotted rather than drilled. Can be used with non standard flanges. Supplied with bolts, nuts, washers and gaskets.

324006 (336-S) **$226.95 D**



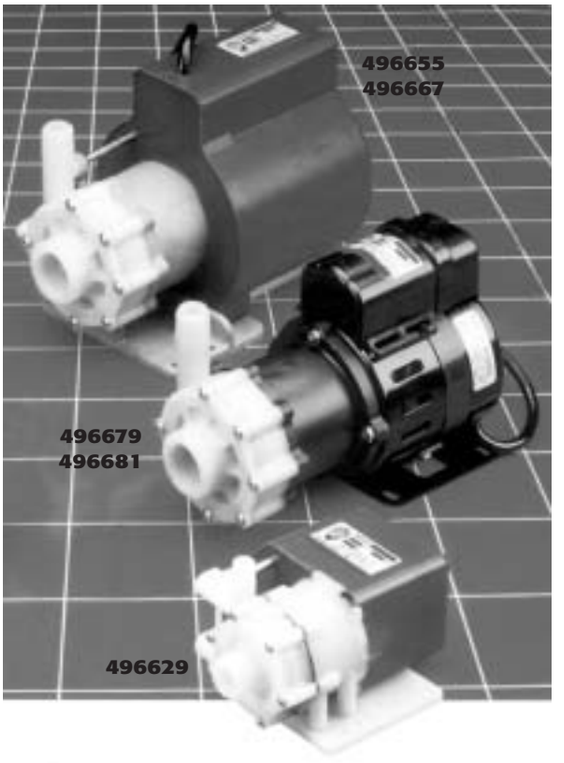
International Shore Connection - Brass

Shore connection is a 7" OD flange threaded with 2-1/2" hose thread to match thread on docks. Flange drilled to ASA Standard. Supplied with bolts, nuts, washers and gaskets.

324018 (336-L) **$232.95 D**

March Seal-Less Magnetic Drive Pumps





March Seal-Less Magnetic Drive Pumps

For use submerged or in damp environments. Magnetic drive - no shaft seal to wear, leak, or replace. Unmatched workmanship, performance and reliability. Extremely low energy consumption. Fast and easy to service - only a screwdriver required. March epoxy encapsulated circulating pumps with seal-less magnetic drive offer the ultimate in reliability. These versatile pumps are widely used on commerical and pleasure craft for recirculating sea water and for air conditioning and refrigeration. All models can be run in open air or submerged except model AC-5C-MD, which must be in a dry environment. All centrifugal pumps require a flooded inlet (suction side of pump).

Submersible Pumps

496605 (893-04-12V)	12 Volt		**$185.95 D**
496617 (893-06-24V)	24 Volt		**$185.95 D**
496629 (LC-2CP-MD)	115 Volt	1/50-60 Hz	**$232.95 D**
496631 (LC-3CP-MD230)	230 Volt	1/60 Hz	**$320.95 D**
496643 (LC-3CP-MD)	115 Volt	1/60 Hz	**$290.95 D**
496655 (LC-5C-MD)	115 Volt	1/50-60 Hz	**$560.95 D**
496667 (LC-5C-MD230)	230 Volt	1/50-60 Hz	**$616.95 D**

Non-Submersible Pumps - Air Cooled

496679 (AC-5C-MD)	115 Volt	1/50-60 Hz	**$267.95 D**
496681 (AC-5C-MD230)	230 Volt	1/50-60 Hz	**$293.95 D**

Replacement Parts

496732 (0125-0055-0100)	Impeller	Series 2 Pumps	**$19.95 C**
496706 (0130-0011-1000)	O-Ring	Series 3 Pumps	**$2.95 C**
496719 (0150-0030-0100)	Impeller	Series 5 Pumps	**$25.95 C**
496768 (0125-0115-0100)	Wet End Kit for LC-2CP-MD		**$79.95 C**

Model No.	Max. Flow GPM	Max. Head Ft.	Inlet	Outlet	HP	RPM	Volts*	PH	Hz	Watts	Amp	Motor Type	Electrical Connection	Wt. Packed Lbs.
893-04	2.7	10.5	3/8" FPT	3/8" OD	1/150	4000	12	DC	-	12	1.0	TE/SUB	18' loose leads	1.2
893-06	2.7	10.5	3/8" FPT	3/8" OD	1/150	4000	24	DC	-	12	.5	TE/SUB	18' loose leads	1.2
LC-2CP-MD	5	13	3/8" FPT 3/4" MPT	1/4" MPT	1/35	3200	115	1	50/60	54	1.0	TE/SUB	6 ft. SJT	5
LC-3CP-MD	8.5	19	3/4" FPT	1/2" MPT	1/20	3200	115	1	60	120	2.35	TE/SUB	6 ft. SJT	8-1/2
LC-3CP-MD230	8.5	19	3/4" FPT	1/2" MPT	1/20	2450	230	1	60	78	.79	TE/SUB	6 ft. SJT	8-1/2
LC-5C-MD	14.5	27	1" FPT	1/2" MPT	1/8	2800	115	1	50/60	250	2.1	TE/SUB	6 ft. SJT	18
LC-5C-MD230	14.5	27	1" FPT	1/2" MPT	1/8	2750	230	1	50/60	143	.60	TE/SUB	6 ft. SJT	18
AC-5C-MD	17	27	1" FPT	1/2" MPT	1/8	3200	115	1	50/60	227	2.2	AC	3 ft. SJO	9-1/2
AC-5C-MD230	17	27	1" FPT	1/2" MPT	1/8	3200	115	1	50/60	260	1	AC	3 ft. SJO	9-1/2

Groco Manual Toilets



GROCO®

Groco Model HF Marine Head

Bronze base with china bowl. Ideal for small family cruisers. T-handle is standard. Long stroke piston pumping mechanism with teflon piston rings. Inlet 3/4" ID hose. Discharge 1-1/2" ID hose. White. Width 17-3/8". Height 12-3/4". Depth 17".

375039 (HF-B) **$422.95 H**

GROCO®

Groco Model EB Marine Head Repair Kit

375217 (EB) Master Repair Kit **$292.95 E**

Raritan Model PHII and PHEII Marine Toilets



RARITAN Engineering Company, Inc.

Raritan Model PHII and PHEII Marine Toilets

The PHII's inlet valve can provide either simultaneous intake and discharge or dry flush. The pump can be mounted for use with either left or right hand. Constructed with only the finest plastic, stainless steel and buna "N" rubber. Standard size bowl. Outlet hose ID 1-1/2". Inlet hose ID 3/4". Dimensions: 14-1/6" H x 18-3/16" W x 16-1/4" D. 30 lbs.

564179 (PHII)	Hand Toilet	**$487.95 E**
564167 (PHEII)	12V DC Electric Toilet	**$907.95 E**
564183 (PHRKIIC)	Repair Kit	**$61.95 E**
564624 (1238A)	Seat and Cover Assembly	**$46.95 E**

Raritan PH and PE Marine Toilet Repair Kit

564169 (PHRK) Repair Kit **$62.95 E**

Johnson Aqua T Compact Toilets

470079





470081

Johnson Aqua T Compact Manual Toilet

Ergonomic pump handle for ease of use. Pump can be mounted left or right of the toilet bowl. Innovative brake bushing prevents annoying leakage at the handle.

470079 (80-47229-01) **$154.95 F**

Johnson Aqua T Compact Silent Electric Toilet

Equipped with 12V Aqua Jet pump. Quick-connect hose or threaded connectors. Versatile plumbing connection options. Automatic back-flow prevention. Corrosion resistant materials throughout. Complies with ISO 8846, ignition protection and EN 55014 EMC. Hygienic, easy-to-clean vitreous china bowl and exterior surfaces. Low water consumption (2-2.5 l/flush) makes the most of holding tank capacity. Designed for virtually any onboard mounting position. May be installed above or below the waterline.

470081 (80-47231-01) **$512.95 F**

Raritan Electric Toilets

Raritan Atlantes Freedom Electric Toilet

Standard household size. Stainless handle with toilet control (for timed operation). Powerful bronze cutting blades designed to "shred" most objects. Freedom from clogged toilets and marine size bowls, excellent performance even in commercial applications. No fuses or relays inside the unit, timer module can be removed and the toilet will still operate. Diaphragm intake pump can be run dry. Self-contained allowing quick and easy installation. 12 volt. White.

Commercial Grade



563830 (A812) **$1,469.95 E**

Raritan Crown Head Electric Toilets

The "original" electric macerating toilet, still preferred by boaters who know and want the best in a simple macerating toilet. The Crown Head features a single motor that drives both the intake and discharge pumps, and a sturdy bronze housing for the macerating section. It can be installed above or below the waterline and the 12V model draws only 36 amps with an average required flushtime of 10 seconds using only 1 quart of water. 12 volt.



563937 (C912)	Marine-Size (Standard)	**$1,3448.95 E**
563930 (CW912)	Household-Size	**$1,522.95 E**
563963 (CHRK)	Overhaul Kit for Marine-Size (Std.)	**$100.95 E**
564624 (1238A)	Seat & Cover for Marine-Size (Std.)	**$46.95 E**

Raritan Crown Head II Electric Toilets

Based on the "original" electric macerating toilet the Crown Head II offers several options not available in the Crown Head. The Crown Head II features either a remote intake pump or a freshwater solenoid for connection to onboard system and a sturdy bronze housing for the macerating section. It can be installed above or below the waterline and the remote intake 12V model draws only 28 amps with an average required flushtime of 10 seconds using only 1 quart of water. The freshwater 12V model draws only 19 amps, water usage will depend on the freshwater system.



564004 (C29WF24-T)	Household-Size - 90° Discharge	**$1,894.95 E**
564016 (C2F24-T)	Marine-Size (Std) - 12V DC/115V AC	**$1,879.95 E**
563886 (C2924-T)	Marine-Size (Std) - 120/240V AC	**$1,942.95 E**
563848 (CWPS12A)	12V DC Solenoid Valve	**$148.95 E**
564624 (1238A)	Seat & Cover f/Marine-Size (Std.)	**$46.95 E**

Raritan Crown Lower Base Assembly

Units are sold outright, no exchange. Units are 24V DC with a 120V AC-24V DC step down charged. Crown Head II Lower Unit - straight discharge. 12, 24 and 32 VDC models are available.

564055 (C2L24-T) **$1,511.95 E**

Jabsco Marine Toilets



Jabsco Electric Marine Toilets

The electric marine toilet is available with either a compact white vitreous china bowl or larger yacht-size bowl which is equipped with a standard household type seat and lid. It is equipped with a dual function pump which eliminates having to mess with hand pumps and dry bowl valves. With the simple push of a button, the self-priming flush pump rinses the bowl as the macerator and high capacity scavenger pump grinds up waste and pumps it out. Can be installed above or below waterline. Included with the toilet is a heavy duty push-button switch and 1" to 1-1/2" hose adaptor for the discharge hose. Inlet 3/4". Outlet 1". 12 volt is standard. 24 and 32 volt available by special order.

Compact Toilet. Dimenions: 13-3/4" H x 13-7/8" W x 17-5/8" L.

414956 (37010-0090) **$690.95 F**

Household Toilet. Dimenions: 14-3/8" H x 14-5/8" W x 19-3/4" L.

414970 (37010-1090) **$676.95 F**

Repair Kit and Replacement Parts

415011 (37040-0000) Seal and Gasket Service Kit **$48.95 F**
415023 (37041-0010) Repl. 12 Volt Pump Assembly **$220.95 F**
415035 (37064-0000) Replacement Motor - 12 Volt **$141.95 F**



Jabsco Electric Toilet Base Assembly

The electric toilet base assembly offers an economical way to own an electric toilet because it utilizes existing manual toilet bowl and seat/lid assembly. It can be fitted with the Raritan P.H. or compact, Wilcox Crittenden "Head Mate", Groco HC and Sealand (Mansfield) 750 through 752 Series china bowls. It also fits any Par or Brydon 59128-Series or Jabsco 29090-29120 Series and virtually any other marine toilet using a 3-3/4" diameter bolt circle with 4-hole pattern. The self-priming flexible flush pump rinses the bowl while the powerful macerator scavenger pump grinds up and pumps out waste. A built-in backflow preventer is included in discharge. A heavy duty push button switch and 1" to 1-1/2" hose adaptor for the discharge port plus all clamps and fasteners to complete the conversion are included. Inlet 3/4". Discharge 1". 12 volt.

415085 (37010-0092) **$658.95 F**



Jabsco Manual Marine Toilet

The pump assembly is angled forward to provide a natural smooth stroke action and the top mounted dry bowl selector is easy to operate. Pump and base can be assembled for left hand operation. Easy, smooth action flush pump with dry bowl and shut off lever. External surfaces are smooth and have been contoured for easy cleaning. Comes with a compact white china bowl. Height 13-3/16". Width 17-3/4". Length 16-3/4".

414906 (29090-2000) **$252.95 F**

Jabsco Service Kits

414920 (29045-0000) For Pre-1997 Units **$64.95 F**
414932 (29045-2000) For 1998 and Up Units **$64.95 F**



Jabsco Deluxe Flush Electric Toilet

The Deluxe Flush Range is Jabsco's latest offering to the top of the range Electric Toilet Market. All aspects of the design have been optimized for minimal water usage and near silent operation. The stylish and extremely compact design is carefully contoured to conceal the flush pump, wiring and plumbing, whilst still featuring a full-size household seat. The Slant Back gives minimal footprint and makes it easy to mount against a sloping surface or in a corner. Deluxe Flush toilets feature a multifunction 'one touch' control pad offering 4 rinse and flush options, using as little as 1.5 US Quarts (1.5 liters) of water. This model supplied with solenoid valve and siphon breaker assembly for connection to any existing pressurized water system capable of delivering 2.9 US gpm (11 lpm) or more. The siphon breaker ensures there is no backflow from the toilet into the water system. Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

414982 (58020-1012) **$973.95 F**

Thetford Portable Toilets



Thetford Porta Potti 135 Portable Toilet

Sealed two-piece fresh water flush portable toilet. Completely self-contained, compact and airtight. High impact polypropylene with high gloss finish for easy cleaning. Exclusive no-spill fresh water fill/vent cap. Built-in deodorant storage compartment. Push-button air relief valve allows quick, clean tank evacuation. Exclusive rotating pour out spout for no-splash emptying. Holding tank capacity 2.6 gallons. Dimensions: 12-1/16" H x 13-9/16" W x 15" L. Weight: 12.5 lbs. Color: Parchment.

657980 (25100) **$116.95 F 2Q**



Thetford Porta Potti 555 Portable Toilet

Bellows flush. About 45 flushes before emptying. Level Indicator tells when it's time to empty. Lid latch secures seat and lid. 3.2 gallon water tank, 4.5 gallon holding tank.

658003 (28528) **$164.95 F**



Thetford Porta Potti 735 MSD Portable Toilet

Type III MSD. Compact 12-inch height is ideal for a boat with a V-berth configuration. Positive locking lid latch secures lid and seat on rocky waters. Level Indicator tells when it's time to empty. Specially-designed hold-down brackets secure head to floor or deck during use or transport on rolling waters.

658060 (25105) **$182.95 F**



Thetford Aquamate 875 MSD Portable Toilet

Thetford's premium marine head with pumpout large profile increases comfort stability. Large 6.1 gallon holding tank allows more uses between emptying. Tissue dispenser with splash guard for convenience. Universal hold-down system allows flexibility of front and back or side and side mounting of unit. Level gauge indicator tells when it's time to empty waste holding tank. Hooks up easily for dockside discharge. Adapts to through-hull fittings for discharge in unrestricted waters.

657983 (24463) **$204.95 F**



Thetford Bravura Head

Convenient, single-foot-pedal operation. Pulse flush with near instantaneous, full-bowl. Contemporary/stylish looking. Ultra easy to install, clean and service. High profiles. Color: Parchment. 2 year warranty.

658104 (31085) **$281.95 F**

Raritan Electro San™ Type I Marine Sanitation Device



RARITAN Engineering Company, Inc.

Raritan Electro Scan® Type I Marine Sanitation Device

The most popular USCG certified Type I MSD. The power requirements have been reduced by 36%. Each cycle uses only 1.2 amp hours of power. Electro Scan generates its own natural disinfectant from salt water. Coated electrodes use salt water to kill bacteria and viruses without harmful chemicals. It records each treatment cycle and stores key information in non-volatile memory that can be summarized on the LCD display or downloaded to a PC. Single button operation is possible and can be used with both manual and electric toilets. Requires sea water for salinity or salt feed tank.

564054 (EST12) **$1,638.95 E**

Raritan Purasan On-Board Sewage Treatment Device

RARITAN Engineering Company, Inc.



Raritan Purasan On-Board Sewage Treatment Device

On-board sewage treatment device for freshwater lakes and rivers. Can be used with most manual, electric, saltwater and freshwater toilets. Neutralizes waste, making it sanitary and safe for boaters and the marine environment. U.S. Coast Guard approved Type I Marine Sanitation Device for vessels up to 65 feet in length - can be used with most marine toilets. Toilet and treatment cycle are activated with a single push button. Low power consumption. Easy to change tablet cartridge, neutralizes bacteria in waste water. Alleviates the need for holding tanks in most areas. Type I MSD. Dimensions: 13-1/2" H x 16" W x 8-3/4" D. 12 volt.

564187 **$1,323.95 E**

564189 (41-135) Tablet Cartridge **$97.95 E**

Raritan ManaGerm On-Board Sewage Treatment Device

RARITAN Engineering Company, Inc.



Raritan ManaGerm On-Board Sewage Treatment Device

Effective reliable treatment of onboard sewage for up to 12 persons per day. The Managerm is an aerobic biological sewage treatment system. The System uses air, water and the natural occurring bacteria to biologically convert waste to water and carbon dioxide (a harmless odorless gas). Type II MSD.

Features:

- USCG Certified Type II Marine Sanitation Device also compliant with IMO Resolution MEPC2(VI)
- Tank constructed of lightweight corrosion resistant polyethylene
- Easy installation - Simple maintenance
- No foul odors
- No moving parts in contact with sewage
- Quiet, durable aeration pump included
- Low cost
- Uses very little electricity
- Operates with fresh, brackish and salt water
- No special tools are required for installation
- For use on inspected and uninspected vessels

563773 (6400121) **$4,567.95 E**

PUMPS, SANITATION

Marpac Macerator Pump



Marpac Macerator Pump

Provides superior performance while delivering up to 13 GPM. Unique dual blade housing construction ensures problem free pumping. Dual carbon steel blades stay sharper, longer. Specifically designed for waste and fish box evacuations. Includes o-ring sealed end bells with a sealed manual turn key to withstand the harsh marine environment. 100% tested, self priming. 1-1/2" waste inlet, 1" discharge outlet. Heavy duty 12 volt motor.

7-0901 **$133.95 F 30**

Jabsco Evacuation Pumps



Jabsco Fish Box Evacuation Pump

Perfect for emptying a fish box after a day's fishing. 360° rotating head for flexible installation. 1-1/2" ports allow for easy passage of particulates. Filter-less design.

414831 (50900-1000) **$293.95 F**

Jabsco Waste Evacuation Pump

Specifically for use in the evacuation of holding tanks. 360° rotating head for flexible installation. 1-1/2" ports and no requirements for a pre-filter, black water can be moved easily at a flow rate of 5 GPM.

415136 (50890-1000) **$276.95 F**

Jabsco Macerator Pumps



Jabsco Self-Priming Macerator Pump - DC Voltage

Ideal solution for emptying marine holding tanks when not in a discharge restricted area. Self-priming to 5 feet this pump will empty a typical 30 gallon holding tank in less than 3 minutes. Grinding capabilities - capable of grinding waste down to a particle size of 1/8" max. Run dry protection device that shuts-off pump. This is also ideal for the emptying of Fish box and livewell receptacles. Ports: Inlet - 1-1/2" hose barb and 1-1/2" NPT; Outlet - 1" hose barb. Dimensions: 3-5/8" H x 4-3/4" W x 11-3/8" L. 12 volt.

415154 (18590-2092) **$172.95 F**



Jabsco Heavy Duty Macerator Pump - 115V AC Voltage

Ideal answer to waste handling problems for marine, recreational vehicle and domestic use. The macerator section grinds waste down to a particle size of 1/8" maximum. Self-priming, permitting the unit to be mounted above or below the tank in a convenient location. Empties a 30 gallon holding tank in only 3 minutes. Thermal overload protection. Ports: Inlet - 1-1/2" external pipe thread; Outlet - 1" ID hose barb. Dimensions: 8-1/4" H x 7-1/4" W x 15" L. 115V AC.

415174 (18690-0000) **$648.95 F**
415162 (18598-1000) Service Kit **$51.95 F**

Moeller Waste Tanks

Moeller Waste Tanks

Molded of FDA approved linear polyethylene which meets the CFR 177.1520 criteria. Waste tanks feature a heavier wall thickness for strength. **667038** (41230) features a 3" inspection port for your convenience.

666961	(41206) 6 Gal.	16" L x 11-3/4" W x 8" H	**$80.95 E**
666973	(41209) 9 Gal.	17" L x 13-3/4" W x 10-1/4" H	**$91.95 E**
667014	(41220) 20 Gal.	21" L x 17" W x 14" H	**$137.95 E**
667038	(41230) 30 Gal.	28" L x 23" W x 11-1/2" H	**$176.95 E**



Y-Valves



Jabsco 1-1/2" Y-Valve

Diiverts waste from a toilet to either an onboard holding tank of directly overboard where legal to do so. It can be used to direct waste from a holding tank to either an onboard discharge pump or a deck waste fitting for dockside pumpout. Its self cleaning design provides trouble free operation. The large easy to turn handle has an intregral locking ring that allows it to be locked or sealed in either position. The 1-1/2" curved discharge ports can be rotated through 360° so the discharge hoses can be routed away in parallel, at 90° to each other, in opposite directions or either up or down. It is supplied with both a 1-1/2" and 1" straight inlet port for easy attachment to toilets with 1" discharge hoses.

415201 (45490-1000) **$73.95 F**



Forespar 1-1/2" Y-Valve

Molded from glass reinforced Marelon®. When installed in waste systems, the waste can be pumped directly into a holding tank or diverted to an overboard discharge fitting. The valves are operated by a simple 120° movement. Positive stops are provided between positions. Barb 1-1/2".

353451 (902000) **$71.95 H**

Vented Loops



Forespar Vented Loops for Waste Line

Molded in glass reinforced Marelon. The simple valve system incorporated in the top of the loop allows air to enter the line when not in use, yet effectively seals as water or other fluid passes through. If your toilet is set below the waterline, a vented loop should be installed to prevent back siphoning.

353425 (903001)	Barb 3/4"	4-1/2" H	3-3/4" W	**$31.95 H**
353437 (903000)	Barb 1-1/2"	5-1/4" H	7-3/4" W	**$35.95 H**



Groco Vented Loops

All bronze construction. For hose connections. Suitable for engine exhaust system installations or sanitation system installations. Oversized vent valve is virtually clog-free and can easily be removed without tools for inspection or cleaning by unscrewing the threaded cap. Mounting hardware is included.

375101 (HVL-750)	Hose ID 3/4"	**$142.95 G**
375103 (HVL-1000)	Hose ID 1"	**$142.95 H**
375105 (HVL-1500)	Hose ID 1-1/2"	**$158.95 H**

MPI Products White Sanitation Hose



MPI Products Series 148 White Sanitation Hose

Smooth wall extra heavy duty vinyl hose for all sanitation system connections and other critical applications. FDA approved and low water absorption compounds provide excellent odor resistance. VAC rating is 28. 50' box.

771407 (148-0346)	3/4"	**$151.95 L**
771419 (148-1006)	1"	**$174.95 L**
771421 (148-1186)	1-1/8"	**$191.95 L**
771433 (148-1146)	1-1/4"	**$260.95 L**
771445 (148-1126)	1-1/2"	**$272.95 L**

Perko Waste Deck Plates

PERKO®

Perko Fig. 1269 Waste Deck Plate for Hose
Deck plate with cap marked "Waste". Chrome plated zinc unit, with black plastic cap with "O" ring for air tightness. For 1-1/2" hose. Length of neck is 2". Flange diameter 3-1/4". Cap has holes and a slot for key, screw driver or large coin.

540165 (1269 DP CHR) **$42.95 H**
540166 (1269 DP 99A) Cap Only **$13.95 H**

Perko Fig. 524 Waste Deck Plate for Pipe
Chrome plated bronze. Complete with Fig. 1248 key and O-ring. Cap has a slot between the holes. Pipe 1-1/2". Flange OD 3-5/8". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

540155 (524 DP CHR) **$120.95 H**


540155


540165

Marykate Holding Tank Deodorant



MARYKATE® BOAT CARE PRODUCTS

Marykate Heads Up™ Liquid Holding Tank Deodorant
Works instantly to control odors. Long lasting pleasant fragrance. Detergent additive helps keep holding tanks and recirculating and portable toilets clean. Helps break down waste and tissue. Non-formaldehyde formula.

216641 (MK4532) Quart **$11.95 F**

Marpro CSS Toilet Treatment

marPRO



Marpro CSS Toilet Treatment
Ultra-concentrated formula. Safe for marine applications. Stops odors up to 7 days. Formaldehyde free. 100% Biodegradable. Breaks down waste and tissue. Requires just two ounces per 40 gallons.

7-2728 32 oz. **$7.95 G**

Thetford Toss-Ins Tank Deodorants

THETFORD



Thetford Aqua-Kem® Toss-Ins Holding Tank Deodorant
Specially formulated for holding tanks and all portable toilets. Sold eight pre-measured, 1 oz. water-soluble packs per carton.

657900 (14091) **$15.95 F**

THETFORD



Thetford Supreme Green Toss-Ins - 12 Pack
Thetford 36530 Supreme Green Toss-Ins include 12 formaldahyde-free rapid-dissolve packets in a resealable pouch. Powerful all-season odor control. Waste and tissue breakdown, 100 percent biodegradable deodorant.

657912 (36530) **$11.95 F**

Thetford Aqua-Kem® Toilet Deodorant



Thetford Aqua-Kem® Liquid Holding Tank Deodorant

Formulated for use in all holding tanks and portable toilets. Eliminates waste odor. Digests toilet tissue. Liquefies waste. 100% biodegradable.

657947 (24453) (3) 8 oz. Bottles **$8.95 F**
657952 (09852) Quart **$9.95 F**



Thetford Aqua-Kem® Dri Holding Tank Deodorant

For use in all marine portable, permanent and recirculating sanitation systems. Long lasting odor control. Fast acting. 100% biodegradable. Sold (8) 2 oz. packs per carton.

657924 (20720) **$11.95 F**

NEW ITEM



Star Brite Water Conditioner

Prevents potable water from picking up smell or taste from water tank walls and pipes. Non-toxic, keeps water tasting and smelling fresh for up to 1 year. Safe and easy to use – add just one teaspoon to treat 100 gallons of water.

999142 (91504) 4 oz. **$6.95 F**



Thetford RV/Marine Toilet Tissue

Economical 1-ply tissue, specially-made for RV and marine sanitation systems. Prevents clogging by rapidly dissolving in holding tanks, 100% Biodegradable. Four 350-sheet roll Value Pack.

657962 (20804) **$3.95 F**



Camco Fresh Water Dewinterizer

For use with boats or RVs coming out of storage. Just one bottle freshens and deodorizes your Fresh Water System from tank to tap. Treats up to 60 gallons.

583155 (40218) 16 fl. oz. **$15.95 F**



Camco TastePURE™ Drinking Water Freshener

Eliminate algae and slime buildup from drinking water tanks. Just one ounce helps remove bad smells and taste from 20 gallons of water.

583701 (40208) 16 fl. oz. **$11.95 F**

Marine Wastewater Treatment Systems for Small Boats and Offshore

OWENS KLEEN TANK™
Fighting Pollution "The Best"

MARINE

Wastewater Treatment Systems for Small Boats and Offshore

PATENTED - PROVEN - U.S.C.G. CERTIFIED TYPE II MSD

The OWENS KLEEN TANK is a self-contained "extended aeration" biological system that is ready for operation when site electrical and mechanical connections are in place. The KLEEN TANK small boat models can be designed to fit small, hard to fit areas and have a capacity range from 33 GPD to thousand of gallons per day. Easy maintenance, long lasting reliability and optimum effluent compliance make the KLEEN TANK the educated choice for marine sanitation devices.

CONSTRUCTION

- Constructed of Carbon Steel or Stainless
- Seam Welded
- Sandblasted to near white metal
- Corrosion Protected
- Coal Tar Epoxy inside
- 3-Part Polyurethane Paint System outside
- Stainless Steel weir basket - self cleaning
- Regenerative Blower TEFC - quiet (optional)
- Float Controlled Effluent Pump (optional)
- Patented Floating Skimmer
- Upflow Gravel Bed Filter w/ Backwash System
- Easy Access Covers
- Easy Access / Non-Corrosive Valve Controls
- Low Maintenance Disinfection System
- Alarm System (optional)
- Nationwide Single Source Supplier for Repair Parts
- Exterior Mounted Filter Cleaning Valve

SIZED TO DO THE JOB

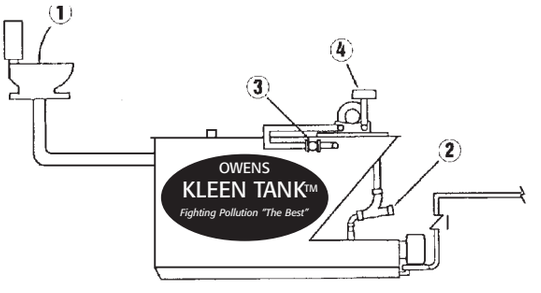
Model (small boat)	Gallons	Crew Size	Dimensions (H x W x L)	Mt. Wt. (Approx.)
A	33	3	3.5 x 1 x 3	400
A*Lowboy	33	3	2.5 x 1.5 x 3	400
B	76	6	3.5 x 1.5 x 4.5	500
C	112	10	3.5 x 2 x 6	800
D	182	16	4 x 2 x 7	1105
E	240	20	4.5 x 2 x 8	1317
F	360	32	4.5 x 3 x 8	1550
G	450	40	6 x 3 x 8	2050
H	750	62	6 x 4 x 10	2230
I	900	80	6 x 4 x 12	3296
J	1125	100	6 x 5 x 12	4668

ALL UNIT APPLICATION SIZING (CREW SIZE) IS BASED ON:
1. Low Flush Toilets. 1-1/2 Gallons/Flush
2. 24 hour Occupancy
3. BLACKWATER ONLY. FOR OTHER APPLICATIONS CONSULT FACTORY.

*** Modified size for easy placement on vessels. Models C-J are skid mounted. Add 4" to height and 6" to length for overall dimensions.**

NOTES
1. Standard units are constructed of carbon steel plate. Stainless Steel or aluminum plants are also available, consult factory for prices.
2. Explosion proof or 3 phase equipment available on special order, consult factory.
3. Larger & Special units are available by Special order. Designs to fit most small and hard to fit areas also available upon request.
4. U.S.C.G. certified as Type ll MSD/33CFR 159.15 Under OWENS KLEEN TANK, Certification #159.1038/5/11

KLEEN TANK 4-POINT EASY MAINTENANCE PLAN
1. Every two weeks - add Formula 101 to toilet
2. Every two weeks - add chlorine as required
3. Once a month - clean external up-flow filter by opening the external fluffer value for 5 minutes
4. Every six months - replace inlet air filter



CALL FOR PRICING AND AVAILABILITY

Rule Tournament Livewell/Aerator Pumps

Each Tournament Pump includes both a straight and 90° fitting. Rotatable base for positioning discharge hose. One hand "push button" motor release mechanism. Long-life motors. Water-cooled motor. Stainless steel shaft. Rule mositure tight seals.



Rule "STC Tournament" Series Livewell/Aerator Pumps

Discharge nozzle can be rotated 360° for optimal installation. Pump housing can rotate 360° to allow positioning of discharge outlet. Quick one hand "push button" motor cartridge removal system. Dual port fitting for optional wash-down pump. Straight pick-up with straight thread.

581769	(401STC)	500 GPH	**$54.95 F**
581860	(403STC)	800 GPH	**$62.95 F**
581875	(405STC)	1,100 GPH	**$61.95 F**



Rule "FC Tournament" Series Livewell/Aerator Pumps

Discharge nozzle can be rotated 360° for optimal installation. Pump housing can rotate 360° to allow positioning of discharge outlet. Quick one hand "push button" motor cartridge removal system. Dual port fitting for optional washdown pump. Tapered thread for seacock application.

581856	(401FC)	500 GPH	**$50.95 F**
581858	(403FC)	800 GPH	**$53.95 F**
581872	(405FC)	1,100 GPH	**$57.95 F**



Rule "C Tournament" Series Livewell/Aerator Pumps

Discharge nozzle can be rotated 360° for optimal installation. Pump housing can rotate 360° to allow positioning of discharge outlet. Quick one hand "push button" motor cartridge removal system. Dual port fitting for optional washdown pump. Angled pick-up with straight thread.

581757	(401C)	500 GPH	**$54.95**
581810	(403C)	800 GPH	**$58.95**
581874	(405C)	1,100 GPH	**$61.95**

Rule Tournament Series Livewell/Aerator Replacement Motor Cartridges

Quick one hand "push button" motor cartridge removal system.

582088	(45DR)	Spare Cartridge for 500 GPH	**$31.95 F**
582090	(46DR)	Spare Cartridge for 800 GPH	**$38.95 F**
582103	(47DR)	Spare Cartridge for 1,100 GPH	**$41.95 F**

OLD STYLE



Rule "R" Series Pro-Series™ Livewell/Aerator Replacement Module

Replacement motor modules. For all Pro-Series Aerator Pumps. Fits older Rule Aerator Pumps.

581859	(20RR)	700 GPH - Replacment Cartridge	**$39.95 F**
581884	(27DR)	1,100 GPH - Replacment Cartridge	**$40.95 F**

Rule Tournament Series Livewell Pumps



Rule Tournament Series Livewell Pump
Silent running and vibrationless. Heavy duty long life motors. Anti-airlock. 12 volt. 1,600 GPH. Discharge 1-1/8". 1" NPT female intake. Dual port pump. Allows connection to washdown pump.

581733 (209FDP) **$174.95 F**



Rule Tournament Series Livewell Pump
Silent running and vibrationless. Heavy duty long life motors. Anti-airlock. 12 volt. 1,600 GPH. Discharge 1-1/8". 1" NPT female intake. Robust bronze base. Single port.

581745 (209B) **$179.95 F**

Rule Submersible Pump



Rule Slimline In-Line Submersible Pump
Suitable for diesel, fresh and salt water. Quick diesel transfer with no spillage. Water transfer, deck shower or deck wash. Bilge or storm water emptying. Garden watering. Container filling and emptying. Continuous rating but should not be run dry for long periods. Includes: Spray nozzle, 13 feet cable with battery clips and 13 feet layflat hose. Fully submersible heavy duty construction. Outlets 3/4" ID hose. Pump length 6.5". Pump diameter: 1.5". 500 GPH. 12 volt.

581707 (IL500PK) **$103.95 F**



Attwood Tsunami Series Cartridge Aerator Pumps
Features: Cool running motors, watertight seals and waterproof wiring. Threaded 3/4" inlets for T-500 and T-800. 1-1/8" barbed outlet for T-1200.

236326 (4640-7) 500 GPH		**$34.95 H**
236348 (4650-7) 800 GPH		**$39.95 H**
236350 (4660-7) 1,200 GPH		**$50.95 H**
236060 (4620-6) Spare Cartridge for **236326**		**$18.95 H**
236079 (4622-6) Spare Cartridge for **236348**		**$27.95 H**
236081 (4624-6) Spare Cartridge for **236350**		**$38.95 H**

Marpac Livewell Pumps



Marpac Livewell Pumps - Cartridge Type
Made with an exclusive anti-airlock feature that keeps the water flowing, these easy to install Livewell pumps have a removable Powerhead design. Just lift a tab and remove the motor to clean. The extended life water cooled motor has a high grade 316 stainless steel shaft. The pump's tough thermoplastic housing resists heat and stress. A lightweight glass resin composite impeller resists breakage. Both Livewell pumps come with 3/4" straight and omni-directional 90° hose barbs. Made in the USA. 12 volt.

7-2216	750 GPH	In-line	**$38.95 F 3Q**
7-2214	750 GPH	90°	**$38.95 F 3Q**
7-2218	750 GPH	Replacement Cartridge	**$24.95 F 3Q**

Shurflo Aerator Pumps



SHURflo

Shurflo Straight
Port Aerator Pump - 600 GPH

Tough, high density nylon housing and heavy duty water cooled motor. Patented anti-airlock feature allows the pump to clear trapped air in rough water or when the boat is anchored. The dual port fitting allows for easy washdown pump connections. Removable cartridge for easy cleaning. Includes 6" tinned wire assembly. 3/4" ports. 12 volt. 1.8 max. amps.

353110 (357-012-10) **$41.95 F**

SHURflo



353115

Shurflo Angled
Port Aerator Pump - 600 GPH

Tough, high density nylon housing and heavy duty water cooled motor. Patented anti-airlock feature allows the pump to clear trapped air in rough water or when the boat is anchored. The dual port fitting allows for easy washdown pump connections. Removable cartridge for easy cleaning. Includes 6" tinned wire assembly. 3/4" ports. 12 volt. 1.8 max. amps.

353112 (357-014-10) **$39.95 F**

Shurflo Replacement Cartridge - 600 GPH

353115 (94-005-00) **$21.95 F**

SHURflo



Shurflo
Bait Sentry™ Livewell Pumps

Designed for easy installation and trouble-free operation. Has a unique magnetically-driven impeller. There are no parts mechanically connected. The mag-drive pump can ingest large amounts of debris without damage to the motor. If the impeller becomes locked, the motor magnet breaks free and the motor continues to run at a very low amp draw. There are no seals to burn and dry run conditions are not a problem. The Bait Sentry has a patented anti-airlock feature that automatically clears the air in the livewell system whether the boat is moving forward or sitting still.

353114	(1700-001-030) 500 GPH	3/4" Ports	**$90.95 F**
353116	(1700-011-030) 800 GPH	3/4" Ports	**$97.95 F**
353117	(1700-021-030) 1,100 GPH	3/4" Inlet/1-1/8" Outlet	**$106.95 F**

Mayfair Aerator Pumps

mayfair marine



470742



470699



470719

Mayfair Aerator Pumps - Cartridge Series

Water cooled motor housing helps to reduce damaging heat. High efficiency, low amp draw motors provide longer life. Stainless steel shafts suitable for fresh or sea water. Extra length for use in thicker transoms. Smaller profile, fits in tighter quarters. Motor cartridge can be changed in a matter of seconds. Height 4-1/2". Diameter 3-3/8". Discharge 3/4" NPS. 12V DC.

470702	(28502) 500 GPH	In-line	**$36.95 F**
470714	(38502) 500 GPH	90°	**$36.95 F**
470699	(28702) 750 GPH	In-line	**$41.95 F**
470719	(38702) 750 GPH	90°	**$41.95 F**
470738	(28572) Spare Cartridge for **470699** & **470719**		**$27.95 F**
470742	(38771) 750 GPH	Ranger Style	**$54.95 F**
470743	(28572) Spare Cartridge for **470742**		**$41.95 F**



Johnson Twin Port Cartridge Type Livewell Pumps

Maximum intake pressure: 50 PSI. Run dry capability. Anti-airlock - internal fins. 316 stainless steel shaft and hardware material. ABS high impact thermoplastic housing. Glass filled polypropylene intake. Two outlet ports: Upper port - 3/4" NPT Male "Dura-Port", 1-1/8" hose barb. Lower port - 1/2" NPT Female. Port adapters: Upper port - straight 3/4" "Dura-Port" hose barb. 90 degree 3/4" "Dura-Port" hose. Barb: Lower port - 1/2" NPT male plug, 1/2" NPT male x 3/4" NPT male. Intake Port: 3/4" NPT male, 1" long.

470839	(48703) 750 GPH	**$41.95 F**
470853	(48103) 1,250 GPH	**$57.95 F**

Marpac Baitwell Pump



Marpac Baitwell Pump
Quiet operation. Smooth flowing. Self priming. Open flow of 300 GPH. Suited for offshore applications. 50% more capacity than comparable baitwell pumps. Low power consumption. Quick disconnect fittings 1/2" NPT, 3/4" hose, 3/4" garden hose. 5.0 GPM. 12 volt.

7-0439 **$140.95 F 3Q**

Flojet General Purpose Pump



Flojet Bait Tank and General Purpose Pump – Quad II
Used for: Diesel fuel transfer, liquid transfer jobs, dockside pumping, dewatering or circulation and engine oil changing. Designed with heavy duty ball bearings, thermal overload protection and a continuous duty motor for long life. Fitted with oil resistant elastomers. Runs dry without damage to the pump. Self-priming up to 10 feet. Soft, noise absorbing mounts. Intermittent duty. Can be mounted above the waterline. Includes quick-connect plug-in ports for easy installation. Includes: (2) 3/4" hose barb ports and (2) garden hose ports and a 3/4" inlet strainer. 3.3 GPM. 12 volt. Dimensions: 3.75" H x 6.3" W x 8.2" L.

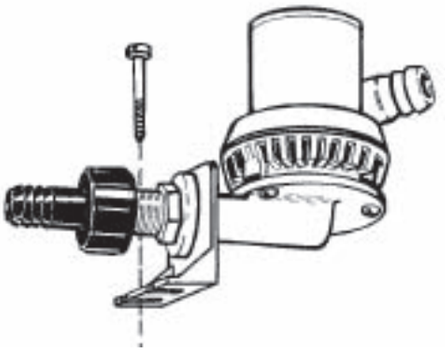
352574 (4105-501) **$135.95 F**

Shurflo Livewell/Washdown Pump



Shurflo Pro Baitmaster Livewell/Washdown Pump
Shurflo Pro Baitmaster is best suited for continuous duty livewell or washdown applications in harsh environments. The SHURcote II seamless motor shell protects the pump from splashed liquids and switches are sealed against water damage. These rugged self-priming pumps deliver high lift, can run dry without damage, and won't overheat with extended use. Run dry capability. Continuous duty. Self priming. Thermally protected. SHURcote II seamless motor. Splash proof. Sealed switch. Ignition protected. 35 gallon and under tank. 4.0 GPM. 12 volt. Max Amps 8.5. 45 PSI.

353184 (4901-6212) **$252.95 F**



T-H Marine Aerator Pump Bracket
This molded ABS plastic pump support bracket is designed for mounting thru-hull pump in bilge area so that a pump can be used in a livewell system. The angle bracket is used to mount a pump on flat surface. 90°.

236376 (PB-90) **$4.95 H**



T-H Marine Fish 02 Oxygen Generation System
Safe, reliable system that takes outside air and filters it to produce 90% pure oxygen to your livewell or bait tank. The oxygen is introduced into the livewell through the recirculation pump system & T-H Marine's Max Air venturi fitting or through a simple air diffuser. Salt water and fresh water applications. Low pressure system. No oxygen tanks to refill. No electrolysis that can shock fish or create dangerous chemicals. Safely super-oxygenates the water in your bait tank to keep fish healthy. Can be mounted in any type of boat or used with portable bait tanks. Recirculation System Kit includes Recirc pump, Max Air Venturi and hose. Diffuser Kit includes Air Diffuser and hose.

641490 (FISH02-1) Recirculation System Kit - 1 Ltr. **$999.95 H**

AERATION, LIVEWELL

Rule Gentle-Flow Oxygenator



Rule Gentle-Flow Oxygenator - 700 GPH

Produces millions of micro-fine bubbles with patented infusor technology. Directional discharge. Flexible installations for most custom tanks. Flow control with "Air Control" center. Removable cartridge motor for quick replacement. Kit comes complete with a pump, directional discharge, intake strainer, hose and intake valve. Port: 3/4" hose barb. Ideal for 25 lbs. of bait. 12V DC.

581865 (255) **$109.95 F**

Rule Portable Aerator Kit



Rule Portable Aerator Kit

Aerates from 5 to 30 gallons of water. Attaches easily with suction cups to any non-porus surface. 9" long spray tube can be custom cut to fit into any container. A fully adjustable spray head increases or reduces flow of water. Foam filtration system keeps water sparkling clean. The kit also includes battery clips for easy attachment to your 12 volt power source. 460 GPH. 12V DC.

581896 (202K) **$35.95 E**

Mayfair Ice Chest Aerator Kit



Mayfair Ice Chest Aerator Kit

Convert any good sized chest into your own livewell and keep bait or your catch in vastly improved condition. Kit includes a powerful 12 volt pump, hose, spray bar, press-on clamp and clear cut instructions. 5 minute conversion.

470752 (24052) **$33.95 F**

T-H Marine Water Pickups



T-H Marine EZ-Pump™ Advanced Water Pickups

Fills and aerates live wells while underway. Mounts over pump intake. Eliminates pump air lock. Built in screen.

247617	(EZ-BLK-1)	Length 4-3/4"	Black	**$19.95 H**
247619	(EZ-WHT-1)	Length 4-3/4"	White	**$19.95 H**
247618	(EZ-BLK-3)	Length 2-1/4"	Black	**$18.95 H**
247620	(EZ-WHT-3)	Length 2-1/4"	White	**$19.95 H**



T-H Marine Hydro-Flo Pickup System

Designed to provide fresh-oxygen rich water for your livewell or baitwell without the use of pumps. This system simply picks up fresh water through a specially designed molded water pick-up mounted on the transom and carried to the special aerator head mounted in the livewell or baitwell. The amount of water flowing into the livewell or baitwell is controlled by a valve provided on the spray head. Mounted to the transom then the tubing is routed to the livewell/baitwell through the existing cable boot. The aerator head is installed in the livewell/baitwell and the tubing attached. The Hydro-Flo System requires an adequate overflow system in livewell to prevent overfilling. The system uses 3/8" I.D. tubing throughout.

237241 (WPS-1P) Molded - Single Well **$41.95 H**

AERATION, LIVEWELL

T-H Marine Pro-Air System



T-H Marine Pro-Air System

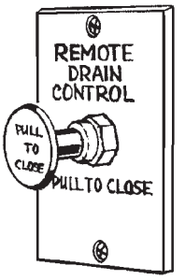
The Pro-Air System air pump has advanced design features that are engineered under rigid quality control conditions to insure long lasting dependable oxygen rich air source to your livewell or baitwell. Comes complete with pump, two air stone mounts, two air stones, switch panel and 20 feet of air line tubing. For 12 volt applications.

641503 (PAS-1) **$76.95 H**

641504 (PAP-1) Pump Only **$82.95 H**

T-H Marine Remote Drain Control Kit





T-H Marine Remote Drain Control Kit

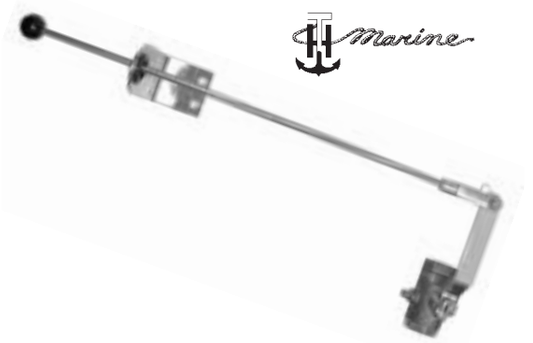
Eliminates the problem of plugging and unplugging drain while fishing. The control cable has a stainless steel slide wire, plastic outer jacket, molded plastic threaded barrel with brass nut, 8-1/2' long, with black matte finished knob. Fits 3/4" ID hose. Flat panel/push-pull cable/cable hook-up is parallel to hose/in-line valve.

641404 (RDC-1) Control Panel: Flat Panel **$59.95 H**

641329 (RDCF-1) Control Panel: Flush Mount **$59.95 H**

641438 (RDV-2) Replacement Valve Only **$27.95 H**

T-H Marine Seacock Arm



T-H Marine Seacock Arm with Mounting Bracket

641313 (SEACOCK-18.5) **$38.95 H**

T-H Marine Remote Diverter Valve





T-H Marine Remote Diverter Valve

Diverts water to two systems from one pump. Control two systems from cockpit. Fits 3/4" hose. Flat push-pull control panel. Functions: Baitwell/washdown.

641488 (DV-1) Kit **$77.95 H**

641489 (DVO-1) Valve Only **$41.95 H**

Livewell Lights



Marpac Waterproof Courtesy/Livewell Light

Totally waterproof light that can mount underwater and many other areas. 12 volt.

7-0083 **$13.95 F 3Q**



T-H Marine Mini L.E.D. Livewell Light

Bright LED light. Fits 5/8" hole. Waterproof design.

641660 (LWLM-1PLED) **$9.95 H**



Marpac L.E.D. Courtesy Light

Single LED diode accent lights provide as much light output as a conventional 12 volt incandescent bulb. Draws at least 10 times less power than incandescents. Completely sealed for use in livewells. Perfect for accent lighting and as a courtesy light for bulkhead, steps and walkways. Requires 7/8" diameter hole for mounting.

7-0078 **$12.95 F**

AERATION, LIVEWELL

Aerator Heads



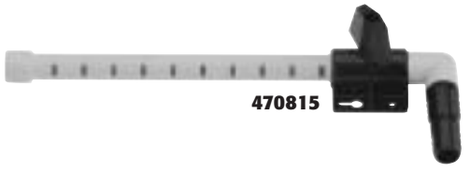
T-H Marine Directional Aerator Heads

Great for saltwater baitwells. Creates circular current. Maximum wall thickness 5/8". Comes with 90° fitting.

641591 (DAHIK-118-DP) 1-1/8" **$7.95 H**
641589 (DAHIK-750-DP) 3/4" **$7.95 H**

MAYFAIR

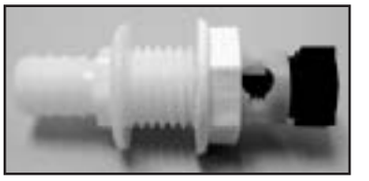




Mayfair Spray Head Assemblies

Overall length 13". 3/4" thru hull. One shut-off valve. Sold each.
470827 (9019-1) **$17.95 F**

Overall length 10-1/2". 3/4" barb. One shut-off valve with mounting bracket. Sold each.
470815 (9068-1) **$17.95 F**



T-H Marine Aerator Heads with Shut-Off Valve

Aerator heads with shut-off valve. Single nut-fixed flange. Hose ID 3/4". Mounting hole diameter 1-1/16". O-rings for no leaks. Sold each per skin packed card. Standard pack 12.

641541 (AHV-2) Max. Wall Thick. 3/4" White Straight **$7.95 H**
641553 (AHV-92) Max. Wall Thick. 5/8" White 90° **$7.95 H**
641540 (AHV-1) Max. Wall Thick. 3/8" Black Straight **$9.95 H**

Aerator heads with shut-off valve. Screw on valve. Hose ID 1-1/8". Mounting hole diameter 1-1/4". Sold each per skin packed card. Standard pack 12.

641565 (AHV-1890) Max. Wall Thick. 3/4" White 90° **$10.95 H**
641577 (AHV-1200) Max. Wall Thick. 1-5/8" White Straight **$10.95 H**
640108 (AHV-90) Max. Wall Thick. 3/4" Black 90° **$9.95 H**



T-H Marine Aerator Spray Heads without Shut-Off Valve

Aerator head without shut-off valve. Fixed flange. Hose ID 3/4". Mounting hole diameter 1-1/16". O-rings for no leaks. White. Sold each per skin packed card. Standard pack 12.

641553 (AH-92) Max. Wall Thick. 5/8" White 90° **$7.95 H**
641538 (AH-1) Max. Wall Thick. 3/8" Black Straight **$4.95 H**

MPI Products Series 120 Standard Bilge Hose



MPI Products Series 120 Standard Bilge Hose

Heavy corrugated polyethylene hose provides outstanding flexibility. Resists oily bilge acids and sea water. Ideal for electric and manual bilge pumps and livewell aerators. Custom molded cuffs provide proper clamping. Black. 50' box.

770633 (120-0586) 5/8" Black **$39.95 L**
770657 (120-0346) 3/4" Black **$43.95 L**
770671 (120-1186) 1-1/8" Black **$52.95 L**
770683 (120-1146) 1-1/4" Black **$65.95 L**
770708 (120-1126) 1-1/2" Black **$94.95 L**
770645 (120-0341) 3/4" x 6' Black Sold Per Poly Bag **$6.95 L**
770669 (120-1181) 1-1/8" x 6' Black Sold Per Poly Bag **$7.95 L**
770544 (121-0346) 3/4 White **$43.95 L**
770556 (121-1186) 1-1/4 White **$52.95 L**
770568 (121-1126) 1-1/2 White **$94.95 L**

AERATION, LIVEWELL

T-H Marine Aeration and Livewell Accessories



T-H Marine Automatic Aerator Control - 10 amp

Provides a source of oxygen-rich water to your live well automatically. This unit features a solid-state timer with adjustable off times to adjust to varying conditions. Easily adaptable to existing systems. Requires a 3" diameter round hole or a 2-1/2" square hole for mounting. Simply connect wiring according to instructions provided. Front panel is 3-1/4" x 3-1/4" and requires only 3" behind panel. Fully potted to be waterproof. Sold each per skin packed card. Standard pack 6.

641678 (AAC-1) **$73.95 H**



T-H Marine Max-Air™ Livewell Venturi

The venturi system draws fresh air from outside the livewell and injects tiny air bubbles into the water flowing into the livewell. The reduced restriction of this fitting allows more water to flow from the pump than traditional spray heads. This fitting works well on fresh water intake or recirculation systems. The face plate inlet can be mounted anywhere above the waterline. Includes: Venturi, face plate and 6' tubing. Sold each.

641527 (MAV-2KT) **$16.95 H**



T-H Marine Stainless Steel Wire Mesh Strainers

These screw-on stainless steel wire mesh strainers are designed to provide effective, dependable protection against trash or fish scales which could clog drains in bait wells or pump impellers in aeration systems. Made from formed stainless steel wire mesh cloth and then molded into a black PVC base with internal threads.

641642 (AS-1) 3/4" **$8.95 H**
640088 (AS-2) 1" **$8.95 H**

Thru-Hull (THSM-1) and **641642** (AS-1) Screen Strainer - Kit.
641869 (THSM-1KIT-DP) **$11.95 H**



T-H Marine Overflow Drain Tubes

Feature a tough, flexible vinyl plastic end with a standpipe of white PVC tubing. To use simply insert vinyl end into the opening of thru-hull fitting. To drain livewell or baitwell, simply remove. 7/8" OD tube. Sold each per skin packed card. Standard pack 12.

641387	(ODT-1)	Fits 1-1/8" Drain - Straight	Length 12"	**$8.95 H**
641388	(ODT-190)	Fits 1-1/8" Drain - 90°	Length 12"	**$9.95 H**
641399	(ODT-2)	Fits 1-1/2" Drain - Straight	Length 18"	**$23.95 H**
641386	(ODTS-1)	Filter Screen for ODT-1, ODT-190		**$2.95 H**
641390	(ODTS-2)	Filter Screen for ODT-2		**$4.95 H**



T-H Marine Aerator Filter

Installs with three screws over intake for aerator pump. Molded black plastic. It prevents foreign matter from clogging pump. Sold each per skin packed card. Standard pack 12.

641604 (AF-1) **$4.95 H**



T-H Marine Baitwell Filter with Mount

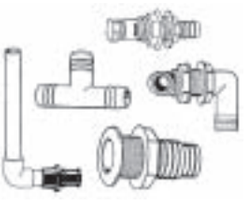
This baitwell filter installs with the overflow fitting on baitwells to prevent bait fish being lost. Molded black plastic. Designed to fit either 1-1/8" or 1-1/2" diameter thru-hull fittings. Sold each per skin packed card. Standard pack 12.

641680 (BWF-1) **$7.95 H**

T-H Marine Bait Tank and Plumbing Kit

This system includes aeration, directional flow, overflow drain and complete drain accessories. The kit contains the following T-H Marine products: ODT-190 90° overflow drain tube and TH-1202 5/8" - 1 1/4" thru-hull for overflow control, drain plugging and well draining; AHV-2 valved aeration head for pumping in fresh water; DAH-90 directional aerator head for current creation; and "TEE 3/4" tee to connect both aerator heads to aerator pump.

236388 (BWK-2) **$27.95 H**



Aeration and Livewell Accessories



T-H Marine Directional Livewell Fill Fittings

Protects delicate bait. Provides directional current. 90° design. Allos full flow from pump. 3/4" barb.

642188 (TH-DFR7590) Black **$17.95 H**
642190 (TH-DFR7592) White **$17.95 H**



T-H Marine Push-In Plugs for Drains

This push plug is used to stop water flow through drains from baitwell or livewell. Plug works great with T-H Marine overflow drain tubes. This black injection-molded push plug features a large ring for easy removal. It also has a double ring seal.

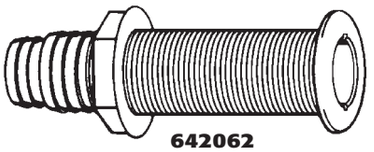
641426 (PP-150) For 1-1/2" Thru-Hull Drains **$10.95 H**
641507 (PP-118) For 1-1/8" Thru-Hull Drains **$5.95 H**



Marpac Thru-Hull Connectors

Molded plastic. **Note:** Thru-hulls for hose are not recommended for use below the waterline.

7-0357	Hose ID 1/2"	White	**$3.95 F 3Q**
7-0358	Hose ID 5/8"	White	**$3.95 F 3Q**
7-0359	Hose ID 3/4"	White	**$3.95 F 3Q**
7-0359S	Hose ID 3/4"	White (Bucket of 24)	**$60.72 C**
7-0360	Hose ID 1"	White	**$3.95 F 3Q**
7-0363	Hose ID 1-1/8"	White	**$4.95 F 3Q**
7-0365	Hose ID 1-1/2"	White	**$6.95 F 3Q**
7-0354	Hose ID 3/4"	Black	**$2.95 F 3Q**
7-0356	Hose ID 1-1/8"	Black	**$3.95 F 3Q**



642062



642024

T-H Marine

Plastic Thru-Hull Connectors – Extended Length

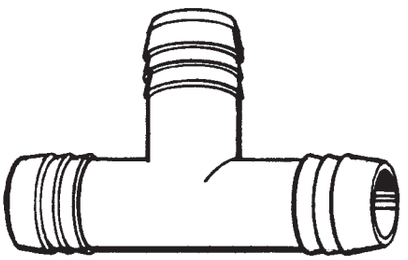
Made of the highest quality virgin material to insure consistent size, extra durability and attractive appearance. White. Sold each per skin packed card. Standard pack 12.

Hose ID 1-1/2". Length 3-1/4". Maximum hull thickness 1-1/4". Flange diameter 2-7/8"
641414 (TH-1502) **$4.95 H**

Hose ID 3/4". Length 4-1/2". Maximum hull thickness 2". Flange diameter 1-3/4"
642024 (TH-752XL) **$4.95 H**

Hose ID 1-1/8" and 1-1/4". Length 3-3/8". Maximum hull thickness 3-1/8". Flange diameter 1-7/8"
642062 (TH-1202XL) **$5.95 H**

Hose ID 1-1/2". Length 5-3/8". Maximum hull thickness 3-1/4". Flange diameter 2-7/8"
641427 (TH-1502XL) **$9.95 H**



T-H Marine Plumbing Tee

641375 (TEE-3/4) 3 Way, 3/4" Hose ID **$1.95 H**

Teleflex No-Feedback Steering Systems





Consist of:

- (1) **7-0250** Steering Wheel - Destroyer Type (Ships Separately, Not Part of Teleflex Kit) **$54.95 H**
- (1) **836666** (SH-4910P) No-Feedback 4.2 Single Helm **$134.95 Q**
- (1) **836811** (SB-27150P) 90° Bezel **$18.95 Q**
- (1) SSC-62 Quick-Connect Cable

835605 14' System	**$264.95 Q**	**835606** 16' System	**$264.95 Q**	**835608** 20' System	**$264.95 Q**
		835607 18' System	**$264.95 Q**		

Teleflex SS-132 No-Feedback Safe-T II Steering Systems



SS-132 No-Feedback Safe-T II Steering System Features:

- Compact but rugged patented No-Feedback version of the most popular marine steering system in history. Direct replacement for all Safe-T systems.
- Available in single cable version, 3 turn response, perfect for boat speeds up to 50 m.p.h. where quick response is desired.

Consist of:

- (1) **836621** (SH-5150P) No-Feedback Safe-T II Single Helm **$133.95 Q**
- (1) **836811** (SB-27150P) 90° Bezel **$18.95 Q**
- (1) SSC-62 Quick-Connect Cable

835101 10' System	**$232.95 Q**	**835138** 13' System	**$232.95 Q**	**835175** 17' System	**$232.95 Q**
835113 11' System	**$232.95 Q**	**835147** 14' System	**$232.95 Q**	**835187** 18' System	**$232.95 Q**
835126 12' System	**$232.95 Q**	**835153** 15' System	**$232.95 Q**	**835202** 20' System	**$232.95 Q**
		835163 16' System	**$232.95 Q**		

Teleflex SS-147 and SS-148 No-Feedback Rotary Steering Systems



SS-147 No-Feedback Rotary Steering Systems Features:

- Patented No-Feedback feature in a rugged 4.2 turns lock-to-lock system…has the highest mechanical advantage of any rotary cable system available, giving you welcomed added muscle at the wheel.
- Single system recommended for horsepower above 115.
- Boats up to 24', steering wheels up to 16".

Consist of:

- (1) **836666** (SH-4910P) No-Feedback 4.2 Single Helm **$134.95 Q**
- (1) **836811** (SB-27150P) 90° Bezel **$18.95 Q**
- (1) SSC-62 Quick-Connect Cable

835504 10' System	**$251.95 Q**	**835542** 14' System	**$251.95 Q**	**835578** 17' System	**$251.95 Q**
835528 12' System	**$251.95 Q**	**835554** 15' System	**$251.95 Q**	**835580** 18' System	**$251.95 Q**
835530 13' System	**$251.95 Q**	**835566** 16' System	**$251.95 Q**	**835592** 20' System	**$251.95 Q**



SS-148 No-Feedback Rotary Steering Systems Features:

- Patented No-Feedback feature in a rugged 4.2 turns lock-to-lock system…has the highest mechanical advantage of any rotary cable system available, giving you welcomed added muscle at the wheel.
- Boats up to 24', steering wheels up to 16".
- Dual system recommended for speeds above 50 m.p.h. where removal of motion from system is desired to help control engine flutter.

Consist of:

- (1) **836671** (SH-4920P) No-Feedback 4.2 Dual Helm **$260.95 Q**
- (1) **836811** (SB-27150P) 90° Bezel **$18.95 Q**
- (2) SSC-62 Quick-Connect Cables

835720 12' Dual System	**$512.95 Q**			**835756** 15' Dual System	**$527.95 Q**
835732 13' Dual System	**$517.95 Q**	**835744** 14' Dual System	**$552.95 Q**	**835768** 16' Dual System	**$532.95 Q**

Teleflex SS-157 No-Feedback Tilt Steering Systems



Teleflex® MARINE

SS-157 No-Feedback Tilt Steering Systems Features:

- 5 adjustment positions in 12° increments.
- Attractive, rugged design.
- Standard 3/4" tapered steering shaft.

NEW ITEM

Consist of:

- (1) SH-91526P Tilt Helm
- (1) SH-91599P Tilt Mechanism
- (1) SSC-62 Quick-Connect Cables

		836203 14' System	**$299.95 Q**		
836200 11' System	**$299.95 Q**	**836204** 15' System	**$299.95 Q**	**836207** 18' System	**$299.95 Q**
836201 12' System	**$299.95 Q**	**836205** 16' System	**$299.95 Q**	**836208** 19' System	**$299.95 Q**
836202 13' System	**$299.95 Q**	**836206** 17' System	**$299.95 Q**	**836209** 20' System	**$299.95 Q**

Marpac Rotary Steering Systems for Saltwater

- Exclusively packaged by Teleflex for Marpac.
- Patent Pending 316 non-magnetic stainless steel bezel to compliment stainless steel wheels.
- The Teleflex Quick Connect (QC) cable for fast and easy snap-in Quick Connect cable connection.
- Quick response of 3 turns lock-to-lock.
- Stainless steel cable end construction for durability in the marine environment.
- Basic kit includes: Stainless steel bezel, helm and cable.
- Limited 2 year warranty.

First of its kind, designed for the Saltwater Environment





Basic Saltwater Steering Kits: Prepackaged with Marpac Stainless Steel Bezel

7-7710	10' System	**$163.95 E**	**7-7715**	15' System	**$163.95 E**
7-7711	11' System	**$163.95 E**	**7-7716**	16' System	**$163.95 E**
7-7712	12' System	**$163.95 E**	**7-7718**	18' System	**$163.95 E**
7-7713	13' System	**$163.95 E**	**7-7720**	20' System	**$163.95 E**
7-7714	14' System	**$163.95 E**			

Saltwater Steering Kits: Includes 13-1/2" Steering Wheel, S/S Destroyer Type with Knob

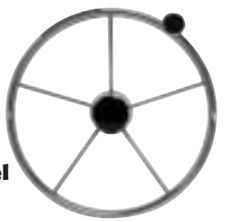
(Ships separately from Basic Kit)

7-7740	10' System	**$220.95 E**	**7-7745**	15' System	**$220.95 E**
7-7741	11' System	**$220.95 E**	**7-7746**	16' System	**$220.95 E**
7-7742	12' System	**$220.95 E**	**7-7748**	18' System	**$220.95 E**
7-7743	13' System	**$220.95 E**	**7-7750**	20' System	**$220.95 E**
7-7744	14' System	**$220.95 E**			

Saltwater Steering Kits: Includes 15-1/2" Steering Wheel, S/S Destroyer Type with Knob

(Ships separately from Basic Kit)

7-7770	10' System	**$221.95 E**	**7-7775**	15' System	**$221.95 E**
7-7771	11' System	**$221.95 E**	**7-7776**	16' System	**$221.95 E**
7-7772	12' System	**$221.95 E**	**7-7778**	18' System	**$221.95 E**
7-7773	13' System	**$221.95 E**	**7-7780**	20' System	**$221.95 E**
7-7774	14' System	**$221.95 E**			



Power Wheel for Kits

Marpacages Quick Connect Steering Packages with Marpac Steering Wheel

834985	8' System	**$181.95 Q**
834986	9' System	**$181.95 Q**
834987	10' System	**$181.95 Q**
834988	11' System	**$181.95 Q**
834989	12' System	**$181.95 Q**
834990	13' System	**$181.95 Q**
834991	14' System	**$181.95 Q**
834992	15' System	**$181.95 Q**
834993	16' System	**$181.95 Q**
834994	17' System	**$181.95 Q**
834995	18' System	**$181.95 Q**
834996	20' System	**$181.95 Q**

Marpac Steering Wheel ships separate from Teleflex Box (Not part of Teleflex Kit).





Marpacages Safe-T NFB Steering Packages with S/S Steering Wheel

835205	10' System	**$280.95 Q**
835206	11' System	**$280.95 Q**
835207	12' System	**$280.95 Q**
835208	13' System	**$280.95 Q**
835209	14' System	**$280.95 Q**
835210	15' System	**$280.95 Q**
835211	16' System	**$280.95 Q**
835212	17' System	**$280.95 Q**
835213	18' System	**$280.95 Q**
835214	20' System	**$280.95 Q**

Marpac S/S Steering Wheel - Destroyer Type ships separate from Teleflex Items (Not part of Teleflex Kit).





Teleflex SS-137 Safe-T Quick-Connect Steering Systems



SS-137 Safe-T Quick-Connect Steering Systems Features:

- Compact, lightweight, rugged rotary helm • Patented, No-tools-required cable connection.
- 3 turns lock-to-lock.
- Standard 3/4" tapered shaft.
- Stainless steel telescopic ram.
- Exceeds NMMA Certification Requirements and ABYC Standards.
- Fits boats up to 24', steering wheels up to 16".

Consist of:

- (1) **836555** (SH-5094P) Safe-T Quick-Connect Single Helm **$71.95 Q**
- (1) **836859** (SB-27484) Safe-T Quick-Connect Bezel – 90° **$18.95 Q**
- (1) SSC-62 Quick-Connect Steering Cable

		834893 12' System	**$172.95 Q**				
834855 8' System	**$172.95 Q**	**834906** 13' System	**$172.95 Q**	**834944** 17' System	**$172.95 Q**		
834867 9' System	**$172.95 Q**	**834918** 14' System	**$172.95 Q**	**834956** 18' System	**$172.95 Q**		
834879 10' System	**$172.95 Q**	**834920** 15' System	**$172.95 Q**	**834968** 19' System	**$172.95 Q**		
834881 11' System	**$172.95 Q**	**834932** 16' System	**$172.95 Q**	**834970** 20' System	**$172.95 Q**		

Teleflex SSC-62 QC-II Steering Cable Assemblies



SSC-62 Cable

QC-II Steering Cable Assemblies Features:

- Now one cable fits most Teleflex rotary systems from 1968 to present.
- Reduces inventory requirements and the need to stock complete kits for steering service.

838089 8' Cable	**$113.95 Q**					**838221** 22' Cable	**$176.95 Q**
838093 9' Cable	**$113.95 Q**	**838156** 15' Cable	**$113.95 Q**			**838245** 24' Cable	**$183.95 Q**
838106 10' Cable	**$113.95 Q**	**838168** 16' Cable	**$113.95 Q**			**838269** 26' Cable	**$192.95 Q**
838118 11' Cable	**$113.95 Q**	**838170** 17' Cable	**$113.95 Q**			**838283** 28' Cable	**$206.95 Q**
838120 12' Cable	**$113.95 Q**	**838182** 18' Cable	**$113.95 Q**			**838307** 30' Cable	**$219.95 Q**
838132 13' Cable	**$113.95 Q**	**838194** 19' Cable	**$113.95 Q**			**838347** 34' Cable	**$251.95 Q**
838144 14' Cable	**$113.95 Q**	**838207** 20' Cable	**$113.95 Q**			**838409** 40' Cable	**$300.95 Q**



Teleflex QC-11 Converter

Upgrades older Teleflex rotary helms to quick-connect cable interface. For helms with threaded spigots.

838032 (SA-27620P) **$18.95 Q**

Teleflex SS-151 Rack & Pinion No-Feedback Steering Systems

Teleflex MARINE



SS-151 Rack & Pinion No-Feedback Steering Systems Features:

- Patented No-Feedback technology in our new backmount rack and pinion system.
- 4 turns lock-to-lock NFB feature means wheel loads are locked out until you turn the wheel.
- Direct replacement for most older rack systems (no drilling).

Consist of:

- (1) **836592** (SH-5230P) No-Feedback Rack Single Helm **$146.95 Q**
- (1) **836809** (SB-39526P) Rack No-Feedback Bezel – 90° **$18.95 Q**
- (1) SSC-134 Rack Single Cable

835910 11' System	**$263.95 Q**	**835946** 14' System	**$259.95 Q**	**835972** 17' System	**$280.95 Q**
835922 12' System	**$265.95 Q**	**835958** 15' System	**$262.95 Q**	**835984** 18' System	**$283.95 Q**
835934 13' System	**$256.95 Q**	**835960** 16' System	**$264.95 Q**	**836001** 20' System	**$289.95 Q**

Teleflex SS-152 NFB Pro Rack Steering Systems - Dual Cable

Teleflex MARINE



SS-152 NFB Pro Rack Steering Systems Features:

- Patented No-Feedback feature in a dual rack and pinion allows removal of most engine flutter from lost motion.
- Recommended for most high performance outboards with 115 HP or larger outboards capable of top speeds in excess of 50 m.p.h.

Consist of:

- (1) **836592** (SH-5230P) No-Feedback Rack Single/Twin Helm **$146.95 Q**
- (1) **836809** (SB-39526P)Rack No-Feedback Bezel – 90° **$18.95 Q**
- (1) SSC-135 Rack Dual Cable

836127 12' System	**$492.95 Q**	**836141** 14' System	**$502.95 Q**	**836165** 16' System	**$537.95 Q**
836139 13' System	**$497.95 Q**	**836153** 15' System	**$532.95 Q**		

Teleflex SSC-135 Dual Cable Replacement

838562 12' Cable	**$353.95 Q**			**838598** 15' Cable	**$369.95 Q**
838574 13' Cable	**$358.95 Q**	**838586** 14' Cable	**$364.95 Q**	**838602** 16' Cable	**$374.95 Q**

Teleflex SS-141 Backmount Rack Steering Systems



SS-141 Backmount Rack Steering Systems Features:

- Direct replacement for most older rack systems (no drilling).
- Precision rack and pinion steering.
- Pre-assembled rack and cable.
- 4 turns lock-to-lock.
- Standard 3/4" tapered shaft.
- Stainless steel telescopic ram.
- Exceeds NMMA Certification Requirements and ABYC Standards.
- Fits boats up to 24', steering wheels up to 16".

Consist of:

- (1) **836520** (SH-5210P) Back Mount Rack Single Helm **$60.95 Q**
- (1) **836809** (SB-39526P) Back Mount Bezel – 90° **$18.95 Q**
- (1) SSC-134 Back Mount Rack Single Cable

834689 8' System	**$172.95 Q**				**834754** 15' System	**$172.95 Q**
834691 9' System	**$172.95 Q**	**834728** 12' System	**$172.95 Q**		**834766** 16' System	**$172.95 Q**
834704 10' System	**$172.95 Q**	**834730** 13' System	**$172.95 Q**		**834778** 17' System	**$172.95 Q**
834716 11' System	**$172.95 Q**	**834742** 14' System	**$172.95 Q**		**834780** 18' System	**$172.95 Q**

Teleflex SSC-134 Backmount Rack Steering Replacement Cables

SSC-134 Single Cable Replacement



838411 10' Cable	**$156.95 Q**			**838461** 15' Cable	**$137.95 Q**
838423 11' Cable	**$136.95 Q**			**838473** 16' Cable	**$139.95 Q**
838435 12' Cable	**$129.95 Q**			**838485** 17' Cable	**$142.95 Q**
838447 13' Cable	**$132.95 Q**			**838497** 18' Cable	**$144.95 Q**
838459 14' Cable	**$134.95 Q**			**838500** 20' Cable	**$176.95 Q**

Teleflex SSC-124 Replacement Cables

For Old Style "The Rack" Rack and Pinion Steering System



837457 9' Cable	**$122.95 Q**			**837501** 14' Cable	**$122.95 Q**
837469 10' Cable	**$122.95 Q**			**837510** 15' Cable	**$122.95 Q**
837471 11' Cable	**$122.95 Q**			**837522** 16' Cable	**$122.95 Q**
837483 12' Cable	**$122.95 Q**			**837534** 17' Cable	**$122.95 Q**
837495 13' Cable	**$122.95 Q**			**837546** 18' Cable	**$122.95 Q**

Teleflex SSC-219 Jet Boat Steering Cable Assemblies

Teleflex JBS is recommended for use in all jet boat applications powered by Mercury Sport Jet or OMC Turbo Jet drives up to 175 HP.



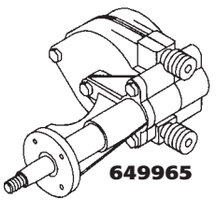
		837572 11' Cable	**$111.95 Q**		
837560 10' Cable	**$103.95 Q**	**837584** 12' Cable	**$120.95 Q**	**837596** 13' Cable	**$128.95 Q**

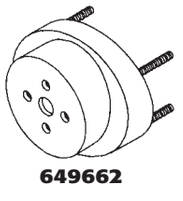
Teleflex Steering Helms



Teleflex Pro Series Tilt Steering
Preloaded dual taper bearings ensures minimal excess free play. Smooth operation and feel. Shaft seals to prevent water ingress. 48° of tilt articulation. 5 positive lock positions. Up to 3 style options. Compact footprint. Fits most styled and formed dashes. Mechanical Tilt mechanism only. Flexible rubber bellows.

836678 (SH-91800) **$154.95 Q**





Teleflex Big-T Rotary Steering Helm
The heavy duty helm unit incorporates a rugged steel pinion and diecast gears and added bearing support for the shaft. The helical-wound cable provides greater flexibility for applications such as single or dual station push-pull. 3 turns lock-to-lock for standard travel. For boats up to 34' in length using single or twin engines up to 235 HP and wheels up to 20".

649965 (SH5000P) Big-T Single Helm **$279.95 Q**
649662 (SB27265P) 90°/20° Bezel - Black **$113.95 Q**



Teleflex No-Feedback Safe-T II Steering Helm
Safe-T II is the next generation of the most popular helm in history. The patented NFB design prevents unwanted torque at the wheel in a compact 3 turn lock-to-lock response for boat speeds under 50 m.p.h. Bolts to existing Teleflex Safe-T dash cutout.

836621 (SH5150) Single Helm **$133.95 Q**
836811 (SB27150P) Bezel **$18.95 Q**



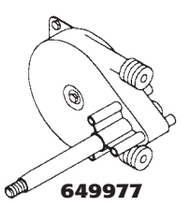
Teleflex No-Feedback 4.2 Steering Helms
The 4.2 turn lock-to-lock NFB helm features a rugged design with the highest mechanical advantage of any helm giving you welcomed added muscle in a single version.

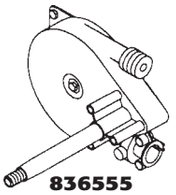
836666 (SH4910P) Single Helm **$134.95 Q**
836671 (SH4920P) Twin Helm **$260.95 Q**
836811 (SB27150P) Bezel **$18.95 Q**



Marpac Bezel for Teleflex Steering
Non-magnetic type 316 stainless steel. Upgrade your dash. Compliments stainless steel wheels.

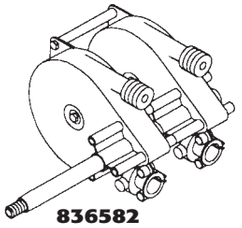
7-0249 **$33.95 F**











Teleflex Safe-T Rotary Steering Helms
Precision diecast gears driving helical-wound cable provides control with minimum lost motion. Twin cable system recommended for boats that exceed 50 m.p.h. or experience steering instability from engine flutter. Compact rotary helm unit with 3/4" tapered shaft occupies minimum space behind dashboard. 3 turns lock-to-lock for standard travel. Stainless steel cable output ends. For boats up to 24' in length using single engines and steering wheels up to 16" diameter.

649977 (SH5023P) Single Helm Safe-T "TS" **$138.95 Q**
836555 (SH5094P) Single Helm Safe-T Quick-Connect **$71.95 Q**
836582 (SH5294P) Dual Helm Safe-T Quick-Connect **$317.95 Q**
836859 (SB27484P) Safe-T Quick-Connect Bezel - 90° **$18.95 Q**
836847 (SB27483P) Safe-T Quick-Connect Bezel - 20° **$26.95 Q**



Teleflex Backmount Rack Steering Helm
4 turns lock-to-lock. Standard 3/4" tapered steering shaft.

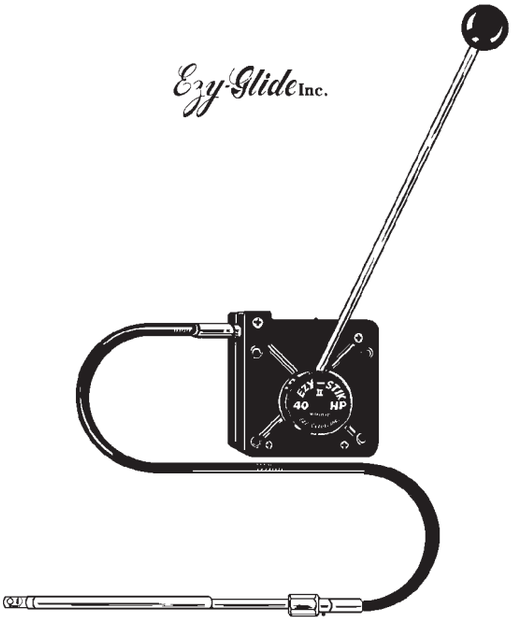
836520 (SH5210P) Single Helm **$60.95 Q**
836809 (SB39526P) Backmount Bezel - 90° **$18.95 Q**



Teleflex No-Feedback Rack Steering Helm
4 turns lock-to-lock. Standard 3/4" tapered steering shaft.

836592 (SH5230P) Single Helm **$146.95 Q**

Ezy-Glide Stick Steering



Ezy-Glide "Stik II" Stick Steering - Model 840

The Ezy-Glide "Stik II" Model 840 is a mechanical steering system designed so the operator may be positioned in the front for better visability and convenience. A one piece stainless steel drive spool along with a durable high impact housing provide a superior single lever steering platform for todays fisherman. The Ezy-Glide "Stik II" with it's slower ratio provides the added mechanical advantage needed for higher horsepower as well as 4 stroke engines. This system is rated for Outboard engines not to exceed 70 H.P. Jet Drives not to exceed 90 H.P. Total handle travel: 58"/206°. Ratio: 6.4/1.

336203	Cable Length 8'	**$331.95 H**
336215	Cable Length 9'	**$331.95 H**
336227	Cable Length 10'	**$331.95 H**
336239	Cable Length 11'	**$331.95 H**
336241	Cable Length 12'	**$331.95 H**
336253	Cable Length 13'	**$331.95 H**
336265	Cable Length 14'	**$331.95 H**
336277	Cable Length 15'	**$331.95 H**

Ezy-Glide "Stik III" Stick Steering - Model 870

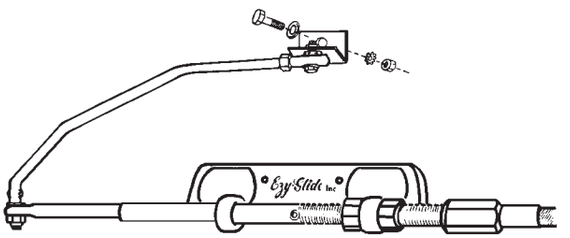
The Ezy-Stik III has incorporated many of the outstanding and time proven features of the Model 840. Such as a one piece stainless steel drive spool and reinforced composite housing. The Model 870 has been developed due to the increased demand for a system with quicker response and shorter lock-to-lock travel distance. Model 870 also has higher horsepower ratings. Not to exceed 70 HP maximum.

336279	Cable Length 10'	**$382.95 H**
336280	Cable Length 11'	**$382.95 H**
336281	Cable Length 12'	**$382.95 H**
336284	Cable Length 13'	**$382.95 H**
336285	Cable Length 14'	**$382.95 H**

Ezy-Glide Replacement Cables for "Stik II" Model 840

336660	(RC-1000)	Cable Length 10'	Cable Reach 112"	**$151.95 H**
336300	(RC-1100)	Cable Length 11'	Cable Reach 124"	**$151.95 H**
336301	(RC-1200)	Cable Length 12'	Cable Reach 136"	**$151.95 H**
336302	(RC-1300)	Cable Length 13'	Cable Reach 148"	**$151.95 H**
336661	(RC-1400)	Cable Length 14'	Cable Reach 160"	**$151.95 H**
336662	(RC-1500)	Cable Length 15'	Cable Reach 173"	**$151.95 H**

Ezy-Glide Engine Connection Kit



Ezy-Glide Universal Engine Connection Kit

For outboard engines 40 HP or less without factory tube. It is designed for salt water use. Constructed of stainless steel, brass and aluminum.

336304 (EG-LSWK) **$174.95 H 3I**

Buck-Algonquin Threaded Ball



Buck-Algonquin Threaded Ball

Stainless steel. 1/2" x 2" threaded ball with two lock nuts. Sold each in bulk.

261405 (70THDBALL) **$38.95 G**

Buck-Algonquin Swivel Socket

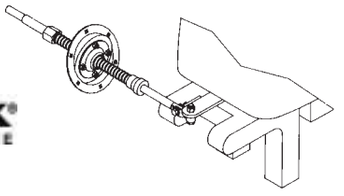


Buck-Algonquin Swivel Socket

Manganese bronze. Accommodates ball type steerers. Tapped for 3/4" pipe size. Sold each in bulk.

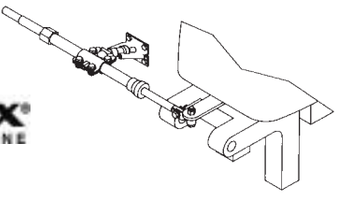
261393 (SWS-75) **$114.95 G**

Teleflex Steering Connection Kits



Teleflex Steering Connection Kits – Splashwell Mounting
This cable connection is used on boats where standard tilt tube or transom support mounting methods are precluded by a splashwell box or lack of engine tilt tube. Universal for most outboard motor installations.

649424 (SA27254P) 90° **$103.95 Q**
649410 (SA27253P) 15° **$157.95 Q**

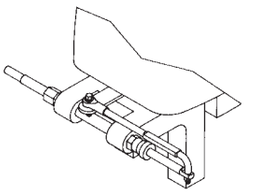


Teleflex Steering Connection Kit – Transom Support Mounting
This cable connection is used for older model outboards without tilt tubes, low HP outboards or applications where transom design interferes with standard tilt tube mounting. Universal for all inboard and most outboard motor installations. Corrosion resistant.

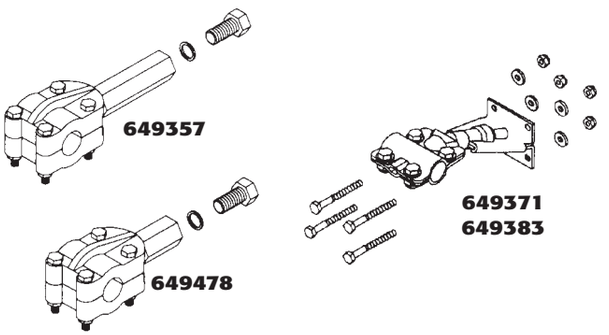
649434 (SA27256P) **$136.95 Q**

Teleflex Steering Connection Kit – Tilt Tube Mounting (Hinge Pin)
This is the most popular steering cable-to-engine connection method for outboards with an ABYC standard tilt tube. Link arm kits for outboards. Johnson/Evinrude 70 HP and up. All Mercury and Mariner, except 70 HP and V6.

649523 (SA27361P) **$75.95 Q**



Teleflex Steering Connection Components



Teleflex Clamp Block Assemblies - Outboard
649371 (SA27055P) Corrosion Resistant **$81.95 Q**
649383 (SA27149P) Stainless Steel **$122.95 Q**

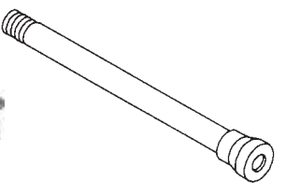
Teleflex Clamp Block Assemblies - Ski Boat Inboard
Heavy duty with black metalflake finish.

649478 (SA27578P) 2-1/4" Stand-off **$88.95 Q**
649357 (SA27579P) 4-1/2" Stand-off **$96.95 Q**



Teleflex Rod End Kit
Corrosion resistant. 3/8"-20 thread.

649460 (SA27276P) **$49.95 Q**

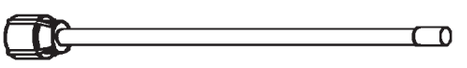


Teleflex Support Tubes
649447 (SA27274P) Aluminum **$20.95 Q**
649458 (SA27275P) Stainless Steel **$57.95 Q**



Teleflex Clevis Kit
Stainless steel. With short bolt.

649509 (SA27314P) **$35.95 Q**



Teleflex Plastic Spent Travel Tube
For Safe-T QC, Safe-T "TS" and Big-T Helms.

649547 (SA35680P) **$7.95 Q**

T & R Marine Steering and Mounting Products



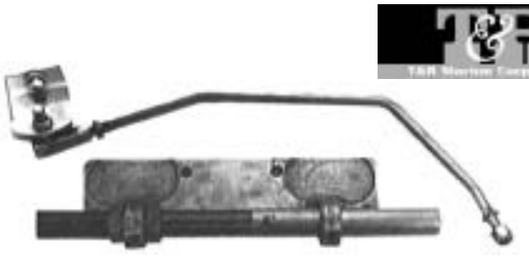
T & R Marine Steering Link Arms
Plated steel construction with adjustable ball joint and nylon lock nuts to insure vibration proof locking. Diameter 3/8".

633306 (SLA-940F) Johnson/Evinrude, 60-120 HP **$63.95 H**
633307 (SLA-950F) Mercury, 60-120 HP **$70.95 H**



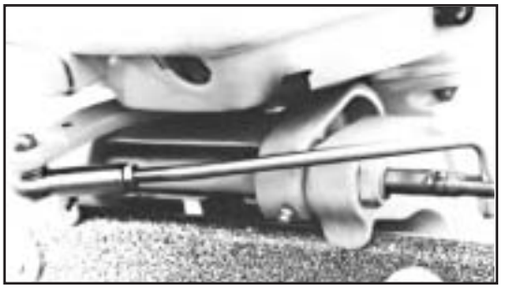
T & R Marine Super Steering Link Arm
Stainless steel construction with adjustable ball joint for centering engine. A castle nut and cotter pin prevent vibration from loosening the nut on steering rod. Johnson/Evinrude V4/V6. Diameter 1/2".

633316 (SLA-9501) **$138.95 H**



T & R Marine Steering Link Arm, Clamp Mount - Freshwater Kit
This kit fits under engine clamps and is designed to prevent motor from jumping off the transom. Also prevents damage to the transom by the clamps. All parts furnished for simple hook up. Constructed of aluminum and plated steel. Mariner 9.9, 15 HP. 1982 and newer; Suzuki 9.9, 15, 16, 25 HP. 1982 and newer; Johnson/Evinrude 9.9, 15, 25, 30, 35, 40 HP. 1977 and newer; Yamaha 9.9, 15 HP. 1984 and newer.

633607 (FWK-3475) **$152.95 H**



T & R Marine Standard Steering Link Arm
Stainless steel construction with adjustable ball joint and nylon lock nuts to insure vibration proof locking. Johnson/Evinrude and Mercury up to 100 HP. 1972 and newer. Exceeds BIA specifications. Diameter 3/8".

633304 (SLA-9000) **$101.95 H**



T & R Marine Dual Steering Connection Kits
Dual cable kit for cables installed down same side of boat (port or starboard). Steering tube is provided with grease fitting and O-ring. All parts provided for simple hook up. Stainless steel and aluminum makes these kits corrosion resistant. **Note:** Steering link arm not included in these kits.

Yamaha 115-220 HP. 1984 and newer.
634003 (OSM-3792) **$142.95 H**

Johnson/Evinrude 70-235 HP. 1977 through 1988, except 225 HP. Will not fit V4, V6. 1989 and newer.
634027 (OSM-3794) **$142.95 H**

Mercury 1980 and newer Black Max; Mariner 1980 and newer; Fits all Mercury/Mariner 2.4; Suzuki 150, 150SS, 200 HP. 1986 and newer; Suzuki 115-140 HP. 1987 and newer.
634053 (OSM-3798) **$142.95 H**

Marpac Steering Cable Protector



Marpac Steering Cable Protector
Heavy duty rubber boot attaches to output end of all name brand steering cables at engine. This boot protects the steering cable from the elements and keeps lubricants in. Steering cable end 1" in diameter. Output end 3/8" in diameter. Overall diameter 1-1/2". Maximum length 10". Minimum length 3-1/2".

7-0678 **$6.95 F 30**

T & R Marine Cleaning Brush



T & R Marine Steering Tube Cleaning Brush
Cleans corroded engine tilt tubes. Constructed of steel wire with 8" shaft. For use with electric drill motor.

642580 (TB-10) **$23.95 H**

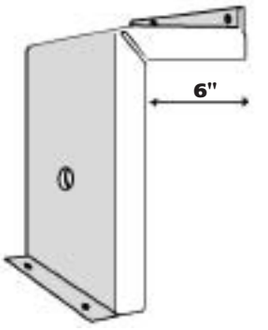
T-H Marine Steering Console Mount



T-H Marine Steering Console Mount
This aluminum console features welded construction, plywood reinforced face for steering wheel mounting, adjustable height, space for mounting switches and instruments and a flat top for depth finder mounting. Adaptable to most aluminum or fiberglass boats. Manufactured from .090 thick material. Dimensions: 24" L x 10-1/2" W x 10" - 20" H (adjustable).

640905 (SCM-2) **$230.95 H**

Ezy-Glide Side Mounting Bracket



Ezy-Glide Side Mounting Bracket
The Rigger's Pal is for port mounting installation adjacent to the operator seat. Can be used for mounting throttle box controls. Height 12".

336657 (RP-12) **$82.95 H 3I**

Grommets and Boots



T-H Marine Utility Grommets
Flexible marine vinyl. Protects rod tips or butts. Also great for boat hooks, gaffs, etc. Black. Sold by pair.

641781	(UG-1) 3-3/8" OD	Max. Hole Size: 2-3/8"	**$8.95 H**
641767	(UG-2) 2-3/4" OD	Max. Hole Size: 1-3/4"	**$8.95 H**
641793	(UG-3) 4" OD	Max. Hole Size: 3"	**$12.95 H**



T-H Marine Cable Boots
Constructed of black vinyl that resists ultraviolet rays, gasoline and oil. Easy to install. This cable boot provides a fully open area to pass wiring and cables through and when rigging is complete simply pull cable tie snug around wires and cable to complete installation. Sold each in bulk.

641906	(CB-2) 2"	**$5.95 H**
641907	(CB-1) 3"	**$5.95 H**
641921	(CB-4) 4.5"	**$8.95 H**



T-H Marine Reinforcing Rings for Cable Boots

641909	(CBR-1) 3"	Black	**$2.95 H**
641912	(CBR-2) 2"	Black	**$2.95 H**
641914	(CBR-4) 4.5"	Black	**$2.95 H**



Moeller Tiller Rope Grommets
Durable, high density polyethylene won't rot or mildew. Prevents damage to tiller cables and control cables. Recessed holes allow grommets to be riveted in place or secured with #6 fasteners. 2-7/8" ID. Fits 3" hull opening. 1/4" under flange. Sold per pair per clam shell. Standard pack 12.

486568 (20101-10) Black **$3.95 E**



Detroit Marine Motorwell Boots
These rugged boots are made of durable vinyl that resists gasoline, oil, ultraviolet rays and extreme temperatures. Easily installed with pop rivets or screws.

486577	(10-15-1)	For 4" Hole	**$2.95 F**
486589	(10-15-11)	For 3" Hole	**$2.95 F**



7-0674 & 7-0675



7-0677

Marpac Motorwell Boots
Protects fuel lines, wires and cables. Gas and oil resistant. Adjustable fit.

7-0674	For 3-1/2" Hole	**$2.95 F 3Q**
7-0675	For 4-1/2" Hole	**$2.95 F 3Q**
7-0677	For 3" Hole	**$5.95 F 3Q**



Marpac Utility Grommets
Black. Sold per pair.

7-0616	1"	**$3.95 F 3Q**
7-0615	2-3/4"	**$4.95 F 3Q**
7-0614	3-3/8"	**$4.95 F 3Q**

Outboard Hose and Cable Cover



MPI Products Outboard Hose and Cable Cover

High quality, crush resistant plastic offers excellent flexing properties and abrasion resistance. Material is resistant to bilge acids, fuel solutions and ultra violet rays. For all bracket mounted outboard motors. ID 2". Bend radius 3". Black.

641818 (127-2006) Length 50' **$283.95 L**
641819 (127-2003) Length 10' **$57.95 L**

Transom Mounting Flange



MPI Products
Outboard Cable Cover Transom Mounting Flange

Ideal for securing outboard hose and cable conduit to transom. Threaded molded plastic grips conduit securely. ID 2". Black.

641806 (747-2000) **$22.95 L**



T-H Marine Zippered Rigging Sleeve

Protect your cables and hoses with this easy to remove rigging sleeve. Made of rugged Sunbrella fabric, this sleeve will withstand the elements and resist fading. Easily zips on and off to access cables of hoses when needed. Ends are secured with cable ties sewn into pockets.

640950 (ZRS-1) Length 48" **$52.95 H**



T-H Marine Black Flex Sleeving - Mesh Rigging Conduit

Lightweight jacketing for bundling and protecting wires, cables and hoses. Braided from high temperature yarns. Easy to slip on. Sold in spools.

642352 (FLX-50)	Diameter 1/2"	Length 100'	**$77.95 H**
642365 (FLX-75)	Diameter 3/4"	Length 100'	**$103.95 H**
642389 (FLX-150)	Diameter 1-1/2"	Length 50'	**$97.95 H**



Typical Fuel Hose Assembly



640961



640970

T-H Marine
Rigging Flange with Fuel Hose Port and Hose Union

Completes professional rigging installation. Complies with ABYC - NMMA Specs. Split design allows installation on pre-rigging boats. Fuel hose port fits type "A" hose and hose union fits Type "B" hose. Installs with T-H Marine Rigging Hose. Sold each.

640961 (RFFHP-1) Rigging Flange with Fuel Hose Port **$13.95 H**
640970 (RFHU-1) Rigging Flange Hose Union **$11.95 H**



T-H Marine Brite Plate Chrome Plated Rigging Flange

Look of stainless - price of plastic. Strong plating process strengthens parts. Five step metal bonding process. Won't flake, chip or easily scratch.

641957 (RF-1CP) **$22.95 H**



Heli Tube Cable Wrap

Bundles wires, cables, hoses and tubing firmly but allows flexibility. Resists abrasion, dampens vibration, organizes and insulates. Ultra violet resistant. UL recognized component listed under category UZKX2. Available in 100' rolls. Black.

772916 (HT 1/4 UR) 1/4" Heli Wrap **$34.95 H**
772928 (HT 3/8 UR) 3/8" Heli Wrap **$52.95 H**
772933 (HT 1/2 UR) 1/2" Heli Wrap **$75.95 H**
772942 (HT 3/4 UR) 3/4" Heli Wrap **$122.95 H**

Perko Tiller Rope Pulleys



PERKO®

Perko Fig. 565
Tiller Rope Pulley
Stainless steel. White plastic sheave. Swivel type with strap. Maximum rope size 1/4". Sheave OD 2-5/16". Overall length 3-3/4". Strap length 1-5/8". Uses #10 RH fasteners. Sold 2 per display pack. Standard pack 5.

540887 (565 DP) **$23.95 H 5J**

PERKO®

Perko Fig. 634 Tiller Rope Pulley
Stainless steel. White plastic sheave. Swivel snap hook type. Maximum rope size 1/4". Sheave OD 2-5/16". Overall length 4-5/8". Opening snap throat 1/2". Sold 2 per display pack. Standard pack 5.



541372 (634 DP) **$33.95 H 5J**

Clear Vinyl Jacketed Tiller Cable



Clear Vinyl Jacketed Tiller Cable
Clear vinyl jacketed. Steel tiller cable. Diameter 3/16". Minimum break strength 920 lbs. Meets all BIA requirements. Sold in 500' spools only.

553518 (GT0947703) **$143.95 H**

Perko Tiller Rope Clamp

PERKO®



Perko Fig. 1226 Tiller Rope Clamp
Chrome plated zinc. For 1/8" or 3/16" diameter cable. Width 11/16". Overall length 1-1/4". Sold 2 per display pack. Standard pack 25.

533554 (1226 DP CHR) **$8.95 H 25J**

Perko Tiller Rope Guides

PERKO®



Perko Fig. 1261 Tiller Rope Guide
Chrome plated zinc. Hole ID 5/16". Base dimensions: 1-1/4" x 3/4". Uses #6 fasteners. Sold 2 per display pack. Standard pack 25.

533858 (1261 DP CHR) **$8.95 H**

PERKO®



Perko Fig. 1243
Tiller Rope Guide
Chrome plated zinc with plastic sheave. Maximum rope size 1/4". Sheave OD 7/8". Base dimensions: 2" x 3/4". Uses #8 fasteners. Sold each per display pack. Standard pack 10.

533693 (1243 DP CHR) **$11.95 H**

Eye Straps

PERKO®



Perko Fig. 562 Eye Strap
300 series stainless steel. Length overall 1-5/8". Eye ID 1/4". Uses #10 RH fasteners. Sold 5 per display card. Standard pack 10.

540864 (562 DP STS) **$12.95 H**

PERKO®



Perko Fig. 1242 Eye Strap
Chrome plated zinc. Length overall 1-7/8". Eye ID 5/16" Uses #8 fasteners. Sold 5 per display card. Standard pack 10.

533681 (1242 DP CHR) **$10.95 H 10J**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Eye Strap
Stainless steel. Length 1-3/4". Sold 4 per card.

7-0502 **$5.95 F 3Q**

Teleflex Baystar Hydraulic Steering Package



BayStar hydraulic steering is brought to you by the manufacturers of SeaStar, the most trusted name in pleasure boat steering. BayStar allows you to install all of the safety, reliability and comfort of hydraulic steering onto your 150 HP max. (or less) outboard powered boats. Combine this with the superior Teleflex (Canada) design team, rigid ISO quality control and teamed with the finest materials and precision manufacturing - BayStar continues the tradition bringing comfort and safety to boating.

Manufactured in the tradition of the whole SeaStar family of products—for applications that exceed BayStar's HP rating please purchase one of our SeaStar products.

BayStar kits come complete with everything needed for an install. The cylinder utilizes the factory outboard engine supplied drag link for simplified installation. For your convenience two lengths of 20' cut to fit tubing are supplied (2 x 20' length).

Package includes:

- **799885** (HH4314) BayStar Plus Helm
- **800587** (HT4420) BayStar 20' Tubing Kit
- **799779** (HA5430) 2 Bottles of Hydraulic Steering Fluid
- **800616** (HC4645H) BayStar Cylinder
- **799784** (HA5438) Filler Kit

799114 (HK4200) **$713.95 E**

Marpackages Baystar Hydraulic Tilt Steering Package



All the same features of our **799114** (HK4200) Baystar Package, but with the convenience of a tilt helm.

Package includes:

- **799899** BayStar Tilt Helm
- **804422** Steering Hose 20'
- **800616** (HC4645H) BayStar Cylinder
- **7-1087** Hydraulic Fluid - Quart

799102 **$1,100.95 E**

Teleflex Baystar Hydraulic Steering Components



Teleflex Baystar Hydraulic Steering Cylinders

800616 (HC4645H)		**$384.95 E**
800619 (HC4648H) Short		**$384.95 E**

Teleflex Baystar Hydraulic Steering Components

800587 (HT-4420)	20' Tubing Kit	**$130.95 E**
800577 (HP-4600)	Seal Kit	**$79.95 E**
801387 (HS-5147)	Seal Kit	**$8.95 E**
795635 Shaft Seal Quad Ring		**$1.95 E**



799899



799885

Teleflex Baystar Hydraulic Steering Helms

799885 (HH4314)	Baystar Helm	**$317.95 E**
799899 (HH4315)	Baystar Tilt Helm	**$521.95 E**

Teleflex BayStar Outboard Compact Application Guide

BayStar Compact Cylinders HC4645/47/48/58

Available Special Order Only

Manufacturer	Year	Model	Cylinder	Notes
Force	1985 TO DATE	90-150 HP	HC4645H	
Honda	1992 TO DATE	30-90 HP	HC4645H	
	1998 TO DATE	115-130 HP	HC4647H	
	2001 TO DATE	150 HP	HC4645H	
	2003 TO DATE	BF135 HP	HC4645H	
Johnson/Evinrude NOTICE: Johnson 115 HP 2-stroke engines, required the pivot plate to be flipped. See note #4 below.	1977 TO 1989	65-150 HP	HC4648H	
	1991 TO DATE	40-150 HP	HC4645H	
	1997 TO DATE	115 HP FIGHT	HC4658H	4
	1997 TO DATE	75-150 HP FIGHT	HC4645H	
	1998 TO DATE	40-140 HP 4-Stroke	HC4658H	1, 4
Mercury/Mariner	1984 TO DATE	75-150 HP	HC4645H	
Nissan	1990 TO DATE	120-140 HP	HC4645H	
Suzuki	1986 TO DATE	150 HP	HC4645H	
	1996 ONLY	115-140 HP	N/A	
	1987 TO 2002	115-140 HP	HC4645H	1
	1990 TO 2000	90-100 HP	HC4645H	
	1998 TO DATE	40-70 HP 4-Stroke	HC4645H	1, 4
	2001 TO DATE	115-140 HP 4-Stroke	HC4658H	
Tohatsu	1990 TO DATE	140 HP	HC4645H	
Yamaha	1998 TO DATE	40-50 HP	HC4645H	2
	1998 TO DATE	60 HP	HC4645H	3
	1986 TO DATE	70-90 HP	HC4645H	1
	1997 TO DATE	80-150 HP 4-Stroke	HC4645H	
	2000 TO DATE	25-60 HP 4-Stroke	HC4648H	1
Yanmar	1990 TO DATE	27-36 HP	HC4645H	

1. Requires Spacer Kit part #HO5090.
2. Engine clamp brackets must be cut or ground, and the engine through bolted onto the transom, or interference will occur, restricting engine trim and tilt.
3. Steering hook Yamaha Part #63D-48511-004D must be installed.
4. Cylinder HC4645 may be used in these applications. The pivot plate will need to be flipped before installation. Instructions provided with Owner's Manual

Theis engine application is current through the revision date of March 10, 2006. For up-to-date engine applications go to: www.seastarsteering.com

NOTICE: HC4645H compact cylinder is included in the BayStar Steering Kits. If your engine requires the use of a cylinder other than HC4645H or HC4658H then please refer to the figure below for additional replacement pivot plate.



HA4640
Use with cylinder HC4645H



HA4642
Use with cylinder HC4648H



HA4641
Use with cylinder HC4647H



HA4643
Use with cylinder HC4658H

Teleflex SeaStar® Hydraulic Steering Components

SeaStar® hydraulic steering systems use oil to transmit force from the steering wheel to the outboard motor or rudder. Instead of the push-pull cable of a mechanical system, the SeaStar® system uses a "liquid cable" which is many times more efficient. Hydraulic steering is the most comfortable and efficient approach to steering a boat. It is available in several outboard, configurations to fit most boats.

Teleflex SeaStar® Front Mount O/B Hydraulic Steering Packages



Front Mount Outboard Features:

Provides easier and smoother steering than any other competitive systems. The next best thing to power steering. Standard 3/4" tapered steering wheel shaft. Designed for long life in a marine environment. Precision built and easy to install. Suitable for most major outboard engine brands.

Single engine, threaded tilt tube 300 HP maximum.

Dual engines, threaded tilt tube 450 HP maximum combined. Order tie bar separately.

Consist of: Helm (HH-5271), Front Mount Cylinder (HC-5345), Hose Kit, (2) Hydraulic Fluid (HA-5430) and fittings for most applications.

MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex.

MP Hoses ship separately from Teleflex Kit.

Please refer to cylinder application chart when ordering.

799166 16'	**$1,105.95 E**
799187 18'	**$1,105.95 E**
799200 20'	**$1,105.95 E**
799222 22'	**$1,105.95 E**
799244 24'	**$1,105.95 E**
799126 (HK-6400) SeaStar Kit without Hoses	**$1,070.95 E**

Teleflex SeaStar® Pro Front Mount O/B Hydraulic Steering Packages



For Performance Boats

Pro Front Mount Outboard Features:

High-speed straight course running with instant steering response. Stops wheel walk and chatter of high speed. High power/speed (50 mph/150 HP and up) outboard boats. Typical applications: Bass, Ski and other high speed outboard powered boats. Designed for long life in a marine environment. Precision built and easy to install. Suitable for most major outboard engine brands.

Single engine, threaded tilt tube 300 HP maximum.

Consist of: Helm (HH-5770), Front Mount Cylinder (HC-5345), Hose Kit, 2 Hydraulic Fluids (HA-5430) and fittings for most applications.

Please refer to cylinder application chart when ordering.

798144 14'	**$1,123.95 E**
798162 16'	**$1,118.95 E**
798188 18'	**$1,118.95 E**
798190 20'	**$1,116.95 E**
798124 (HK-7400) SeaStar Pro Kit without Hoses	**$1,091.95 E**
798213 (HK-7400) SeaStar Pro Kit w/Red Cyl. w/o Hoses	**$1,080.95 E**
798225 (HK-7400) SeaStar Pro Kit w/Silver Cyl. w/o Hoses	**$1,049.95 E**

Teleflex SeaStar® Hydraulic Steering Packages

Teleflex Outboard
Tilt Hydraulic Steering Packages (Sport Helm)

Teleflex tilt steering's strong design and versatility mean style, durability and comfort for almost any boat! 5 positions allow adjustment to the most comfortable steering position. 48° tilt range (18 down - 30 up) Standard 3/4" tapered steering wheel shaft. 2 year limited warranty.

Consist of: Sport Tilt Helm (HH-5291), Front Mount Cylinder (HC-5345), MP Hose Kit and (2) Hydraulic Fluid (HA-5430).

MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex.

MP Hoses ship separately from Teleflex Kit.

Please refer to cylinder application chart when ordering.

799287 16' Hose Kit	**$1,396.95 E**
799289 20' Hose Kit	**$1,395.95 E**
799290 24' Hose Kit	**$1,395.95 E**



Teleflex Outboard
Tilt Hydraulic Steering Packages (Traditional Helm)

Teleflex tilt steering's strong design and versatility mean style, durability and comfort for almost any boat! 5 positions allow adjustment to the most comfortable steering position. 48° tilt range (18 down - 30 up) Standard 3/4" tapered steering wheel shaft. 2 year limited warranty.

Consist of: Traditional Tilt Helm (HH-5741), Front Mount Cylinder (HC-5345), MP Hose Kit and (2) Hydraulic Fluid (HA-5430).

MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex.

MP Hoses ship separately from Teleflex Kit.

Please refer to cylinder application chart when ordering.

799293 16' Hose Kit	**$1,334.95 E**
799291 20' Hose Kit	**$1,334.95 E**
799295 24' Hose Kit	**$1,334.95 E**



Teleflex Seastar® Pro Tilt Helm Packages

Consist of: Pro Tilt Helm (HH-5290), Front Mount Cylinder (HC-5345) and (2) Hydraulic Fluid (HA-5430) and hose kits.

798197 (HK-7514) 14' Hose Kit	**$1,459.95 E**
798198 (HK-7516) 16' Hose Kit	**$1,453.95 E**
798199 (HK-7518) 18' Hose Kit	**$1,452.95 E**
798200 (HK-7520) 20' Hose Kit	**$1,449.95 E**



Marpacages SeaStar® Hydraulic Steering Packages



Marpacages SeaStar Packages with Stainless Steel Steering Wheel with Knob

Kits include: HC5345 front mount cylinder, HC5271 Helm, 2 quarts hydraulic fluid, your choice of hose size and your choice of stainless steel wheel size.

MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex.

MP Hoses Kits and Marpac S/S Wheels ship separately from Teleflex Items.

Includes a 13" Steering Wheel.

799300	(HKSSW1316) 16' Hose Kit	**$1,256.95 E**
799301	(HKSSW1320) 20' Hose Kit	**$1,256.95 E**
799302	(HKSSW1324) 24' Hose Kit	**$1,256.95 E**

Includes a 15-1/2" Steering Wheel.

799305	(HKSSW1516) 16' Hose Kit	**$1,232.95 E**
799306	(HKSSW1520) 20' Hose Kit	**$1,232.95 E**
799307	(HKSSW1524) 24' Hose Kit	**$1,232.95 E**



Marpacages SeaStar Packages with Aluminum Steering Wheel with Knob

Kits include: HC5345 front mount cylinder, HC5271 Helm, 2 quarts hydraulic fluid, your choice of hose size and your choice of cast aluminum wheel size.

MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex.

MP Hoses Kits and Marpac S/S Wheels ship separately from Teleflex Items.

Includes a 13" Steering Wheel.

799310	(HKALW1316) 16' Hose Kit	**$1,329.95 E**
799311	(HKALW1320) 20' Hose Kit	**$1,329.95 E**
799312	(HKWAL1324) 24' Hose Kit	**$1,329.95 E**

Includes a 15-1/2" Steering Wheel.

799315	(HKWAL1516) 16' Hose Kit	**$1,332.95 E**
799316	(HKWAL1520) 20' Hose Kit	**$1,332.95 E**
799317	(HKWAL1524) 24' Hose Kit	**$1,332.95 E**

Teleflex SeaStar® Dual Front Mount O/B Hydraulic Steering Package



Dual Front Mount Outboard Features:

Provides easier and smoother steering than any other competitive system. The next best thing to power steering. Standard 3/4" tapered steering wheel shaft. Designed for long life in a marine environment. Precision built and easy to install. Suitable for most major outboard engine brands.

Dual engines, threaded tilt tube 600 HP maximum combined.

Consist of: (1) Helm (HH-5272), (2) Front Mount Cylinders (HC-5345), (1) 2' Hose Kit (HO-5102), (1) 4' Hose Kit (HO-5104), (1) 20' MP Hose Kit, (1) Bag/3 3/8" Tee and (3) Hydraulic Fluid (HA-5430) for most applications.

MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex.

MP Hoses Kit ships separately from Teleflex Items.

Please refer to cylinder application chart when ordering.

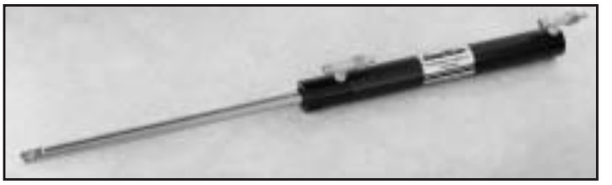
799405	20' Hose Kit	**$2,031.95 E**

Must Order Tie Bar Separately - See Page 401

Teleflex SeaStar® Side Mount O/B Hydraulic Steering Package







Side Mount Outboard Features:

Ease of installation. Alternative to front mount cylinder where space allows. Unbalanced cylinder design means lock-to-lock turns are slightly different between center to hard over left and center to hard over right. Suitable for installation in shallow splashwells. Suitable for use on most engines with tilt tube steering or fitted with power steering.

Single engine, threaded tilt tube 300 HP maximum.

Dual engines, threaded tilt tube 300 HP maximum combined. Order tie bar separately.

Consist of: Helm (HH-5271), Side Mount Cylinder (HC-5370), MP Hose Kit, (2) Hydraulic Fluid (HA-5430) and fittings for most applications.

MP Parts Hydraulic Hose Kit exclusively manufactured by Parker Hannifin and Uflex.

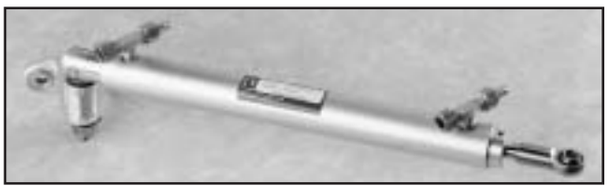
MP Hoses ship separately from Teleflex Items.

799354 20' Hose Kit **$996.95 E**

Teleflex SeaStar® Splashwell Mount O/B Hydraulic Steering Package







Splashwell Mount Outboard Features:

Ease of installation. Light duty alternative to front and side mount cylinder. Unbalanced cylinder design means lock-to-lock turns are slightly different between center to hard over left and center to hard over right. Suitable for installation in shallow splashwells. Suitable for use on most engines with/ without tilt tube steering.

Consist of: Helm (HH-5271), Splashwell Mount Cylinder (HC-5380), MP Hose Kit, (2) Hydraulic Fluid (HA-5430) and fittings for most applications.

MP Parts Hydraulic Hose Kit exclusively manufactured by Parker Hannifin and Uflex.

MP Hoses ship separately from Teleflex Items.

799382 20' Hose Kit **$1,133.95 E**

Teleflex SeaStar® MerCruiser Hydraulic Steering Package







Teleflex Seastar®
MerCruiser Hydraulic Steering Package

Kit includes: (1) Seastar Helm, (1) HC-5332 Cylinder and (2) Quarts Hydraulic Fluid. *Hoses and hose kits must be ordered separately.

799366 (HKMER01) **$985.95 E**

DONOVAN 2009

Teleflex SeaStar® Inboard Steering Application Guide







Boat Length Up To		26' (8m)	32' (10m)	38' (11.5m)	44' (13.5m)	50' (15m)
Planing Hull						
Single Engine	Pleasure	System 1	System 2	System 3	System 5	*
	Work	System 4	System 4	System 5	*	*
Twin Engine	Pleasure	System 1	System 1	System 2	System 3	System 5
	Work	System 4	System 4	System 5	System 5	*
Displacement Hull						
Single Engine	Pleasure	System 2	System 3	System 5	*	*
	Work	System 4	System 4	System 5	*	*
Twin Engine	Pleasure	System 2	System 3	System 3	System 5	*
	Work	System 4	System 4	System 5	*	*

Teleflex® MARINE

Warning: Many factors influence steering loads. These recommendations are provided only as a general guideline. SeaStar may be used on any size vessel as long as steering system working pressures do not exceed 500-600 psi/35-40 bar and periodic maximum peak pressures do not exceed 800 psi/56 bar. * SeaStar Capilano System Recommended

Teleflex SeaStar® Inboard Steering Order Guide

799604 – System 1* **$819.95 E**

Includes: 1 Each SeaStar Helm **800000** HH-5271
1 Each BA125-7ATM Cylinder **800804** HC-5312
2 Each Oil Hydraulic Fluid **799779** HA-5430

799617 – System 2* **$819.95 E**

Includes: 1 Each SeaStar Helm **800000** HH-5271
1 Each BA135-7ATM Cylinder **800816** HC-5313
2 Each Oil Hydraulic Fluid **799779** HA-5430

799623 – System 3* **$869.95 E**

Includes: 1 Each SeaStar Helm **800000** HH-5271
1 Each BA150-7ATM Cylinder **800828** HC-5314
2 Each Oil Hydraulic Fluid **799779** HA-5430

799638 – System 4* **$1,342.95 E**

Includes: 1 Each SeaStar Helm **800013** HH-5272
1 Each BA150-7TM Cylinder **800866** HC-5318
2 Each Oil Hydraulic Fluid **799779** HA-5430

799643 – System 5* **$1,273.95 E**

Includes: 1 Each SeaStar Helm **800013** HH-5272
1 Each BA175-7TM Cylinder **800878** HC-5319
2 Each Oil Hydraulic Fluid **799779** HA-5430

*** All systems may use:**

1) Teleflex SeaStar Outboard Hydraulic Hose Kits (Series HO-51_ _) on runs up to 30'.
2) Teleflex SeaStar Nylon Tubing on runs up to 50' for systems 1, 2 and 3. or.
3) 3/8" Copper Tubing and appropriate connection kits.

Teleflex SeaStar® I, II Sterndrive Hydraulic Steering Systems

Non Power Assist

MerCruiser 1984 to Date, Alpha/Bravo

Order: 1 Each SeaStar I Helm **800000** (HH-5271)
1 Each BA150-7EM Cylinder **800731** (HC-5332)
2 Each Hydraulic Fluid **799779** (HA-5430)
* Order Hose Kit Separately

OMC Cobra, King Cobra

Order: 1 Each SeaStar I Helm **800000** (HH-5271)
1 Each BA135-8EM Cylinder (HC-5326)
2 Each Hydraulic Fluid **799779** (HA-5430)
* Order Hose Kit Separately

Power Assist

MerCruiser, OMC , Volvo (Gas), BMW and Yamaha

Order: 1 Each SeaStar I Helm **800000** (HH-5271)
1 Each BA125-8EM Cylinder **800744** (HC-5328)
2 Each Hydraulic Fluid **799779** (HA-5430)
* Order Hose Kit Separately

*** All systems may use:**

1) Teleflex SeaStar Outboard Hydraulic Hose Kits (Series HO-51_ _) on runs up to 30'.
2) Teleflex SeaStar Nylon Tubing on runs up to 50' for systems 1, 2 and 3. or.
3) 3/8" Copper Tubing and appropriate connection kits.

Teleflex SeaStar® Hydraulic Steering Helms

SeaStar® hydraulic steering systems use oil to transmit force from the steering wheel to the outboard motor or rudder. Instead of the push-pull cable of a mechanical system, the SeaStar® system uses a "liquid cable" which is many times more efficient. Hydraulic steering is the most comfortable & efficient approach to steering a boat. It is available in several outboard, configurations to fit most boats.

Teleflex SeaStar® Hydraulic Steering Helms

The helm pump is the heart of a hydraulic steering system. The ultimate in efficiency, safety and reliability, yet it is easy to install and maintain. SeaStar helms feature maximum steering comfort engineered into a compact, stylish design incorporating easy-access filling.



Teleflex SeaStar® Front Mount Steering Helms

For all SeaStar cylinders.

800000 (HH-5271) 1.7 cubic inch **$452.95 E**
800013 (HH-5272) 2.4 cubic inch **$568.95 E**
800015 (HH-5273) 2.0 cubic inch **$593.95 E**

Teleflex SeaStar® Pro Front Mount Steering Helm

Designed for high speed outboard boats.

799900 (HH-5770) 2.0 cubic inch **$474.95 E**



NEW ITEM

Teleflex Commerical Helm

Specifically designed to be used on smaller fishing vessels involved in the Lobster and Crabbing Industries. The Commercial Helm Pumps are designed with a stainless steel shaft and heavy duty shaft seal and wiper. This new shaft and seal help protect the Helm Pump from the abrasive effects of sediment that is brought on board by the operator handling Traps or Pots.

800048 (HH-5217) 1.7 cubic inch **$555.95 E**

Teleflex Replacement SeaStar® Helm Seal Kits

For models: HH-5271, HH-5272, HH-5741, HH-5742, HH-5291, HH-5292 and HH-5770 Helms.

801399 (HS-5176) **$46.95 E**

For models: HH-5201 and HH-5202 Old Helms.

801400 (HS-5151) **$34.95 E**



Teleflex SeaStar® Rear Mount Steering Helms

802510 (HH-5261) 1.7 cubic inch **$523.95 E**
802512 (HH-5262) 2.4 cubic inch **$709.95 E**



800020

Teleflex SeaStar® Sport Tilt Steering Helms

5 wheel position allow adjustment to most comfortable steering position in 12-degree increments.

800020 (HH-5291) 1.7 cubic inch **$785.95 E**
800032 (HH-5292) 2.4 cubic inch **$882.95 E**

Teleflex SeaStar® Pro Sport Tilt Steering Helm

800018 (HH-5290) 2.0 cubic inch **$764.95 E**



Teleflex SeaStar® Traditional Tilt Steering Helms

800045 (HH-5741) 1.7 cubic inch **$696.95 E**
800050 (HH-5742) 2.4 cubic inch **$869.95 E**

Teleflex SeaStar® Hydraulic Steering Helm Accessories

Teleflex Filler Kit
Nozzel for filling your Hydraulic SeaStar Systems. For use on SeaStar's Helm I/O, O/B, and I/B engine pumps for boats up to 40 foot. Includes: Tube and push-pin to vent and re-seal SeaStar HA5430 Oil bottle (Not included).

799784 (HA-5438) **$15.95 E**



Teleflex Helm Mounting Adapter
Backplate kit is used with a SeaStar front mount helm to: Retrofit a new SeaStar standard helm in the old 4.5" diameter hole or reduce the helm protrusion from the dash by the thickness of the dash or into hole cutouts for mechanical or hydraulic steering systems.

799847 (HA-5418) **$31.95 E**



Teleflex Helm Mounting with 20° Wedge Kit
This kit is designed to mount a SeaStar front mount helm at a 20° angle to the mounting surface. Four possible mountings by varying wedge position. No helm modifications are needed.

799811 (HA-5419) **$64.95 E**

Fitting Kit for SeaStar Cylinder to Hynautic Hose
800892 (HF-45) **$137.95 E**

Fitting Kit to Adapt Teleflex Helm to Hynautic Lines
401543 (HF-05) **$41.95 E**

NEW ITEM

Teleflex SeaStar Helm Service Kit
Kit includes:

Teleflex #	Description	Qty.
747521	Nut 5/8NF JAM Nylk CP Yel	1 each
067424	Nut 1/4"	4 each
201429	Washer 1/4"	4 each
260130	Woodruff Key	1 each
225226	Quad Ring .210 70DUR N	1 each
763721	Mld Plate Seal New SS	1 each

801298 (HP-6032) **$7.95 E**

NEW ITEM

Teleflex SeaStar Commercial Helm Service Kit
Kit includes:

Teleflex #	Description	Qty.
747521	Nut 5/8NF Jam NYLK CP Yel	1 each
225226	Quad Ring .210 70DUR N	1 each
260130	Key #606 PM 304LSC	1 each
793687	Plate Seal M/C Alum	1 each
798567	O Ring N06745329 70DUR N	1 each
827926	B/U Ring 8-018 90DNO300	1 each
798676	O Ring N06745102 70DUR N	3 each
826025	FHMS # 8-32X 3/8 SS + UC	3 each
067424	Nut 1/4"	4 each
210429	Washer 1/4 Flat BS/USS ZP	4 each

801325 (HP-6037) **$57.95 E**



Teleflex Round Bezel
Reduces the distance the helm protrudes from the front of the dash to 3.75".

799835 (HA-5417) **$130.95 E**

Teleflex SeaStar® Front Mount Outboard Cylinder Application Guide

Engine Manufacturer	Year	Model	Single Engine Cylinder	Twin Engine Cylinders	Twin Eng. Single Cyl. Tie Bar Kit	Twin Eng. Dual Cyl. Tie Bar Kit	Engine Adapter Plates f/use with OEM Tie Bars	Triple Engine Dual Cyl.	Port To Drive Cyl. Tie Bar	Starboard to Drive Cyl. Tie Bar	Notes
Honda	1996 TO DATE	75-90 HP	HC5345	HC5345	HO6001	HO6002	HO5044A - **S/O**	HC5345x2	HO6001	HO6002	Note 3
	1998 TO DATE	115-130 HP	HC5347	HC5347	HO5063	HO5064	HO5044A - **S/O**				
	1998 TO DATE	30-50 HP	HC5345	HC5345	HO6001	HO6002					Note 1
	2001 TO DATE	150 HP 4-Stroke	HC5345	HC5345	HO6003	HO6002					
	2001 TO DATE	135-225 HP 4-Stroke	HC5345	N/A							
	2001 TO DATE	225 HP 4-Stroke	HC5345	HC5345	HO6001	HO6002					
	2003 TO DATE	BF135 HP	HC5345	HC5345	HO6003	HO6002					
J/E	1997 TO 1990	65-300 HP	HC5348	HC5348	HO6003	HO56002					
	1988 TO 1997	250-300 HP V8	HC5342	HC5342	HO5001A	HO5030					Note 7
	1991 TO DATE	90-175 HP						HC5345x2	HO5080	HO5080	
	1991 TO DATE	250-300 HP						HC5345x2	HO6001	HO6002	
	1991 TO DATE	200-225 HP						HC5345x2	HO6003	HO6002	
	1991 TO DATE	90-225 HP Ficht						HC5345x2	HO5080	HO5080	Note 8
	1991 TO DATE	40-250 HP	HC5345	HC5345	HO6003	HO6002					Note 9
	1996 TO DATE	75-250 HP Ficht	HC5345	HC5345	HO6003	HO6002	HO5072A - **802240**				
	1998 TO DATE	40-140 HP 4-Stroke	HC5358	HC5358	HO6003	HO6002					Note 1
	1998 TO DATE	65-70 HP 4-Stroke						HC5345x2	HO6003	HO6002	Note 1
	2000 TO DATE	115 HP FICT	HC5358	HC5358	HO6003	HO6002					Note 1
	2002 TO DATE	200-225 HP 4-Stroke	HC5345	HC5345	HO6003	HO6002	HO5072A - **802240**				
	2005 TO DATE	E250 DXP Vindicator	HC5348	HC5348	HO6003	HO6002		HC5348x2	HO6003	HO6002	
M/M	1984 TO 1994	2.4/2.5 HP EFI	HC5345	HC5345	HO6001	HO6002					Note 4
	1989 TO DATE	75-300 HP	HC5345	HC5345	HO6001	HO6002	HO5038A - **802276**				Note 3
	1989 TO DATE	75-275 HP						HC5345x2	HO5080	HO5080	
	1996 TO DATE	75-225 HP 4-Stroke	HC5345	HC5345	HO6001	HO6002					
	1998 TO DATE	30-60 HP	HC5345	HC5345	HO6001	HO6002					Note 1
	2002 TO DATE	225 HP 4-Stroke		HC5358	HO6001	HO6002					
	2003 TO DATE	250-300 HP XS	HC6345								Note 5
	2003 TO DATE	250 HP XS		HC5345	N/A	HO6002		HC5345x2	HO6002	HO6002	Note 6
Nissan/Tohatsu	1990 TO DATE	90-140 HP	HC5345	HC5345	HO6001	HO6002					
Suzuki	1986 TO DATE	100 HP	HC5345	HC5345	HO6003	HO6002					
	1986 TO 2002	115-140 HP	HC5345	HC5345	HO6001	HO6003	NOT 1996				
	1986 TO DATE	150-250 HP 2&4-Stroke	HC5345	HC5345	HO6003	HO6002	HO5072A - **802240**	HC5345x2	HO6003	HO6002	
	1996 Only	115-140 HP	HC5348	HC5348	HO6001	HO6002		HC5345x2	HO6003	HO6002	
	1998 TO DATE	65-70 HP 4-Stroke						HC5345x2	HO6001	HO6002	Note 1
	1998 TO DATE	40-140 HP 4-Stroke	HC5358	HC5358	HO6003	HO6002					Note 1
	2003 TO DATE	90 HP 4-Stroke	HC5358	HC5358	HO6003	HO6002					Note 1
US Marine/Force	1996 TO DATE	90-120 HP	HC5345	HC5345	HO6001	HO6002	HO5038A - **802276**	HC5345x2	HO6001	HO6002	
Yamaha	1990 TO DATE	40-90 HP	HC5345	HC5345	HO6003	HO6002					
	1990 TO DATE	100-200 HP						HC5345x2	HO6001	HO6002	
	1990 TO DATE	225-250 HP 4-Stroke						HC5358x2	HO5080	HO5080	
	1986 TO DATE	100-250 HP 2-Stroke	HC5345	HC5345	HO6001	HO6002					
	1997 TO DATE	80-225 HP 4-Stroke	HC5345	HC5358	HO6001	HO6002					Note 2
	1998 TO DATE	80-100 HP 4-Stroke						HC5358x2	HO6001	HO6002	
	2000 TO DATE	150-250 HPDI	HC5345	HC5358	HO6001	HO6002					Note 2
	2002 TO DATE	300 HPDI	HC5358	HC5358	HO6001	HO6002					
	2003 TO DATE	25-60 HP 4-Stroke	HC5348	HC5348	HO6003	HO6002					Note 1
	2006 TO DATE	350 HP	HC5358	**MUST Use Tournament Cylinders**							
Yanmar	1994 TO DATE	27 & 36 HP	HC5345	HC5345	HO6001	HO6002					

Note 1: Requires Spacer Kit HO5090

Note 2: HC5345 is optional for Single Engine Only applications - Do not use HC5345 for twin engines in this application.

Note 3: Minimum Engine Center = 27".

Note 4: May require extensive cowling modifications.

Note 5: Must use Mercury supplied tiller bolt for installation.

Note 6: One Cylinder per engine, Must use Mercury supplied tiller bolt for installation.

Note 7: HO5030 and HO5064 comes without tie bar.

Note 8: Minimum Engine Ceter = 29".

Note 9: Includes Etech Engines.

Teleflex SeaStar® Outboard Cylinders



Teleflex SeaStar®
Pro Front Mount Outboard Cylinders

Suited for all those critical high speed, single outboard boats like Bass, Flats, combo Race/Ski and other performance oriented boats capable of speeds in excess of 65 mph. Before ordering it is necessary to determine the proper cylinder and helm pump for the application. All SeaStar PRO systems require the use of a SeaStar PRO helm and SeaStar PRO (1500psi) reinforced Kevlar hoses ONLY!

801022	(HC-6345)	Pro Outboard	Red Version	**$811.95 E**
801034	(HC-6345)	Pro Outboard	Silver Version	**$773.95 E**
801046	(HC-6358)	Pro Yamaha	Red Version	**$811.95 E**
801058	(HC-6358)	Pro Yamaha	Silver Version	**$811.95 E**
800753	(HC-6753)	Pro Yamaha	Port	**$1,101.95 E**
800766	(HC-6754)	Pro Yamaha	Starboard	**$1,101.95 E**



NEW ITEM

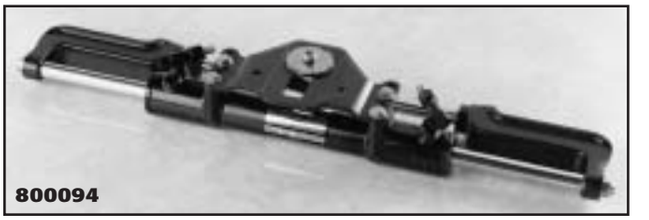
Teleflex SeaStar® Tournament Series Tiebar Cylinders

800746	(HC-6750)	Honda	Starboard	**$101.95 E**
800747	(HC-6751)	Honda	Center	**$101.95 E**
800749	(HC-6752)	Honda	Port	**$101.95 E**
800756	(HC-6755)	Evinrude		**$101.95 E**

Front Mount O/B Cylinder Application Guide on the Previous Page



800639



800094

Teleflex SeaStar® Front Mount Outboard Cylinders

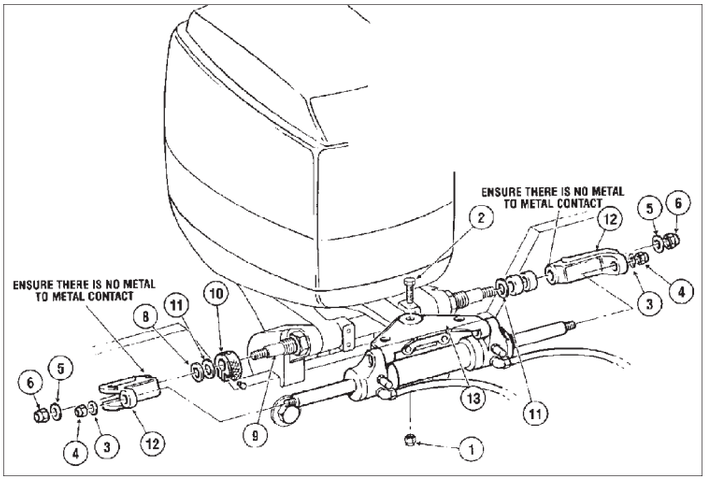
No adapter plate required for installation. Unique pivoted tiller connection allows full engine articulation with independent tilt and trim on twin engines. Ultra corrosion resistant construction. Painted components are anodized before coating for extra protection. Small footprint fits virtually all splashwells. Meets A.B.Y.C. standards/ N.M.M.A. requirements. Some installations require spacer kit (HO-5090).

800639	(HC-5345)			**$578.95 E**
800622	(HC-5347)	1998 to Date - 115-130 Honda		**$642.95 E**
800735	(HC-5358)	Yamaha 4 Stroke - 225 HP		**$605.95 E**
800688	(HC-5345)	Outboard	Silver Version	**$612.95 E**
800690	(HC-5358)	Yamaha	Silver Version	**$612.95 E**

Replacement SeaStar Front Mount. Some applications require additional cylinder mounting hardware. Single engine – 300 HP maximum. Dual engine – 450 HP maximum combined with tie bar. For replacement use only. For new installation use **800639** (HC-5345).

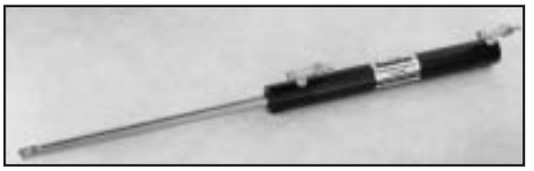
800094 (HC-5342) **$887.95 E**

Teleflex SeaStar® Compact Front Mount Cylinder Parts - HC-5345



Item	DMI #	MFG #	Qty.	Description	Price
1	**796308**	113529	1	Nut	**$1.95 E**
2	**796290**	HP6001	1	S/S Bolt & Nut	**$17.95 E**
3	**796423**	731625	2	Washer - Flat	**$0.95 E**
4	**796435**	731720	2	Nut - Nylock	**$3.95 E**
5	**796358**	HP6134	2	S/S Washer	**$6.95 E**
6	**796346**	HF6008	2	FCP Nut - 1/2"	**$20.95 E**
8	**796461**	996689	1	Spacer, Thin	**$0.95 E**
9	**796409**	730229	1	Support Rod	**$64.95 E**
10	**796444**	828085	1	Adjusting Nut	**$11.95 E**
11	**796372**	HP6017	2	FCP Washer	**$5.95 E**
12	**796485**	HP6018	2	S/S Support Brk.	**$127.95 E**
15	**796322**	113330	1	HHCS	**$1.95 E**

Teleflex SeaStar® Outboard Cylinders

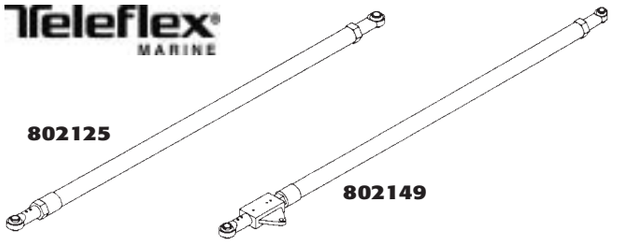


Teleflex SeaStar® Side Mount Outboard Cylinder
Alternative to front mount cylinder where space allows. Unbalanced cylinder design means lock-to-lock turns are slightly different between center to hard over left and center to hard over right. Suitable for installation in shallow splash-wells. Suitable for use on most engines with tilt tube steering or fitted with power steering. Single engine or Dual engines – 300 HP maximum combined with tie bar. (Not for use with SeaStar Pro helms).

800652 (HC-5370) **$439.95 E**
801503 (HS-5153) Cylinder Seal Kit for HC-5370 **$41.95 E**

Teleflex Seal Kits for Cylinders HC-5342 and HC-5345

801464 (HS-5157) With Wrench **$111.95 E**
Also Fits HC5340/42 with Screw In End Glands
801490 (HS-5167) Without Wrench **$90.95 E**
801452 (HS-5152) HC-5340 (Old) **$49.95 E**



Teleflex Tie Bar Kits

802125 (HO-5009) Side Mount Cylinder **$237.95 E**
802149 (HO-5010) Splashwell Mount Cylinder **$313.95 E**

Teleflex Tie Bar Adapter Kits
Only for OEM Tie Bars. Adapter plates only. For use with OEM tie bar from the engine manufacturer.

802240 (HO-5072A) J/E **$197.95 E**
802252 (HO-5030A) J/E **$173.95 E**
802276 (HO-5038A) Merc/Mar **$175.95 E**
802290 (HO-5036A) Yamaha **$206.95 E**
802303 (HO-5047A) Yamaha **$222.95 E**



Teleflex Hydraulic Tie Bar Valve
Allows for the periodic required realignment of two outboard motors or rudders that are linked together with a Hydraulic Tie Bar as opposed to a solid link or a Mechanical Tie Bar. A standard helm and SeaStar hoses may be used on vessels not exceeding speeds of 55 mph. For vessels exceeding speeds of 55 mph a SeaStar Pro helm and Pro hoses must be used.

802404 (HA-5471-2) **$306.95 E**



Teleflex SeaStar® Splashwell Mount Outboard Cylinder
Light duty alternative to front and side mount cylinder. Unbalanced cylinder design means lock-to-lock turns are slightly different between center to hard over left and center to hard over right. Suitable for use on most engines with or without tilt tube steering. Single or Dual engines – 300 HP maximum combined with tie bar. (Not for use with SeaStar Pro Helms).

800676 (HC-5380) **$583.95 E**

Teleflex SeaStar® Cylinder Service Kit

801286 (HP-6031) **$216.95 E**



Teleflex Tie Bar Kits - Complete
No adapters are required.

802315 (HO-5063) Single Cylinder (Honda 115-130 HP) **$403.95 E**
802363 (HO-6001) Single Cylinder **$349.95 E**
802378 (HO-6003) Single Cylinder **$374.95 E**
802384 (HO-6002) Dual Cylinder **$392.95 E**
802428 (HA-6701) Center Engine Bracket **$327.95 E**
802416 (HO-6700) Tie Bar Kit **$313.95 E**

Teleflex Hydraulic Steering Cylinder Spacer Kit
Spacer kit for HC5345, HC5358 and HC5345. For low HP outboard engines.

800575 (HO-5090) **$22.95 E**

Teleflex Cylinder Spacers

801301 (HP-6033) **$38.95 E**
801313 (HP-6036) **$25.95 E**



T & R Dual Engine Tie Bar
Adjustable to 31" centers. All parts furnished for simple hook up. Stainless steel makes this kit corrosion resistant. For additional strength use T & R heavy duty tie bar tube. Yamaha 115-225 1984 and newer, Johnson-Evinrude 50-235 HP, Mercury 40-225 HP, Mariner 40-225 HP, Suzuki 150-150SS-200 HP 1986 and newer.

633289 (DEL-9805) **$228.95 H**

Teleflex SeaStar® Sterndrive Cylinders



Teleflex SeaStar® Sterndrive Cylinders

These cylinders attach directly to the sterndrive unit. Aluminum construction, stainless steel shaft with 7" travel.

For Non Power Assist Engines.

800731 (HC-5332) 1.375" Merc Alpha/Bravo - 84 to Date **$536.95 E**

* Requires cylinder rod end adaptor, available from manufacturer.

For Engines with Power Assist.

800744 (HC-5328) 1.25" Merc, OMC, BMW, Volvo (Gas Models) **$434.95 E**

Teleflex SeaStar® Inboard Cylinders



Teleflex SeaStar® Inboard ATM Cylinders - Aluminum

800804 (HC-5312) Body Diameter 1.25" (32mm) **$453.95 E**
800816 (HC-5313) Body Diameter 1.375" (35mm) **$468.95 E**
800828 (HC-5314) Body Diameter 1.50" (38mm) **$484.95 E**

Teleflex SeaStar® Inboard TM Cylinders - Bronze

800866 (HC-5318) Body Diameter 1.50" (38mm) **$746.95 E**
800878 (HC-5319) Body Diameter 1.75" (45mm) **$842.95 E**

Teleflex Cylinder Seal Repair Kits

801411 (HS-5154) 1.25" Aluminum Cylinder **$31.95 E**
801426 (HS-5155) 1.35" Aluminum Cylinder **$31.95 E**
801433 (HS-5156) 1.50" Aluminum Cylinder **$31.95 E**
803230 (HS-5182) 1.50" Bronze Cylinder **$40.95 E**
803242 (HS-5183) 1.75" Bronze Cylinder **$44.95 E**
803255 (HS-5184) 2.00" Bronze Cylinder **$45.95 E**

Teleflex SeaStar® Power Assist - 12 Volt



NEW ITEM

Teleflex SeaStar® Power Assist - 12 Volt

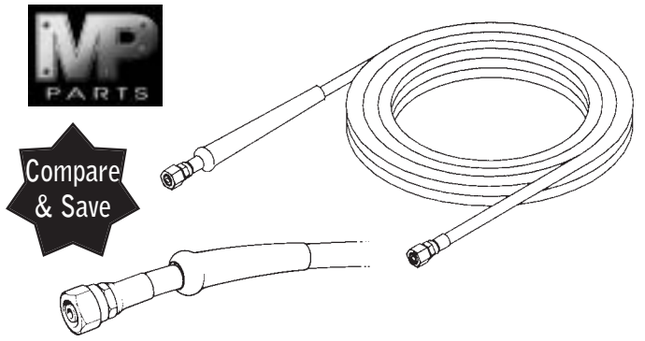
Experience the 'automotive style' comfort hydraulic steering can achieve with the innovative SeaStar Power Assist. Designed for difficult and hard to steer boats. Perfect addition for all O/B, I/O, I/B powered boats, equipped with standard hydraulic steering.

797906 (PA1200) SeaStar Power Assist Unit **$1,800.95 E**

Specifically designed for high torque single engine outboard applications such as performance bass boats that are fitted with SeaStar Pro steering helms (not suitable for use with any other SeaStar helm type).

797912 (PA1315) SeaStar Power Assist PRO Unit **$1,933.95 E**

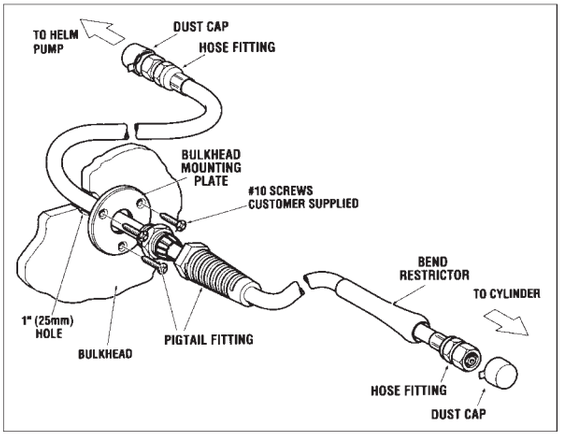
MP Parts Hydraulic Hose Kits



MP Parts Hydraulic Hose Kits
Pre-cut with brass fittings (installed). High burst flexible hose designed for splashwell/transom conditions. MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex. Sold by pair.

804394	(MP5102)	2′	**$79.95 E**
804396	(MP5103)	3′	**$96.95 E**
804398	(MP5104)	4′	**$105.95 E**
804400	(MP5106)	6′	**$111.95 E**
804402	(MP5108)	8′	**$120.95 E**
804404	(MP5110)	10′	**$124.95 E**
804406	(MP5112)	12′	**$130.95 E**
804408	(MP5114)	14′	**$135.95 E**
804410	(MP5116)	16′	**$136.95 E**
804415	(MP5118)	18′	**$139.95 E**
804422	(MP5120)	20′	**$139.95 E**
804428	(MP5122)	22′	**$145.95 E**
804434	(MP5124)	24′	**$152.95 E**
804436	(MP5126)	26′	**$160.95 E**
804438	(MP5130)	30′	**$173.95 E**

Compare & Save



MP Parts Bulkhead Hydraulic Hose Kits
Complete with fittings these hose kits mount through a splashwell bulkhead. Use on: Bass boats, offshore fishing or runabouts. MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex. Sold per pair.

804444	(MP-8116)	16′	**$155.95 E**
804446	(MP-8118)	18′	**$157.95 E**
804448	(MP-8120)	20′	**$156.95 E**
804450	(MP-8122)	22′	**$170.95 E**
804452	(MP-8124)	24′	**$175.95 E**
804454	(MP-8130)	30′	**$189.95 E**

MP Parts Nylon Tubing

MP Parts Nylon Tubing
3/8". For use with inboard, sterndrive or seadrive steering systems with SeaStar I helms only. Not recommended for tubing runs in excess of 100′. MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex. Sold in full rolls only.

804460	25′	**$23.95 E**
804462	50′	**$39.95 E**
804464	100′	**$68.95 E**



MP Parts Reinforced Nylon Tubing

MP Parts Reinforced Nylon Tubing
5/16". MP Parts Hydraulic Hose Kits exclusively manufactured by Parker Hannifin and Uflex. Sold in full rolls only.

402002	50′	**$163.95 E**
402014	100′	**$313.95 E**

Fittings for Bulk Hose

401961	5/16" Hydraulic Hose Fitting (Fits Hynautic)	**$12.95 E**
401997	Reusable Fitting (Fits Hynautic)	**$12.95 E**
401999	Reusable Fitting with O-ring (Fits SeaStar)	**$15.95 E**



Teleflex SeaStar® Hose Kits



Teleflex SeaStar® Hose Kits

Pre-cut kits supplied with factory installed brass fittings. Special high burst strength flexible hose designed for splashwell and transom bracket environments. Determine length by measuring along the intended path, round up to next even foot and add 2 feet. Sold per pair only.

800400	(HO-5102) 2'	**$111.95 E**
800412	(HO-5103) 3'	**$111.95 E**
800422	(HO-5104) 4'	**$111.95 E**
800435	(HO-5106) 6'	**$111.95 E**
800448	(HO-5108) 8'	**$111.95 E**
800451	(HO-5110) 10'	**$123.95 E**
800464	(HO-5112) 12'	**$135.95 E**
800477	(HO-5114) 14'	**$130.95 E**
800480	(HO-5116) 16'	**$140.95 E**
800493	(HO-5118) 18'	**$151.95 E**
800506	(HO-5120) 20'	**$162.95 E**
800519	(HO-5122) 22'	**$170.95 E**
800522	(HO-5124) 24'	**$181.95 E**
800535	(HO-5126) 26'	**$213.95 E**
800549	(HO-5130) 30'	**$237.95 E**
801678	(HF-5527) 3/8" Union Coupling Fitting	**$9.95 E**



Teleflex SeaStar® Bulkhead Hose Kits

Assures a tidy hydraulic steering installation on virtually any type of outboard. The integral bulkhead fitting allows neat routing of hoses through a splashwell bulkhead, helping to eliminate excess loose hose, kinking or chafing. They install faster than hoses used with conventional bulkhead fitting kits. These hoses can be used on Offshore fishing boats, Bass boats, and Runabouts. Determine length by measuring along the intended path to the center of engine, round up to next even foot and add 2 feet.

800184	(HO-8116) 16' Hose with Bulkhead Fittings	**$189.95 E**
800198	(HO-8118) 18' Hose with Bulkhead Fittings	**$202.95 E**
800200	(HO-8120) 20' Hose with Bulkhead Fittings	**$213.95 E**
800210	(HO-8122) 22' Hose with Bulkhead Fittings	**$225.95 E**
800223	(HO-8124) 24' Hose with Bulkhead Fittings	**$237.95 E**
800256	(HO-8130) 30' Hose with Bulkhead Fittings	**$270.95 E**



Teleflex SeaStar® Pro Hose Kits

Kevlar Reinforced, pre-cut kits with factory installed brass fittings. High burst strength flexible hose designed for splashwell and transom bracket environments. Determine length by measuring along the intended path round up to next even foot and add 2 feet.

800246	(HO-5714) 14'	**$186.95 E**
800261	(HO-5716) 16'	**$203.95 E**
800284	(HO-5718) 18'	**$220.95 E**
800297	(HO-5720) 20'	**$237.95 E**



Teleflex SeaStar® Pro Bulkhead Hose Kits

800312	(HO-8816) 16' Hose with Bulkhead Fittings	**$199.95 E**
800323	(HO-8818) 18' Hose with Bulkhead Fittings	**$211.95 E**



T-H Marine Bulkhead Strain Relief Hose Kit

Distributes strain from bends in hose. Water tight gripper fitting - no leaks. Great for hydraulic steering hose. Bulkhead fitting has flange for protection. Flange is 2-3/4" diameter and requires 1-1/4" installation hole.

641341	(BSR-1K)	**$15.95 H**



Teleflex Nylon Tubing

Flexible 3/8" nylon tubing is recommended for inboard, sterndrive and seadrive steering systems with SeaStar I helms only. The maximum recommended total tubing run is 100'. Not designed for use with outboard applications. Sold in full rolls only.

801102	(HT-5092)	25'	**$57.95 E**
801115	(HT-5095)	50'	**$94.95 E**
801128	(HT-5100)	100'	**$189.95 E**

STEERING, CONTROLS

Teleflex SeaStar®, BayStar Power Purge Jr.



SeaStar and BayStar Power Purge Jr. is the quickest way to bleed a SeaStar and BayStar system in the field and assure a rock-solid steering feel every time!

The Power Purge Jr. reduces installation and warranty costs while enhancing the quality of the boat to the end user. A typical manual fill and purge takes the average experienced installer or service technician about 30 minutes per boat - by using the Power Purge Jr. this can be reduced to 10 minutes or less.

Advantages: Steering feel is solid every time. Complete fill & purge in 10 minutes or less. Fast and efficient. Easy to operate. Screens contaminants from oil. Quick connect fittings. Convenient portable size. Convenient electrical hook-up utilizing your 12 volt boat battery. Optional Dual Cylinder Purging Kit HA 5461 available.

Ideal for installation and routine maintenance of SeaStar & BayStar hydraulic steering systems by Servicing Dealers and Ship Yards.

Accessory: HA 5461 Dual Cylinder Purge Kit.

797792 (HA5445) **$810.95 E**

797805 (HA5461) Dual Cylinder Purge Hose for HA5445 **$363.95 E**

Hydraulic Fluid



Teleflex SeaStar® Hydraulic Fluid

Hydraulic fluid is formulated to provide the best performance for your steering system. A perfect blend of viscosity stabilizers, anti-wear ingredients, defoaming agents and corrosion inhibitors will ensure maximum steering life and performance.

799779 (HA-5430) Quart **$20.95 E**

799760 (HA-5440) Gallon **$80.95 E**

799784 (HA-5438) Filler Kit **$15.95 E**



Marpro Premium Hydraulic Fluid

For use in most hydraulic steering systems.

7-1087 Quart 12 per case **$13.95 E**

7-1086 Gallon 4 per case **$53.95 E**

Teleflex Fittings and Accessories


801617


801213


801605


Ball Joint


801224


801680


801706


801707


801666

Teleflex Fittings and Accessories
Refer to Teleflex catalog for application.

801605	(HF-5520)	(2 ea.) BJ-Cylinder Horizontal Bleeder Tee	**$51.95 E**
801617	(HF-5521)	(2 ea.) EM-Cylinder Vertical Bleeder Tee	**$50.95 E**
797615	(116527)	S/S Ball Joint 1/2" x 3/8"	**$72.95 E**
801278	(292127)	S/S Ball Joint 1/2" x 1/2"	**$74.95 E**
801270	(560928)	S/S Ball Joint 5/8" x 5/8"	**$102.95 E**
801271	(082020)	S/S Ball Joint 3/4" x 3/4"	**$104.95 E**
801213	(HA-5431)	Vent Plug	**$11.95 E**
801224	(HA-5432)	Non-Vent Plug	**$9.95 E**
801666	(HF-5526)	(6 ea.) 3/8" Nylon Tube Nut	**$14.95 E**
801678	(HF-5527)	(3 ea.) O/B Hose 3/8" Union Coupling Fitting	**$9.95 E**
801680	(HF-5528)	(3 ea.) Str. Fit. – 1/4" NPT to 3/8" Nylon Tube	**$14.95 E**
801707	(HF-5529)	(3 ea.) Elbow – 1/4" NPT to 3/8" Nylon Tube	**$24.95 E**

Tee Fittings (3 each)

801706	(HF-5530)	3/8" Nylon Tube	**$24.95 E**
801717	(HF-5531)	1/4" NPT to 3/8" Nylon Tube - 90°	**$29.95 E**
801767	(HF-5536)	1/4" NPT to 3/8" Nylon Tube - 180°	**$28.95 E**


800979


800969

Teleflex SeaStar® Bulkhead Fitting Kits
Use for outboard hose kits. Provides a watertight routing of hose kits through bulkheads and splashwells up to 3/4" thick.

800969	(HF-5512) 3/4" Bulkhead Fitting Kit	Single Cyl.	**$61.95 E**
800979	(HF-5513) 3" Bulkhead Fitting Kit	Single Cyl.	**$67.95 E**
801010	(HF-5515) 3" Bulkhead Fitting Kit	Dual Cyl.	**$140.95 E**

Teleflex SeaStar® Copper Tubing Kit
3/8" soft refrigeration copper tubing must be used with SeaStar I with runs over 100 ft. and SeaStar II inboard and sterndrive installation with runs over 50 ft. Cylinder hose kits are included.

800956 (HF-5508) For SeaStar II **$82.95 E**

Teleflex Stainless Steel Hex Bolt and Nut
795558 (HP-6007) **$28.95 E**

Teleflex Add-A-Station/Auto Pilot Kits
Contains fittings for adding either a steering station or an auto pilot system to an existing SeaStar System. Can be used with outboard hose kit, nylon tubing or copper tubing installations. Available with or without 25' of nylon tubing.

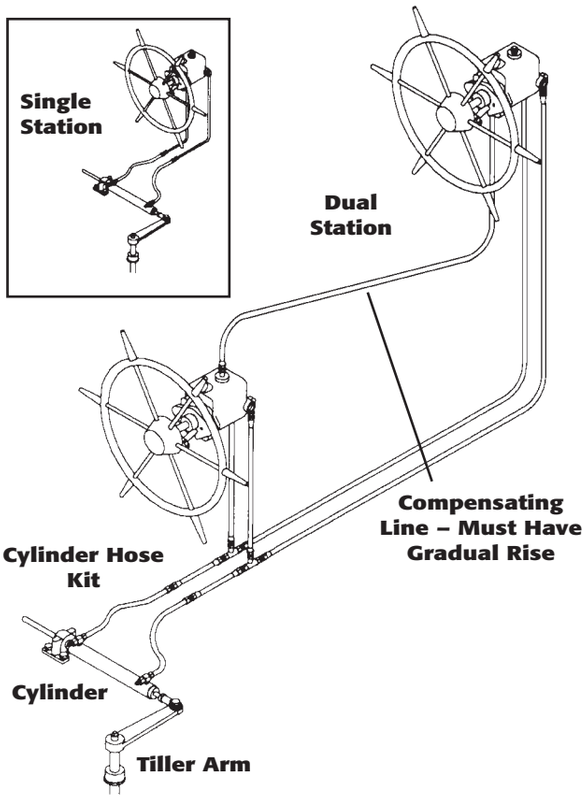
800901	(HF-5501) With Tubing	**$107.95 E**
800914	(HF-5502) Without Tubing	**$52.95 E**

STEERING, CONTROLS

Teleflex SeaStar® Capilano Variable Turns Hydraulic Steering System

The helm pump features variable displacement enabling the helmsman to adjust the steering wheel turns to suit various maneuvering and weather conditions. Meets ABS, Lloyd and Det Norske Veritas specifications. Systems are not air-pressurized; no air leaks or pressure drops. Each helm is its own reservoir; separate reservoir not needed.

For most inboard powered boats with single or twin engines from 30 to 55 feet in length. **This application guide should be used with discretion.** It is the final responsibility of the boat designer-builder to specify maximum expected steering loads.

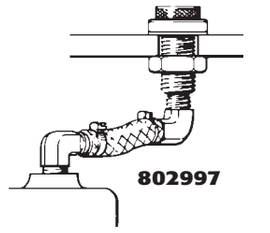




Teleflex SeaStar® Helm Pumps

A unique variable displacement feature allows the number of steering wheel turns to be adjusted by the helmsman within a predetermined range. Shaft is 3/4" standard taper with 5/8 NF threads. Protected by built-in 1000 PSI pressure relief valves.

802505 (HH-5250) 1250V Helm Pump **$967.95 E**
802517 (HH-5275) 1275V Helm Pump **$1,069.95 E**



Teleflex Fitting Kits

Tubing fitting kit to install the SeaStar Capilano Inboard Steering System on your vessel. Kit to fit a hydraulic steering station.

802911 (HF-5591) 1/2″ **$75.95 E**
801779 (HF-5592) 5/8" **$49.95 E**

Teleflex SeaStar® Accessories

802997 (HA-5450) Helm Remote Fill Kit (Through-Dash) **$50.95 E**
803014 (HB-0573) Wheel Bushing 3/4″ to 1″ - Straight **$28.95 E**

Teleflex Inboard Hose Kit

This hose kit contains two (2) 18" hoses for single cylinder installations.

802808 (HA-5731) **$64.95 E**

Teleflex Inboard Cylinder Seal Kits

803230 (HS-5182) 1.50 **$40.95 E**
803242 (HS-5183) 1.75 **$44.95 E**
803255 (HS-5184) 2.00 - 7" **$45.95 E**
803266 (HS-5185) For BA200-11 **$43.95 E**

Teleflex Helm Seal Kit

803204 (HS-5161) 1250V/1275V, 250V/275V **$37.95 E**



Teleflex SeaStar® Trunion Mount Cylinders

All bronze and stainless steel construction. Comes with bronze rod and clevises and 7" standard travel, except **802644** (HC-5379) which has 11" standard travel. All models feature special engineered bleed fittings. Single cylinder may be used for single rudder or dual rudder with tie bar.

Balanced Cylinders		Max. Torque	Helm	
802606	(HC-5355) BA150-7TMC	7,117 in. lbs.	1250V	**$797.95 E**
802618	(HC-5356) BA175-7TMC	9.569 in. lbs.	1250V	**$902.95 E**
802632	(HC-5357) BA200-7TMC	13,200 in. lbs.	1250V	**$925.95 E**
802644	(HC-5379) BA200-11TMC	19,900 in. lbs.	1275V	**$1,096.95 E**

Hynautic Hy-Trac Outboard Hydraulic Steering Systems



- Extremely simple to install. System includes all necessary hardware and 50 ft. of hose with attached helm fittings and cylinder fittings so you can custom cut the hose at the cylinder end to the exact length you need.
- Ultra sleek cylinder design requires less space around the engine and improves the appearance of your boat.
- Cylinder remains stationary eliminating the chafing and wear of hoses associated with other systems.
- Accepts port or starboard hose connections.
- Helm mounts in front of or behind dash and is powder coated for extra corrosion resistance and longer life.
- Stainless steel helm shaft.
- Unique no-mess purge kit. Bypass tube easily connects to cylinder, fill-tube connects to helm, then just rotate wheel to purge.

Neatly mounts to most V4 and V6 engines without using the tilt tube. Eliminates torque feedback from the engine for effortless steering. Package includes: "Glide-free" HH-5273 smooth-action helm, ultra-sleek, low-profile K-6 cylinder, all mounting hardware for helm and cylinder, hose fittings kit, half gallon of hydraulic fluid, complete purging kit and installation and owner's manual.

402090 (OB-300-11)	Without Marine Steering Hose	**$1,353.95 E**
402104 (OB-300-11H)	With 20' Marine Steering Hose	**$1,471.95 E**

Hynautic Manual Hydraulic Steering for Inboards Only

Tugs Boats and Net Haulers to 30' • Work and Pleasure Boats to 40' • Planing Hulls to 50'
Order the Following Components

1	Each Helm (3/4" Tapered Shaft)	H-25 or	1	Each Relief Valve	MSV-21	1	Each Cylinder	HC-5369HYC
1	Each Helm (1" Straight Shaft)	H-21	1	Each Relief Fitting	MSVF-07	1	Each Cylinder Fitting	KF-05
1	Each Helm Fitting	HF-10	1	Each Reservoir	R-06	1	Each Hydraulic Oil 1/2 Gallon	MCO-01

Tugs Boats and Net Haulers to 35' • Work and Pleasure Boats to 45' • Planing Hulls to 50'
Order the Following Components

1	Each Helm (3/4" Tapered Shaft)	H-25 or	1	Each Relief Valve	MSV-21	1	Each Cylinder	HC-5373HYC
1	Each Helm (1" Straight Shaft)	H-21	1	Each Relief Fitting	MSVF-07	1	Each Cylinder Fitting	KF-05
1	Each Helm Fitting	HF-10	1	Each Reservoir	R-06	1	Each Hydraulic Oil 1/2 Gallon	MCO-01
			1	Each 1/2" Copper Fitting	MSRF-01			

Tugs Boats and Net Haulers to 40' • Work and Pleasure Boats to 55' • Planing Hulls to 60'
Order the Following Components

1	Each Helm (3/4" Tapered Shaft)	H-42-02	1	Each Relief Fitting	MSVF-13	1	Each Cylinder	HC-5802HYC
1	Each Helm Fitting	HF-21	1	Each Reservoir	R-06	1	Each Cylinder Fitting	KF-60
1	Each Relief Valve	MSV-21	1	Each 1/2" Copper Fitting	MSRF-01	1	Each Hydraulic Oil 1/2 Gallon	MCO-01

Tugs Boats and Net Haulers to 45' • Work and Pleasure Boats to 65' • Planing Hulls to 65'
Order the Following Components

1	Each Helm (3/4" Tapered Shaft)	H-41-02	1	Each Relief Fitting	MSVF-13	2	Each Cylinders	HC-5373HYC
1	Each Helm Fitting	HF-21	1	Each Reservoir	R-06	2	Each Cylinder Fittings	KF-60
1	Each Relief Valve	MSV-21	1	Each 1/2" Copper Fitting	MSRF-01	2	Each Hydraulic Oil 1/2 Gallon	MCO-01

Tugs Boats and Net Haulers to 50' • Work and Pleasure Boats to 75' • Planing Hulls to 70'
Order the Following Components

1	Each Helm (3/4" Tapered Shaft)	H-41-02	1	Each Relief Fitting	MSVF-13	2	Each Cylinders	HC-5802HYC
1	Each Helm Fitting	HF-21	1	Each Reservoir	R-06	2	Each Cylinder Fittings	KF-60
1	Each Relief Valve	MSV-21				2	Each Hydraulic Oil 1/2 Gallon	MCO-01

STEERING, CONTROLS

Hynautic Heavy Duty Helm Units



Hynautic Heavy Duty Helm Units

Hynautic standard helm units combine one or two bidirectional axial piston pumps with pilot check and makeup check valving. The result is a unit which prevents rudder feedback, is very efficient (even at low r.p.m.) & is immediately adaptable to multi-station use. For boats up to 70 feet. Sold each.

401404	(H-21)	2.75 cu. in. Displ.	1" Straight Shafts	**$797.95 E**
401428	(H-25)	2.75 cu. in. Displ.	3/4" Tapered Shafts	**$797.95 E**
401442	(H-42-02)	4.0 cu. in. Displ.	3/4" Tapered Shafts	**$1,382.95 E**

Accessories

401555	(HF-07)	Trim Pieces Only	20 & 40 Series	**$48.95 E**
401567	(HF-10)	Fittings for Main Station	H-20 Series	**$49.95 E**
401579	(HS-01)	Seal Kit – H-20 Series w/External Seal		**$28.95 E**
401593	(HS-02)	Seal Kit – H-20 Series w/Internal Seal		**$28.95 E**
401606	(HS-04)	Seal Kit – H-40 Series w/Internal Seal		**$28.95 E**

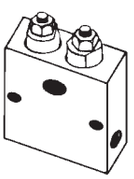
Hynautic Reservoir



Hynautic Reservoir

Made of T-6061 aluminum, reservoirs are pressure tested for a minimum of 100 hours and shipped complete with front reading pressure gauge, fluid level indicator and return line filter.

401624	(R-06)	Capacity: 2 quart	**$294.95 E**
401668	(MSRF-01)	Straight Fittings - 1/2" Copper Tube	**$71.95 E**

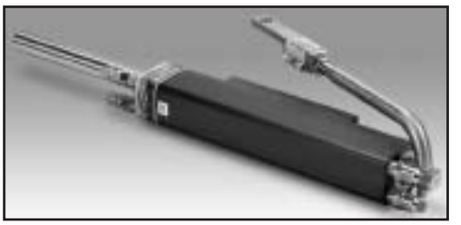


Hynautic Relief Valve

They are intended to protect the system's components and assist in purging air. Port size: 1/4 - 20 NPT.

401620	(MSV-21)	Relief Setting: 950 PSI	**$197.95 E**

Hynautic Cylinders



Hynautic Engine Mount Aluminum Cylinders

Cylinders with aluminum barrels and end caps are designed for boats up to 38 ft. where steering loads are less than 10,000 in. lbs. of torque. Cylinder barrel and ends are anodized T-6061 aluminum. Cylinder rods are 303 stainless steel. All cylinders have replaceable wiper seals.

Balanced

401769	(K-6)	1-1/2" Bore	7-3/4" Stroke	**$491739E**

Hynautic Seal Kit for Aluminum Cylinders

402026	(KS-01) Seal Kit – K-11 thru K-17 Cylinders	**$30.95 E**

Hynautic Brass Cylinders with Clevis End

Brass cylinders are for use on larger boats (to 70 ft. approx.). Tubes, ends and external tie rods are brass, cylinder rods are 303 stainless steel and mounts are manganese bronze. Cylinder types: Universal mount. 9" Stroke.

With Clevis End

401707	(HC5369HYC)	K-1-C	1-1/2" Bore	**$659.95 E**
401757	(HC5802HYC)	K-3-C	2" Bore	**$1,745.95 E**

Hynautic Brass Cylinder with Ball Joint

Brass cylinders are for use on larger boats (to 70 ft. approx.). Tubes, ends and external tie rods are brass, cylinder rods are 303 stainless steel and mounts are manganese bronze. Cylinder types: Fixed mount.

401822	(K-22)	1-1/2" Bore	10" Stroke	**$730.95 E**

Hynautic Accessories for Brass Cylinders

401909	(KF-05)	Fittings	All Except K-6 and K-10	**$72.95 E**
401985	(KS-06)	Seal Kit	K-21 - K-29 (After 1983)	**$28.95 E**
402040	(KS-11)	Seal Kit	K-1	**$28.95 E**
402052	(KS-12)	Seal Kit	K-2	**$28.95 E**
402015	(670030)	Ball Joint	K-22 and K-29	**$202.95 E**

Hynautic Miscellaneous Parts

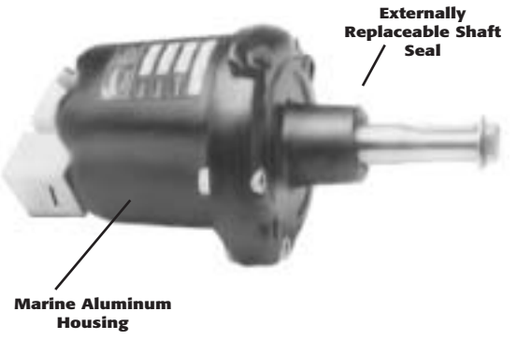
401961	(690110)	5/16" Hose Fitting	**$12.95 E**
401656	(160012)	0-60 PSI Gauge	**$22.95 E**
401543	(HF-05)	Fitting Kit f/SeaStar Helm to Hynautic	**$41.95 E**
800892	(HF-45)	Fitting Kit f/SeaStar Cyl. to Hynautic	**$137.95 E**

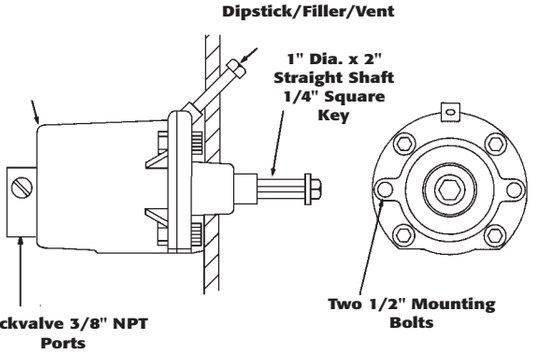
Hynautic to SeaStar Cross Reference

Hynautic		SeaStar		
Part No.	**Desc ription**	**Part No.**	**Description**	**Remark**
HyDyne-1000	O/B Power Assist Cylinder	N/A		This steering has been oboleted.
K-1-B	I/B Universal Mount 150 - 9" Cyl.	HC5369HY	BA150-9TM	Advisory Notice 764624
K-1-C	I/B Universal Mount 150 - 9" Cyl. w/Clevis	HC5369HYC	BA150-9TM with Clevis	Advisory Notice 764624
K-10	O/B Slide Plate Cylinder	HC5345HY, HC5347HY, HC5348HY, HC5358HY,	O/B Pivot Plate Cylinder	Advisory Notice 764624
K-11	I/B Ball Mount 125 - 9" Stroke Cylinder	HC5380HY	Splashwell Mount 125 - 9" Cylinder	Advisory Notice 764613
K-11S	I/B Ball Mount 125 - 9" Stroke Cylinder	HC5380HY	Splashwell Mount 125 - 9" Cylinder	Advisory Notice 764613
K-12	I/B Ball Mount 125 - 7" Stroke Cylinder	HC5380HY	Splashwell Mount 125 - 9" Cylinder	2" Longer Stroke - Advisory Notice 764613
K-13	O/B Side Mount Cylinder	HC5370HY	O/B Side Mount Cylinder 125 - 8"	1" Shorter Stroke - Advisory Notice 764614
K-14	I/O Tube Mount 125 - 7" Cylinder	HC5370HY.	O/B Side Mount Cylinder	See Application for details for Specific Cyl. -
		HC5328HY.	I/O 125 - 8EM Cylinder	Advisory Notice 764614
		HC5329HY.	I/O 125 - 8VEM Cylinder	
K-18	I/B Ball Mount 125 - 7" Stroke Cylinder	HC5370HY	Side Mount 125 - 8" Cylinder	Stroek & Mount Differ (HC5312 might be an Option)
K-19	I/B Ball Mount 125 - 9" Stroke Cylinder	HC5370HY	Side Mount 125 - 8" Cylinder	Stroek & Mount Differ (HC5313 might be an Option)
K-2-B	I/B Universal Mount 175 - 9" Cylinder	HC5373HY	BA175 - 9" Stroke	Advisory Note 764625
K-2-C	I/B Universal Mount 175 - 9" Cyl. w/Clevis	HC5373HY	BA175 - 9" Stroke with Clevis	Advisory Note 764625
K-22	I/B Fixed Mount 150 - 10" Cylinder	K-22		The Hynautic Version will stay as is.
K-27	I/B Fixed Mnt. 150 - 10" Cyl. Rod Ends on both ends	K-27		The Hynautic Version will stay as is.
K-28	I/B Fixed Mount 150 - 12" Cylinder	K-22		Only Difference is the Stroke
K-29	I/B Fixed Mnt. 150 - 12" Cyl. Rod Ends on both ends	K-27		Only Difference is the Stroke
K-3-B	I/B Universal Mount 200 - 9" Cyl. Ball Joint	HC5802HY	BA200-9 Cylinder (P/S add on Cylinder)	Retracted Length is ~ 3.5" Longer on the HC5802HY Cly. - Advisory Notice 764615
K-3-C	I/B Universal Mount 200 - 9" Cyl. Clevis	HC5802HYC	BA200-9 Cyl. (P/S add on Cyl.) w/Clevis	Retracted Length is ~ 3.5" Longer on the HC5802HY Cly. - Advisory Notice 764615
K-31	I/B Fixed Mount 200 - 10" Cylinder	K-31		The Hynautic Version will stay as is.
K-33	I/B Fixed Mount Cylinder	?		None
K-4-B	I/B Universal Mount 200 - 12" Cylinder	HC5378HY	BA200-11 Cylinder	1" Shorter Stroke - Advisory Notice 764616
K-4-C	I/B Universal Mount 200 - 12" Cylinder	HC5379HY	BA200-11 Cylinder with Clevis	1" Shorter Stroke - Advisory Notice 764616
K-5	I/B Unbalanced 150 - 9" Cylinder			Hynautic K-5 Program will stay as is.
K-51	I/B BA150-7 Cylinder	HC5314HY	I/B BA150-7ATM Cylinder	Advisory Notice 764626
K-59	I/B Tube Mount Unbalanced 125 - 7" Cyl.	HC5370HY,	O/B Side Mount Cylinder	HC Versions are Unbalanced, K-59 is a
		HC5328HY,	I/O 125-8EM Cylinder	Balanced Cylinder See Application for details for
		HC5329HY	I/O 125-8VEM Cylinder	Specific Cylinder
K-6	O/B Front Mount, Drag Link Cylinder	K-6		HyTrac kits will remain in some form.
K-6S	I/O K-6 Cylinder (Non Power-Assist)	HC5332	I/O Merc/Volvo SX 135-7EM Cylinder	
K-8	I/B Universal Mount 250 - 9.5" Cyl.	K-8		
K-9	I/B Universal Mount 250 - 14.5" Cyl.	K-9		
PSK-10	Servo Cylinder	HC5801HY	SeaStar P/S 9" Cylinder	Replaces PSK-10 and Power Cylinder
PSK-11	Open Center Servo Cylinder	HC5803HY	SeaStar P/S 11" Cylinder	Replaces PSK-11 and Power Cylinder
PSK-12	Closed Center Servo Cylinder	N/A		No Equivalent Product

Hynautic		SeaStar		
Part No.	**Desc ription**	**Part No.**	**Description**	**Remark**
H-116	1.6 Rear Mount Helm	HH5260	1.7 SeaStar Rear Mount Helm	Advisory Notice 764618
H-120	2.0 Rear Mount Helm	HH5261	2.4 SeaStar Rear Mount Helm	Advisory Notice 764618
H-124	2.4 Rear Mount Helm	HH5262	2.4 SeaStar Rear Mount Helm	Advisory Notice 764618
H-21	2.75 Remote Reservior Helm w/1" Straight Shaft	N/A		Will continue to manufacture 20 Series Helms
H-22	2.0 Cid/Rev. 1" Straight Shaft	N/A		Will continue to manufacture 20 Series Helms
H-216	1.6 Tilt Helm	HH5741	1.7 SeaStar Traditional-Tilt Helm	Advisory Notice 764619
H-220	2.0 Tilt Helm	HH5743	2.0 SeaStar Traditional-Tilt Helm	Advisory Notice 764619
H-22-2	Helm Pump	N/A		Will continue to manufacture 20 Series Helms
H-224	2.4 Tilt Helm	HH5742	2.4 SeaStar Traditional-Tilt Helm	Advisory Notice 764619
H-25	2.75 Remote Reservior Helm with 3/4" Tapered Shaft	N/A		Will continue to manufacture 20 Series Helms
H-26	2.0 Remote Reservior Helm with 3/4" Tapered Shaft	N/A		Will continue to manufacture 20 Series Helms
H-29				Designed for Auto Pilot Drive
H-316	Marol 1.6 Helm	HH5271	1.7 SeaStar Helm	Advisory Note 764621
H-320	Marol 2.0 Helm	HH5273	2.0 SeaStar Helm	Advisory Note 764621
H-324	Marol 2.4 Helm	HH5272	2.4 SeaStar Helm	Advisory Note 764621
H-38	H-25 With Shorter Shaft. (Special)	???		
H-41	5.5 Remote Reservior Helm with 1" Straight Shaft	N/A		Will continue to manufacture 40 Series Helms
H-41-2	5.5 Remote Reservior Helm with 3/4" Tapered Shaft	N/A		Will continue to manufacture 40 Series Helms
H-42	4.0 Remote Reservior Helm with 1" Straight Shaft	N/A		Will continue to manufacture 40 Series Helms
H-42-02	4.0 Remote Reservior Helm with 3/4" Tapered Shaft	N/A		Will continue to manufacture 40 Series Helms
H-42-04	40 Series Helm	N/A		Will continue to manufacture 40 Series Helms
H-50	2.0 Remote Reservior Helm	HH5273 with HA5418	SeaStar 2.0 Front Mnt. Helm w/a Back Mnt Kit	H-50 Series Helms will stay-for alternatives
H-51	2.75 Remote Reservior Helm	HH5272 with HA5418	SeaStar 2.4 Front Mnt. Helm w/a Back Mnt Kit	see Advisory Notice 764623
H-52	1.65 Remote Reservior Helm	HH5271 with HA5418	SeaStar 1.7 Front Mnt. Helm w/a Back Mnt Kit	
H-702-4	Tilt Helm DF 3/4" Spline	???		Product for the Industrail Market
H-816	1.6 80 Series Compact Helm w/Int.Reservior & Relief	HH5271	1.7 SeaStar Helm	Advisory Note 764622
H-820	2.0 80 Series Compact Helm w/Int.Reservior & Relief	HH5273	2.0 SeaStar Helm	Advisory Note 764622
H-824	2.4 80 Series Compact Helm w/Int.Reservior & Relief	HH5272	2.4 SeaStar Helm	Advisory Note 764622

Wagner Hydraulic Steering Helm Pumps



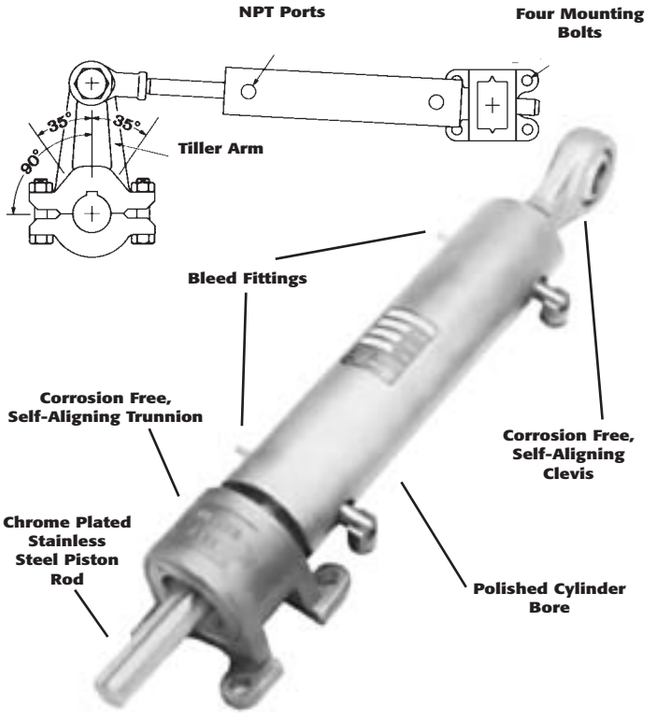


Wagner Hydraulic Steering Helm Pumps

Model B helm pumps are constructed of high strength aluminum castings, which include the following exceptional features: Front and back bearings, lockvalve and manifold or in-line with optional relief valve. High overall output efficiency.

677350 (B1)		**$1,389.95 D**
677364 (B2)		**$1,570.95 D**
677508 (119-0002)	Seal Kit for 701 Helm Pump	**$33.95 D**
677520 (119-0085)	Seal Kit for B1 & B2 Helm Pumps	**$62.95 B**

Wagner Trunion Mount Cylinders



Wagner Hydraulic Steering Trunion Mount Cylinders

Type N steering cylinders are constructed of high grade marine brass, designed for recreational and commercial applications. Includes the following features: Precision ground chrome plated stainless steel piston rod, self-aligning spherical bearings, low friction piston and rod seals and piston rod wipers. Type approved by society classification.

677400 (N40-120)		**$1,477.95 D**
677412 (N40-190)		**$1,520.95 D**
677424 (N50-190)		**$1,670.95 D**
677445 (119-0082)	Cylinder Kit for N40-120/190	**$77.95 B**
677456 (119-0083)	Cylinder Kit for N50-190/300	**$104.95 B**
677468 (119-0084)	Cylinder Kit for N80-190/300	**$109.95 B**

Jastram Jog Lever

Jastram Jog Lever

Jog "non follow-up" power steering lever offers an economical and effective means of steering your vessel with minimal effort. Just by moving the handle you send an electric signal to the directional valve on the hydraulic power unit. This, in turn, sends fluid to your steering cylinder, causing the vessel to turn to port or starboard as desired. Jog levers, unlike full follow-up loevers, have a spring loaded handle that always returns to center when released. For replacement of old style Wagner Job Switch, **677746** adapter plate is required.

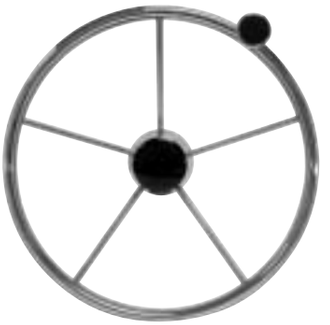
677745 (WA-701005-1)		**$434.95 D**
677746 (WA-950078-1)	Adapter Plate Kit	**$51.95 D**
677750 (605-003)	Replacement Spring	**$24.95 A**





Adapter Kit

Marpac Steering Wheels



Marpac Destroyer Type Steering Wheels with Control Knob

Stainless steel. 5 spoke Destroyer type steering wheel with finger grips and control knob. Each wheel has a 22° of dish with 1/2" diameter spokes and fits a standard 3/4" tapered shaft helm.

7-0687	Diameter 13-1/2"	**$102.95 F 3Q**
7-0688	Diameter 15-1/2"	**$105.95 F 3Q**



Marpac Destroyer Type Steering Wheels

Non magnetic type 304 stainless steel. 5 spoke Destroyer type steering wheel with black plastic center cap. Each wheel has a 22° of dish with 3/8" diameter spokes and fits a standard 3/4" tapered shaft helm.

7-0248	Diameter 13-1/2"	**$49.95 F 3Q**
7-0250	Diameter 15"	**$54.95 F 3Q**
7-9063	Replacement Center Cap	**$6.95 F**



Marpac Stainless Steel Steering Wheel

Stainless steel. Single spoke steering wheel for a custom yacht appearance. No set screw required. Fits a standard 3/4" tapered shaft helm.

7-0695	Diameter 13"	**$389.95 F 3Q**



Marpac Steering Wheel Control Knob

Heavy duty cast marine grade stainless steel. Fits most oval shaped Destroyer type steering wheels.

7-0255		**$23.95 F 3Q**



Marpac Aluminum Steering Wheels with Knob

Steering wheel with finger grips and turning knob. Polished with an anodized satin finish. Includes: Washer and nut. Fits a standard 3/4" tapered shaft helm.

Includes: 1/2" threaded nut for Teleflex mechanical steering.

7-0696	Diameter 13" - Steering Wheel Kit	**$383.95 F 3Q**
7-0701	Diameter 15-1/2" - Steering Wheel Kit	**$287.95 F 3Q**
7-0698	Spare 1/2" Nut	**$40.95 F 3Q**

Includes: 5/8" threaded nut for Teleflex hydraulic steering.

7-0697	Diameter 13" - Steering Wheel Kit	**$383.95 F 3Q**
7-0702	Diameter 15-1/2" - Steering Wheel Kit	**$287.95 F 3Q**
7-0699	Spare 5/8" Nut	**$40.95 F 3Q**



Marpac Stainless Steel Steering Wheels with Knob

Steering wheel with turning knob. Solid investment cast hub. No set screw required. Includes: Stainless steel cap nut. Fits a standard 3/4" tapered shaft helm.

Includes: 1/2" stainless steel cap nut.

7-0709	Diameter 13" - Steering Wheel Kit	**$162.95 F 3Q**
7-0708	Diameter 15" - Steering Wheel Kit	**$162.95 F 3Q**
7-0706	Spare 1/2" Nut	**$27.95 F 3Q**

Includes: 5/8" stainless steel cap nut.

7-0705	Diameter 13" - Steering Wheel Kit	**$162.95 F 3Q**
7-0704	Diameter 15" - Steering Wheel Kit	**$163.95 F 3Q**
7-0707	Spare 5/8" Nut	**$27.95 F 3Q**

G. G. Schmitt Steering Wheels



G. G. Schmitt Contemporary Captain's Wheels

All Schmitt steering wheels are designed for beauty as well as durability. Oval section rings provide a comfortable grip for easy steering. The basic construction is TIG welded, highly polished nonmagnetic stainless steel with Pakkawood Trim. BIA accepted. Woodgrain Pakkawood handles and center cap. Handle flare of 2-1/4". 10° dish. Fits standard 3/4" taper shafts.

602652 (211-18-111) 18" Tip to Tip	5 Spoke	Spoke Diameter 5/16"	**$214.95 H**
602676 (222-24-111) 24" Tip to Tip	6 Spoke	Spoke Diameter 3/8"	**$258.95 H**

All Schmitt steering wheels are designed for beauty as well as durability. Oval section rings provide a comfortable grip for easy steering. The basic construction is TIG welded, highly polished nonmagnetic stainless steel with Pakkawood Trim. BIA accepted.


602070

G. G. Schmitt Heavy Duty Stainless Steel Destroyer Type Wheels

Tubular spokes welded at hub and ring. 6 spokes. Solid hub length is 2-1/8". Diameter is 2-1/4".

602056 (532-20-900) Diameter 20"	1" Straight Bore	Spoke Dia. 3/8"	**$265.95 H**
602070 (532-24-900) Diameter 24"	1" Straight Bore	Spoke Dia. 3/8"	**$294.95 H**
602082 (533-28-900) Diameter 28"	1" Straight Bore	Spoke Dia. 1/2"	**$340.95 H**
602094 (533-32-900) Diameter 32"	1" Straight Bore	Spoke Dia. 1/2"	**$402.95 H**


602789

G. G. Schmitt Destroyer Type Wheels

Woodgrain Pakkawood center cap. 6 spokes. 10° dish.

602753 (152-18-111) Diameter 18"	3/4" Taper	Spoke Diameter 3/8"	**$121.95 H**
602765 (152-20-111) Diameter 20"	3/4" Taper	Spoke Diameter 3/8"	**$139.95 H**
602121 (153-20-117) Diameter 20"	1" Straight	Spoke Diameter 1/2"	**$221.95 H**
602789 (152-24-111) Diameter 24"	3/4" Taper	Spoke Diameter 3/8"	**$181.95 H**
7-0255 Knob Fits Most Destroyer Type Wheels			**$23.95 F 3Q**

G. G. Schmitt Destroyer Type Model 170 Foam Grip Wheel

Made of highly polished non-magnetic stainless steel, which is T.I.G. welded for maximum strength. Foam grip for a soft and comfortable feel. Black center cap included. 5 spokes. Hub size: 1"/Ft Taper (3/4" shaft) or straight. Diameter 15-1/2".

602791 (172-15-21F2) **$99.95 H**


602791



G. G. Schmitt Steering Wheel

838649 Vespucci **$148.95 E**



G. G. Schmitt Steering Wheel

Forza Plus Marine. Poly with the hub embeded.

838637 Forza Plus Marine **$56.95 E**



G. G. Schmitt Steering Wheel

Fantasy 2001-N. Black polyurethane with silver inserts.

838625 (C35014420) **$91.95 E**

Steering Wheels



Marpac Plastic Steering Wheel
Black rugged construction. Fits a standard 3/4" tapered shaft helm. Diameter 13".

7-0252 **$21.95 F 3Q**



G. G. Schmitt Steering Wheel
Steering wheels are CE marked. The standard hub for every wheel is 3/4" tapered. Black Soft Grip with Silver Spokes. Diameter 13.8".

838687 (PU0130101) Corsica **$54.95 E**



Teleflex Champion Steering Wheel
Black rugged construction. Fits 3/4" standard tapered helms. Diameter 13".

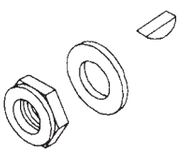
838601 (SW59291B) **$23.95 Q**

Teleflex Steering Wheel Bushing

Teleflex Steering Wheel Bushing
Solid brass construction, adapts 1" straight steering wheel hub to 3/4" tapered helm shaft.

803014 (HB-0573) **$28.95 E**

Teleflex Steering Wheel Hardware Kit



Teleflex Steering Wheel Hardware Kit
Kit consist of 1/2" NFT locknut, flat washer and woodruff key (half moon). For all mechanical helms with tapered shaft.

649538 (SA-27454) **$8.95 Q**

Edson Steering Wheels

Edson



Fig. 603C

Fig. 601C



SPECIAL ORDER ONLY

Edson Teak Yacht Wheels

These beautifully crafted wheels will give years of service and pleasure to the owner who wants the best workmanship on his yacht, work boat or fishing boat. Hand made from seasoned stock selected for matching grain and color. Highly polished chrome bronze hub. Furnished with 1" straight bore. Available in sizes from 20" to 38" on special order.

Fig. 601C teak yacht wheels are spoked wheels.

Fig. 603C teak wheels come with a laminated 1" diameter natural teak rim installed.

Special Order Only

Edson

SPECIAL ORDER ONLY



Edson Character Wheels

Fig. 688 character wheels are designed and finished with "character". Patterned after the traditional heavy cast iron wheels, these lightweight wheels are cast in corrosion resistant anodized aluminum, heated treated to T-6 hardness. They are coated in tan polyurethane and feature varnished teak handles. Furnished with 1" straight bore. Available in sizes 20", 25", 30" and 35" spoke to spoke on special order.

Special Order Only

T-H Marine Foot Throttles

T-H Marine



T-H Marine Top Load Foot Throttles

Features: Cables load from the top safety out of the way, safely returns throttle idle, nylon and teflon bushings on pivot points, hot new graphics, stainless steel return spring.

640322 (HF-1T) Fits OMC and Mercury **$149.95 H**
640335 (HF-1CT) Fit Chrysler and Yamaha **$149.95 H**

T-H Marine

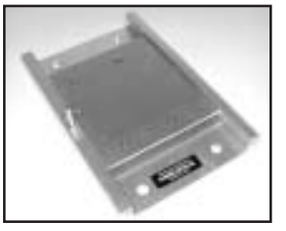


T-H Marine Hot Foot™ - Foot Throttle

Original marine foot throttle for O/B, I/O and inboard engine applications. Aluminum casting to reduce weight and resist corrosion. Stainless steel hardware and nonsticking teflon or nylon bearing surfaces for trouble free operation. A stainless steel spring returns engine to idle position when released. Equipped with toe clip for additional safety in extreme operating conditions. Uses standard control cables. Mounts directly to floor of boat with four screws.

640309 (HF-1) Fits OMC and Mercury **$123.95 H**
640310 (HFS-1) Hot Foot Repl. Spring (All Models) **$9.95 H**

T-H Marine



T-H Marine Hot Foot™ - Slide Mount

This sliding mount allows easy adjustment of the Hot Foot throttle position for different drivers or driving conditions. Mount allows over 5" of adjustment. All aluminum and stainless steel construction. Sold each per skin packed card.

640361 (HFM-1) **$75.95 H**

Morse Dual-Function, Single or Dual Lever Controls



Morse MT-3 Dual-Function, Single-Lever Controls

Used for outboard, sterndrive, diesel and gasoline inboard engines with hydraulic gears. One lever operates both clutch and throttle. Start and warm-up are done by pulling out the hand levers in the neutral position. This disengages the clutch and allows throttle to be advanced in neutral. Returning to neutral detent reengages clutch. Built-in friction drag helps prevent slippage and throttle creep while underway. It is easily adapted to all types of installation and applications. Control features: Neutral safety switch prevents starting in gear, engine warm-up provision and forward neutral reverse detents. Uses 33C and 33C Supreme Cables. Single control can only be converted to 43C type cable (1/4") with proper kit.

490007 (308601)	Single Control	**$399.95 Q**
490019 (308602)	Twin Control	**$730.95 Q**

Accessories and Parts

490526 (35232-001)	Red Ball Knob	**$11.95 Q**
490538 (35232-004)	Black Ball Knob	**$11.95 Q**
490499 (305499)	Neutral Safety Switch	**$22.95 Q**
490425 (308742)	Conversion Kit	**$81.95 Q**



Morse Premium Engine Controls - Model CH1700/CH7500

Single-lever top mount plus side mount with and without cut-off switch. Precise, smooth, positive action. Ergonomically designed handle with Soft Touch Grip and intuitive positioning of shift interlock, trim switch and other features. New trim switch with tactile feedback. Push button for neutral engine warm-up. Trim switch in grip for one-hand operation. Power tilt when needed for trailering. Neutral interlock and start-in-gear protection switch. "Easy-On" cable design accepts virtually every type of OEM and 3300 type cable.

Comes with Tilt and Trim for O/B.

490297 (CH1700)	Side Mount - Chrome Finish	**$287.95 Q**
490300 (CH7500)	Top Mount - Chrome Finish	**$314.95 Q**

Comes with Tilt only for I/O.

490312 (CH1700)	Side Mount - Chrome Finish	**$265.95 Q**
490324 (CH7500)	Top Mount - Chrome Finish	**$291.95 Q**


490036


490042

Uflex Single-Lever Top Mount Controls

Single lever/dual action control to operate both throttle and shift. Suitable for any type of boats with outboard, inboard or I/O power plants. Enables easy and safe shifting by preventing accidental gear engagement unless engine is idling. Made of chrome plated marine aluminum. Pull-out handle disengages shift for warm-up. Neutral safety switch prevents in-gear starting. Built-in friction to avoid throttle creep. For use with C2, C8 and CO Ultraflex engine control cables.

490036 (B103)	Single-Lever Control for One Engine	**$390.95 E**
490042 (B104)	Single-Lever Control for Two Engines	**$632.95 E**



Morse SL-3 Dual-Function, Dual-Lever Control

A snap to install and a perfect match with any engine; outboards, inboards or sterndrives. Entire gear mechanism is enclosed and permanently lubricated for long-lasting, smooth operation. Port or starboard installation with various cable entry angles. Easily adapted to push or pull mode without tools. "Easy-On" cable designs means no shift or throttle adjustments, no control modifications and accepts virtually every type cable. Push button for neutral engine warm-up. Trim switch in handle grip for one-hand operation. Neutral interlock prevents starting in gear. Adjustable brake prevents throttle creep. Deluxe with trim and tilt switches. Uses 33C, 33C Supreme, OS and KM Cables.

490285 (309481)	Universal Top Mount	**$876.95 Q**



MN Dual-Function, Single-Lever Controls

Deluxe with trim and tilt switches.

490071 (314302-111)	Universal Top Mount	**$135.00 D**
490158 (314295-111)	Universal Side Mount	**$135.00 D**

Morse Dual-Function, Single-Lever Control

Morse MV-2 Side Mount Control

Dual-function. Provides single-lever control of both shift and throttle. Control features: Neutral safety switch prevents starting in gear, has a pullout clutch disengagement feature for warm-up, neutral interlock to prevent accidental shifting, built-in friction drag helps reduce throttle creep, engine warm-up provision and forward neutral reverse detents. Uses 33C & 33C Supreme Cables.

402153 (306950) **$390.95 E**



Accessories and Parts

490526 (35232-001)	Red Ball Knob	**$11.95 Q**
490538 (35232-004)	Black Ball Knob	**$11.95 Q**

Single-Function - One or Two Lever Controls



Marpac International Control

Stainless steel. Single and dual lever/single action. Includes hardware for 33C cables. Not for use with 43C cables.

7-0113 Dual **$199.95 F 3Q**



7-0114



7-0115

Marpac International Controls

Cast stainless steel. Single and dual lever/single action. Includes hardware for 33C and 43C cables.

7-0114	Single	**$131.95 F 3Q**
7-0115	Dual	**$214.95 F 3Q**

Morse S and Twin S

Single-Function, One or Two Lever Controls

Single action control, one lever for clutch and one lever for throttle. Recommended for commercial boats that are subject to hard and continuous use. Highly polished corrosion resistant chrome plated brass covers. High quality, corrosion resistant materials are used on this old time favorite and most copied control. Control features: Adjustable throttle brake, adjustable travel stops and applicable for dual stations. Uses 33C or 33C Supreme Cables. An adapter kit is required for 43C type cable (1/4"-20 thread). **Note:** An Accessory detent kit **490588** (22328) can be used for clutch control applications (except for dual station). This kit provides detent feel at forward, neutral and reverse.

489650 (031002-001)	Single Control	**$239.95 E**
489662 (031001-001)	Twin Control	**$269.95 E**

Accessories and Parts

490588 (22328)	Clutch Detent Kit	**$23.95 F**
490590 (22329)	Throttle Detent Kit	**$21.95 F**
490526 (35232-001)	Red Ball Knob	**$11.95 Q**
490538 (35232-004)	Black Ball Knob	**$11.95 Q**
490401 (042152)	Heavy Duty Cable Attachment Kit	**$32.95 Q**
490350 (61001)	Hardware Mnting. Kit (S & Twin S)	**$44.95 D**



Single Control
489650



Twin Control
489662

Morse Single-Function - One or Two Lever Controls



Morse

Morse SLT Top Mount Control

Revolutionary design stops throttle creep without sacrificing cable efficiency. For use in single or dual station applications with single or twin engines including inboards and I/O's with hydraulic transmissions and outboards utilizing an optional neutral safety switch kit. Each lever has both direct-drive and self-locking lever arm cable connection points. Use direct-drive arm for station-to-station cables and self-locking arm for master station-to-engine cables. Patented self-locking throttle clutch prevents throttle creep. Positive detent for shifts.

839007 (CH-5600) **$429.95 Q**



Morse

Morse Twin SR Single-Function, Two Lever Control

Polished stainless steel cover, marine grade chrome levers and rugged cast hanger plate. Removable cover enables easy access to the control mechanism. Adjustable brakes and stops. Control features: Adjustable throttle brake, adjustable travel stops and applicable for dual stations. Uses 33C and 33C Supreme Cables. An adapter kit is required for 43C type cable.

402141 (36469-001) Twin Control **$331.95 E**

Accessories and Parts

402177 (36326)	Handle Lever	**$43.95 E**
490526 (35232-001)	Red Ball Knob	**$11.95 Q**
490538 (35232-004)	Black Ball Knob	**$11.95 Q**
490413 (40090)	Adapter Kit for Each 43C Cable	**$53.95 H**
402165 (60991)	Hardware Bag – Twin	**$32.95 E**

Morse



Morse ST Side Mount Control

Single-function. One-lever. Economical, durable, throttle controls with a heavy chrome finish. Recommended for gasoline and diesel engines with light throttle loads. Uses 33C and 33C Supreme Cables.

489749 (31791) **$111.95 Q**

Accessories and Parts

490526 (35232-001)	Red Ball Knob	**$11.95 Q**
490538 (35232-004)	Black Ball Knob	**$11.95 Q**

Morse Universal Dual Station Unit

Morse Universal Dual Station Unit

For MN and MT-3 top mount controls. Use of the dual station system allows MN and MT-3 top mount controls to be used for dual station applications. May be used with inboard and outboard engines. A clutch and a throttle DS unit is required for each engine. The selector lever assembly "locks out" the control station not being used. For 33C and 33C Supreme Cables only. For use with Twin S and SR Top Mount Controls

491845 (42577) Dual Station Kit for Twin Disc **$123.95 Q**

T-H Marine Throttle Control Mount



T-H Marine Throttle Control Mount

This bracket provides a simple installation of mounting control box on aluminum and some fiberglass boats. Made of high quality aluminum for a long lasting good appearance. Easily installed on side of boat. Sold each per skin packed card.

640943 (TCM-1) **$32.95 H**

Morse Dual Station Transfer Unit

For Single Function Controls Only - Such As Twin S & Twin SR



Morse Dual Station Transfer Unit

Ideal for parallel dual station installations when two-lever single function controls are used. The transfer unit allows two clutch or two throttle cables to be connected to a single cable leading aft to the engine. These units are recommended for installations with long or difficult cable paths to eliminate undesirable cable bends that cause cable backlash and reduced efficiency.

491895 (061371) **$232.95 Q**

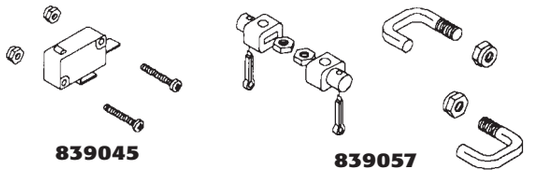
Morse T-Handle DC Control

Morse T-Handle DC Control

Can be mounted flush on the dashboard or the side of the wheel box. Recommended for throttle, choke, air or fuel shutdown requiring up to 3" of travel. Chrome plated T-handle and adjustable stop locking knurled nut. Uses standard 33C cable with 3/16" thread. Optional mounting bracket is available for side of console mounting.

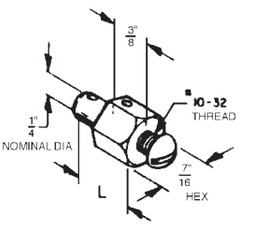
489509 (301916) DC Control **$73.95 Q**
489511 (48210) Mounting Bracket **$42.95 Q**





Morse Replacement Parts for SLT Top Mount Control

839045 (CA-69009) Neutral Safety Switch Kit **$48.95 H**
839057 (CA-69015) Dual Station/3300 Connection Kit **$33.95 H**



Morse Bowden Wire Pivot

Can be used with wire control to trip levers, choke handles, choke knobs, etc. Brass with stainless steel locking screw.

494067 (47641) **$19.95 Q**

Kobelt Push-Pull Control Heads



Kobelt Two Station Single Lever Control Heads

The 2091 and 2092 master control heads feature a pullout handle for overriding throttle. All models are entirely made of die cast silicon bronze and stainless steel hardware. Maximum clutch stroke is 2-3/4" and the maximum throttle stroke is 2-1/4".

441129	(2091)	Single Engine/Master	**$835.95 F**
441131	(2093)	Single Engine/Remote	**$562.95 F**
441181	(2092)	Twin Engine/Master	**$1,592.95 F**
441193	(2094)	Twin Engine/Remote	**$1,025.95 F**
441511	(2046-0901)	33C Cable Kit	**$21.95 E**
441509	(2046-0902)	43C Cable Kit	**$28.95 E**
441117	(2090-1012)	Repl. Chain Assembly	**$115.95 F**

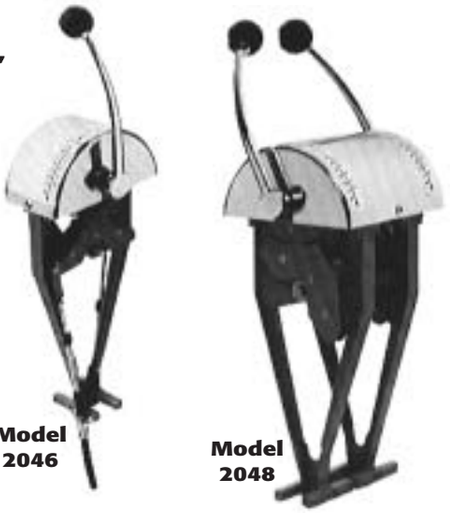
Kobelt Control Head Connection Kits

These kits are designed for attaching a push-pull cable to the control head. Since the cables are either 33 series or 43 series, you need to have the kit that matches the control head and the cable series being used.

441507	(2015-0902)	For 43 Series Cables	**$28.95 E**
441508	(2015-0901)	For 33 Series Cables	**$21.95 E**

Kobelt Control Cables in Interconnect 2090 Series Control Heads

350102	(45808) 16' Cable	**$127.45 G**
350126	(45808) 20' Cable	**$168.35 G**
350140	(45808) 24' Cable	**$180.95 G**
350164	(45808) 28' Cable	**$193.45 G**
350188	(45808) 32' Cable	**$212.25 G**
350190	(45808) 34' Cable	**$221.05 G**
350203	(45808) 36' Cable	**$230.49 G**
350215	(45808) 56' Cable	**$330.25 G**



Kobelt Medium Duty, Single Lever Control Heads

Single station use only. They provide a pullout handle for overriding throttle, roller detents and enumerable options. The clutch travel is maximum 3" and throttle travel is maximum 1-5/8". The 2048 consists of two 2046's jointed on a common frame and dome.

441004	(2046-KU)	Single	**$651.95 F**
441016	(2048-KU)	Twin	**$1,264.95 F**
441511	(2046-0901)	33C Cable Kit	**$21.95 E**
441509	(2046-0902)	43C Cable Kit	**$28.95 E**

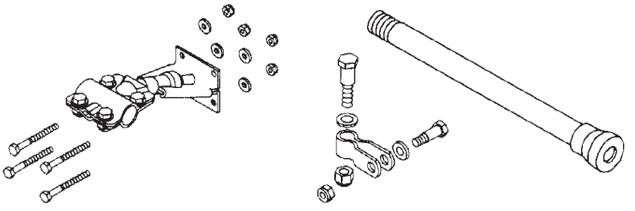
Kobelt Two Handle Push Pull Control Heads

This control incorporates all the features of the Kobelt standard Push Pull Control: 3" stroke, all bronze and stainless steel, and is extremely heavy duty construction. The cable support bracket has been shortened to improve cable attachment access to the Control head. Chrome finish cover and handles.


440987

440987	(2015-DK)	Long Handles w/one Detent & one Friction	**$549.95 F**
440999	(2015-DKU)	Long Curved Handles w/one Detent & one Friction	**$549.95 F**

Power Takeoff Cable Assembly



Power Takeoff Cable Assembly

The power takeoff cable assembly consist of the following items.

494120	(300631-30)	30' Cable	**$587.95 H**
649509	(SA-27314)	Clevis Kit	**$35.95 Q**
649371	(SA-27055)	Clamp Block Assembly	**$81.95 Q**
649447	(SA-27274)	Support Tube – Aluminum	**$20.95 Q**

Morse KE-4 Electronic Control Systems

Teleflex MARINE



Morse KE-4 Electronic Control Systems

KE-4 Is The Ideal Electronic Solution For:

Dual station, three station, and flybridge applications.
Long distances from controls to engines, such as houseboats.
Complex routings from controls to engines.
Replacement of mechanical, hydraulic, or pneumatic controls.

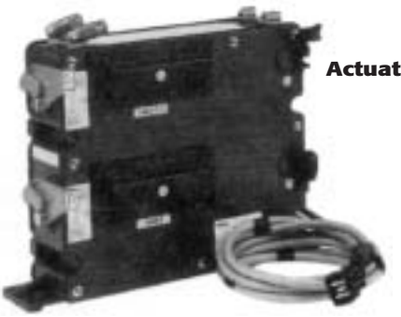
The Morse KE-4 Control System Provides:

Control Of Shift And Throttle In One Lever.
Easy Operation With No Shift Or Throttle Feedback.
'Creep-Free' Performance.
Quick, Easy Installation.
Reliable Overload Protection.
Station Select Switch On Control Head.
Neutral Warm Up Function.
Complete Self-Diagnostic System.
Longer Life Than Mechanical Systems.
Freedom From Control Adjustment Headaches

489132 (NM0511-00)	Gold, Left Hand	Single	**$461.95 E**
489134 (NM0510-00)	Gold, Left Hand	Twin	**$565.95 E**
489143 (NM0534-00)	Chrome, Left Hand	Single	**$461.95 E**
489155 (NM0533-00)	Chrome, Left Hand	Twin	**$654.95 E**

Accessories and Parts

489167 (NM0477-00)	Control Unit - 12 Volt	**$1,372.95 E**
489179 (NM0478-00)	Control Unit - 24 Volt	**$1,372.95 E**
489181 (NM0165-00)	Actuator	**$760.95 E**
489193 (NM0619-05)	Comm. Harness 5M	**$60.95 E**
489200 (NM0616-20)	Remote Control Harness - 20m	**$127.95 E**
489212 (NM0616-14)	Remote Control Harness - 14m	**$97.95 E**
489220 (NM0616-08)	Remote Control Harness - 8m	**$80.95 E**
489244 (NM0414-33)	Power Harness - 10m	**$58.95 E**
330794 (30055-20)	Circuit Breaker - 20 amp	**$7.95 H**
489268 (NJ0251-00)	Buzzer - 12 Volt	**$19.95 E**
489270 (NJ0515-00)	Buzzer - 24 Volt	**$25.95 E**
489319 (NM0605-01)	Sync Master Harness	**$43.95 E**
489321 (NM0605-02)	Slave	**$53.95 E**
489333 (NJ0524-00)	Switch	**$103.95 E**



Actuator



Control Unit

Components for Morse KE-4 Electronic Control System

Needed to Install KE-4 System

Name	Part No.	Required								Note
		Single Engines				Two Engines				
		No. of Station				No. of Station				
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Control Head - Gold	NM0511-00	1	2	3	4	-	-	-	-	
	NM0510-00	-	-	-	-	1	2	3	4	
Control Head - Chrome	NM0534-00	1	2	3	4	-	-	-	-	
	NM0533-00	-	-	-	-	1	2	3	4	
Control Unit										
24V Model	NM0478-00	1	1	1	1	2	2	2	2	
12V Model	NM0477-00	1	1	1	1	2	2	2	2	
Actuator	NM0165-00	1	1	1	1	2	2	2	2	
Communication Harness										
5m	NM0619-05	-	-	-	-	1	1	1	1	
Harness Remote Control										
4m	NM0616-04	1	2	3	4	2	4	6	8	For length other than those listed in the left, consult your dealer.
6m	NM0616-06	1	2	3	4	2	4	6	8	
8m	NM0616-08	1	2	3	4	2	4	6	8	
10m	NM0616-10	1	2	3	4	2	4	6	8	
12m	NM0616-12	1	2	3	4	2	4	6	8	
14m	NM0616-14	1	2	3	4	2	4	6	8	
16m	NM0616-16	1	2	3	4	2	4	6	8	
18m	NM0616-18	1	2	3	4	2	4	6	8	
20m	NM0616-20	1	2	3	4	2	4	6	8	
22m	NM0616-22	1	2	3	4	2	4	6	8	
24m	NM0616-24	1	2	3	4	2	4	6	8	
26m	NM0616-26	1	2	3	4	2	4	6	8	
28m	NM0616-28	1	2	3	4	2	4	6	8	
30m	NM0616-30	1	2	3	4	2	4	6	8	
32m	NM0616-32	1	2	3	4	2	4	6	8	
34m	NM0616-34	1	2	3	4	2	4	6	8	
36m	NM0616-36	1	2	3	4	2	4	6	8	
38m	NM0616-38	1	2	3	4	2	4	6	8	
40m	NM0616-40	1	2	3	4	2	4	6	8	
50m	NM0616-50	1	2	3	4	2	4	6	8	
Harness Power Supply										
5m	NM0414-28	2	2	2	2	4	4	4	4	
10m	NM0414-33	2	2	2	2	4	4	4	4	
Circuit Breaker										Option
20A	NJ0514-00	2	2	2	2	4	4	4	4	
Buzzer										Option
24V Model	NJ0515-00	1	2	3	4	2	4	6	8	
12V Model	NJ0251-00	1	2	3	4	2	4	6	8	
Cable	33C	2	2	2	2	4	4	4	4	Specify the Length
	33C	2	2	2	2	4	4	4	4	
	Supreme	2	2	2	2	4	4	4	4	
Mechanical Control Head	Use Morse Standard Control Head	1	1	1	1	2	2	2	2	
Cable (Cable for Manual Operation)	33C	2	2	2	2	4	4	4	4	Option
	33C	2	2	2	2	4	4	4	4	Specify the Length
	Supreme	2	2	2	2	4	4	4	4	

Teleflex i6300 Electronic Control Systems

Teleflex MARINE

Please Contact Your Salesman for More Information

Teleflex i6300 Electronic Control Systems - Single Station

489751	(i6311)	1 Station	1 Engine	**$3,492.95 E**
489763	(i6351)	1 Station	1 Engine with Trim	**$3,566.95 E**
489775	(i6312)	1 Station	2 Engines	**$5,691.95 E**
489787	(i6352)	1 Station	2 Engines with Trim	**$5,755.95 E**
489799	(i6313)	1 Station	3 Engines	**$9,060.95 E**
489802	(i6353)	1 Station	3 Engines with Trim	**$9,191.95 E**

Teleflex i6300 Electronic Control Systems - Add-A- Station

489838	(i6311A)	Add-A-Station	1 Engine	**$1,181.95 E**
489840	(i6351A)	Add-A-Station	1 Engine with Trim	**$1,255.95 E**
489852	(i6312A)	Add-A-Station	2 Engines	**$1,134.95 E**
489864	(i6352A)	Add-A-Station	2 Engines with Trim	**$1,198.95 E**
489876	(i6313A)	Add-A-Station	3 Engines	**$1,507.95 E**
489888	(i6353A)	Add-A-Station	3 Engines with Trim	**$1,638.95 E**

Control Head Styling - The i6300 control heads are ergonomically designed for maximum comfort and control. Available with or without trim switches, they each also include easily adjustable drag and detent to suit the operators preference.

The new i6300 delivers precise control of a boat's shift and throttle functions, thanks to Teleflex's responsive and robust Shift and Throttle Actuators. Available in 12 or 24 volt versions, these actuators are linked to the control head with a single 1/4" CANbus cable - for easy routing and installation. With a single small cable connecting all control stations to the smart actuators, there is no longer a need for heavy, complex wiring harnesses associated with other electronic control systems.

Applications - Suitable for all engines with mechanical shift and mechanical throttle. Single, Twin, Triple and Quad engine combinations. Inboards, OI's and Outboards. One or two station set-ups.

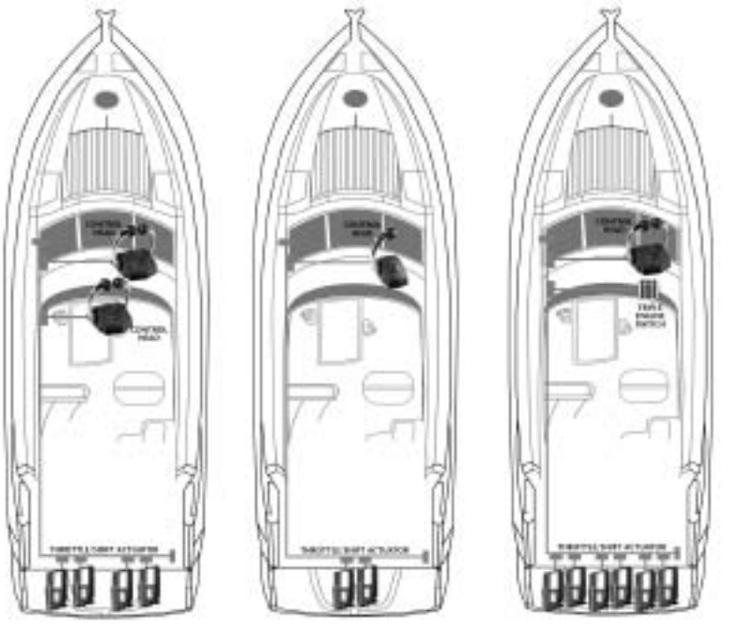
Features - Multiple control head options/styles. Optional trim switch(es) on TE control heads. Drag adjustment standard on TE control heads. 12 and 24 volt versions available. Up to four engine capability. Light coded diagnostic information. Utilizes standard 33c type control cables - TFXtreme type recommended. Full power train synchronization standard on multi-engine applications. Built-in start in-gear protection. Neutral warm-up. Mechanical override "get home" feature. Meets or exceeds all applicable standards.

Information Required to Spec a System

Number of Engines (1, 2, 3 or 4)
Number of Stations
Voltage (12 or 24 volt)
Choice of Control Head Type (TE or KE)
Choice of Control Head Color
Trim Switch Required (yes or no) - not available on KE type
Maximum distance from Actuators to Control Heads (in feet).

Select Appropriate Harness and Cable Lengths in feet for each Station and Engine (See diagrams)

CE107XX	Control Head to ECU
CE101XX	Shift Harness (ECU to Actuator)
CE648XX	Shift Cable (Actuator to Transmission)
CE101XX	Throttle Harness (ECU to Actuator)
CE648XX	Throttle Cable (Actuator to Transmission)
i1001-XX	Power Harness (Battery to ECU)
CE201XX	Battery Cable (Battery to ECU)
CM100XX	Communication Cable (ECU to ECU)



Dual Station Dual Engine | **Single Station Single Engine** | **Single Station Triple Engine**

Teleflex i6300 Electronic Systems - Controls and Accessories

Teleflex MARINE

Please Contact Your Salesman for More Information



Dual Top Mount



Shift and Throttle Actuator



Single Top Mount

Teleflex i6300 Electronic Control Systems - Controls

490057 (CHKCB67650B)	Single Top Mount	Control Head Kit (Black)	**$1,051.95 E**
490069 (CHKCB67651B)	Single Top Mount	Control Head Kit with Trim (Black)	**$1,125.95 E**
490083 (CH67550B)	Dual Top Mount	Control Head Kit (Black)	**$1,003.95 E**
490095 (CH67551B)	Dual Top Mount	Control Head Kit with Trim (Black)	**$1,067.95 E**
490108 (CHKCB67580B)	Dual Top Mount	Control Head Kit for Triples (Black)	**$1,377.95 E**
490111 (CHKCB67581B)	Dual Top Mount	Control Head Kit for Triples with Trim (Black)	**$1,507.95 E**

Teleflex i6300 Electronic Control Systems - Accessories

489915 (i1003)	Power Module	**$116.95 E**
489927 (CE20425)	Power Harness, 25'	**$213.95 E**
489939 (CM10030)	Communication Cable, Extension, M/F 30'	**$96.95 E**
489941 (CM10003)	Micro Cable, Ext, M/F, 3'	**$36.95 E**
489953 (CM10060)	Micro-Tee Adapter	**$33.95 E**
489965 (CM20001)	NMEA Micro-Tee Kit for Dual Engine	**$89.95 E**
489977 (AC67051P)	Actuator, Port (Single) Throttle, Canbus	**$905.95 E**
489989 (AC67052P)	Actuator, Port (Single) Shift, Canbus	**$905.95 E**
489991 (AC67051S)	Actuator, Starboard Throttle, Canbus	**$905.95 E**
489995 (AC67052S)	Actuator, Starboard Shift, Canbus	**$905.95 E**
489999 (AC67051C)	Actuator, Center Throttle, Canbus	**$1,277.95 E**
490021 (AC67052C)	Actuator, Center Shift, Canbus	**$1,277.95 E**
490033 (AC67051CS)	Actuator, Center Starboard Throttle, Canbus	**$1,277.95 E**
490045 (AC67052CS)	Actuator, Center Starboard Shift, Canbus	**$1,277.95 E**
490147 (i5600TOOL)	Diagnostic Scan Tool	**$580.95 E**
490148 (MANIN6300M02)	Installation Manual	**$11.95 E**
490149 (MANOP6300SEM)	Operations Manual - Single	**$11.95 E**
490150 (MANOP6300DEM)	Operations Manual - Dual	**$11.95 E**
490151 (MANOP6300TEM)	Operations Manual - Triple & Quad	**$11.95 E**
490152 (QR6300SE)	Quick Reference - Single Engine	**$5.95 E**
490153 (QR6300DE)	Quick Reference - Dual Engines	**$5.95 E**
490154 (QR6300TE)	Quick Reference - Triple Engine	**$5.95 E**
490155 (QR6300QE)	Quick Reference - Quad Engine	**$5.95 E**

Teleflex i6300 Standard Systems - Single Station Kits and Add-A-Station Kits

DMI #	Teleflex #	Standard Systems - Single Station Kits	489751 (i6311) Single Engine	489763 (i6351) Single Engine w/Trim	489775 (i6312) Dual Engine	489787 (i6352) Dual Engine w/Trim	489799 (i6313) Triple Engine	489802 (i6353) Triple Engine w/Trim	(i6314) Quad Engine	(i6354) Quad Engine w/Trim
Actuators										
489989	AC67052P	Actuator, Port (Single) Shift, Canbus	1	1		1	1	1	1	1
489977	AC67051P	Actuator, Port (Single) Throttle, Canbus	1	1	1	1	1	1	1	1
489995	AC67052S	Actuator, Starboard Shift, Canbus			1	1	1	1	1	1
489991	AC67051S	Actuator, Starboard Throttle, Canbus			1	1	1	1	1	1
490021	AC67052C	Actuator, Center Shift, Canbus					1	1	1	1
489999	AC67051C	Actuator, Center Throttle, Canbus					1	1	1	1
490045	AC67052CS	Actuator, Center Starboard Shift, Canbus							1	1
490033	AC67051CS	Actuator, Center Starboard Throttle, Canbus							1	1
Control Heads										
490057	CHKCB67650B	Single Top Mount, Control Head Kit (Black)	1							
490069	CHKCB67651B	Single Top Mount, Control Head Kit with Trim (Black)		1						
490083	CH67550B	Dual Top Mount Control Head (Black)			1					
490095	CH67551B	Dual Top Mount Control Head with Trim (Black)				1				
490108	CHKCB67580B	Dual Top Mount Control kit for Triples (Black)					1			
490111	CHKCB67581B	Dual Top Mount Control kit for Triples with Trim (Black)						1		
Spec. Ord.	CHKCB67590B	Dual Top Mount Control kit for Quads (Black)							1	
Spec. Ord.	CHKCB67591B	Dual Top Mount Control kit for Quads with Trim (Black)								1
Power Module (i1003)										
489915	i1003	Power Module	1	1	2	2	3	3	4	4
Harnesses/Tees										
489927	CE20425	Power Harness, 25'	1	1	2	2	3	3	4	4
489965	CM20001	NMEA Micro-Tee Kit for Dual Engine	1	1	1	1	1	1	1	1
489953	CM10060	Micro-Tee Adapter	1	1	3	3	5	5	7	7
489939	CM10030	Communication Cable, Extension, M/F 30'	1	1	1	1	1	1	1	1
489941	CM10003	Micro Cable, Ext, M/F, 3'			1	1	2	2	3	3
Manuals										
490149	MANOP6300SEM01	Operations Manual - Single	1	1						
490150	MANOP6300DEM01	Operations Manual - Dual			1	1				
490151	MANOP6300TEM01	Operations Manual - Triple & Quad					1	1	1	1
490152	QR6300SE	Quick Reference - Single Engine	1	1						
490153	QR6300DE	Quick Reference - Dual Engines			1	1				
490154	QR6300TE	Quick Reference - Triple Engine					1	1		
490155	QR6300QE	Quick Reference - Quad Engine							1	1
490148	MANIN6300M02	Installation Manual	1	1	1	1	1	1	1	1

DMI #	Teleflex #	Add-A-Station Kits	489838 (i6311A) Single Engine	489840 (i6351A) Single Engine w/Trim	489852 (i6312A) Dual Engine	489864 (i6352A) Dual Engine w/Trim	489876 (i6313A) Triple Engine	489888 (i6353A) Triple Engine w/Trim	(i6314A) Quad Engine	(i6354A) Quad Engine w/Trim
Control Heads										
490057	CHKCB67650B	Single Top Mount, Control Head Kit (Black)	1							
490069	CHKCB67651B	Single Top Mount, Control Head Kit with Trim (Black)		1						
490083	CH67550B	Dual Top Mount Control Head (Black)			1					
490095	CH67551B	Dual Top Mount Control Head with Trim (Black)				1				
490108	CHKCB67580B	Dual Top Mount Control kit for Triples (Black)					1			
490111	CHKCB67581B	Dual Top Mount Control kit for Triples w/Trim (Black)						1		
Spec. Ord.	CHKCB67590B	Dual Top Mount Control kit for Quads (Black)							1	
Spec. Ord.	CHKCB67591B	Dual Top Mount Control kit for Quads w/Trim (Black)								1
Harnesses/Tees										
489953	CM10060	Micro-Tee Adapter	1	1	1	1	1	1	1	1
489939	CM10030	Communication Cable, Extension, M/F 30'	1	1	1	1	1	1	1	1

Mathers MicroCommander Electronic Engine Controls



455239

NEW Controls



455226



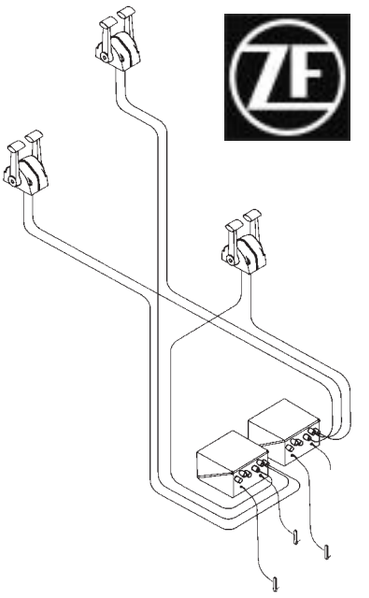
455243



455232



455231



Cost competitive with hydraulic systems and the price is lower than pneumatic systems.

Controls any engine: Gas or diesel inboards, I/O's or outboards. Dual control available for twin engine boats. Easy to install or retrofit. Step-by-step instructions are available. Each system consist of: One actuator per engine, one single or dual control lever per station, one multiconductor cable per station, per engine, one power unit: 12 VDC 10 amp circuit per shaft and standard 33C push-pull cable and brackets for throttle and clutch connections.

Multi-station control: One to five stations can be installed per actuator and stations can be added at any time.

Easy station transfer: Only one station is active at a time. However, you can move from station to station & take control simply by pushing a transfer button. Each station has one.

Control indicator lights: When the light is on, it indicates that particular station has control. The light at all other stations will be off.

High and low idle settings: Low is ideal for slow trolling. High, which is adjustable to as much as 10% of the full speed range, enhances starting and warming up the engine or docking and maneuverability in tight quarters.

Built-in detents: These indicate "Neutral", "Ahead" and "Astern" lever positions. They are spring loaded, rolling detents that last a lifetime and provide a firm, smooth feel.

Double interlocked controls: To start the engine, operator must have controls in "on" mode, lever must be in neutral and it can be moved thru the ahead speed range to start and warm-up engine without engaging the clutch. Fast reversals are sequenced to protect the drive train and engine.

Engine room actuator: The actuator is located in the engine area, is water resistant against water spray and can be mounted in any attitude. It houses the electronics and two servo motors, one for throttle and one for shift. It is connected to the engine throttle and shift levers by short 33C type cables. It is connected to the controls by an 8-conductor shielded electric cable.

Top Mount Controls

455239 (450-3R)	Black T Handle	Single	**$286.00 D**
455224 (453-3L)	Black with Chrome Lever	Single	**$367.00 D**
455225 (453-3R)	Black with Chrome Lever	Single	**$367.00 D**
455226 (460-4)	Black T Lever	Dual	**$439.00 D**
455228 (463-4)	Black with Chrome Lever	Dual	**$562.00 D**
455243 (760)	Black Watertight Dual Control		**$2,450.00 D**
455232 (MC2000-1)	Black Powder Coated	Dual	**$1,056.00 D**
455231 (MC2000-2)	Chrome	Dual	**$1,110.00 D**

Control Actuators

Order connection cable and 33C type cables separately.

455214 (91100)	Actuator, MicroCommander	**$2,050.00 D**

Connection Cables

455252 (350)	8-Conductor Connection Cable	**$1.30/ft. D**

Accessories

455281 (1114)	Relay 12 Volt	**$110.00 A**
455283 (1114)	Relay 24 Volt	**$300.00 A**
455484 (810)	Circuit Breaker - 10 amp	**$75.00 A**
698021	10 amp Circuit Breaker	**$18.95 H**

Mathers CruiseCommand



Mathers CruiseCommand

CruiseCommand is a revolutionary control system for vessels with electronic engines and solenoid gears.

CruiseCommand offers single lever control, four station capability and easy station transfer, station-in-command indicators, speed/shift sequence protection, neutral start interlock, high and low idle speed and audible and visual indicators.

CruiseCommand features plug-in connections and an external keypad setup. The watertight enclosure never needs opening, making this a maintenance-free system. Built-in features include an LED troubleshooting display, synchronization and troll.

Pluggable connections make installation nearly effortless. Determine cable length, engine and gear requirements, then plug in the system. Customized kits are provided to meet specific needs for production builders.

An external keypad setup on the CruiseCommand enclosure makes configuring the controls easier then ever. Punch in a code and the processor makes the correct adjustments. Configurations can be changed at any time to meet new specifications.

CruiseCommand's self-diagnostic software operates a multifunction LED display located on the front panel of each processor. This display allows for uncomplicated checking of battery voltage and clutch status for each engine, lever positions on each control head and multi-station transfer button status.

CruiseCommand packs a lot of features into a small processor, including built-in troll and engine synchronization.

455205 (785CE) CruiseCommand Control Processor **$2,035.00 D**
700434 (APS) Automatic Power Selector **$98.95 D**

ZF Mathers 9000 Series MicroCommander and ClearCommand

9000 Series MicroCommander is a single-lever electronic control system designed for precise, instant control of mechanical engines and gears on yachts and commercial vessels.

9000 Series ClearCommand is designed for vessels utilizing mechanical and electronic throttle and shift combinations.

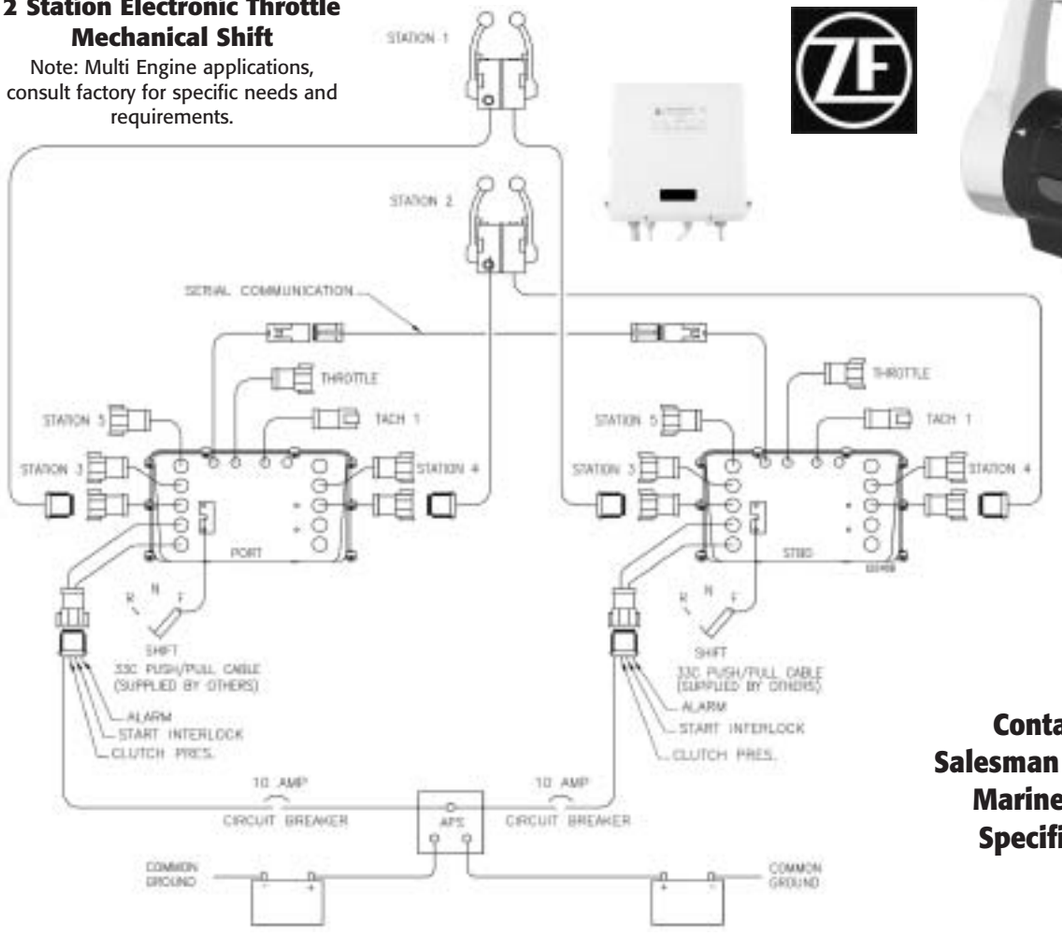
Standard features on both products include an LED display which utilizes self diagnostic software. The LED display codes for setup or system status. All system functions are incorporated on one circuit board, allowing easy customization of features.

Increased vessel efficiency is achieved with engine synchronization, standard on every 9000 Series processor. One lever synchronization is programmed into all processors and allows multi-engine control with one lever. The circuit board is conformal coated to protect against humidity, contamination, dust and dirt.

9000 Series MicroCommander and 9000 Series ClearCommand meet EMC, CE and current environmental standards as well as UL 1500 with built in ignition protection. IP rating 44.

Example of Twin Screw - 2 Station Electronic Throttle Mechanical Shift

Note: Multi Engine applications, consult factory for specific needs and requirements.





Contact Your Salesman or Donovan Marine for Your Specific Needs.

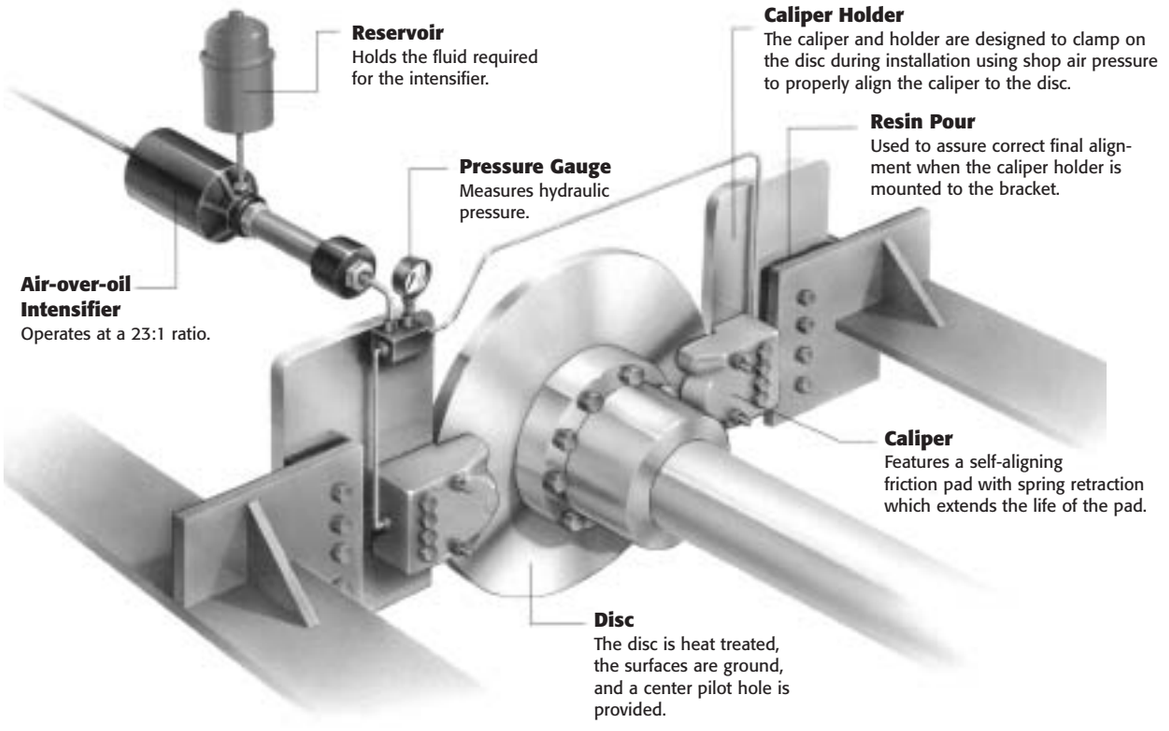
Requirements:

- (2) Power/Start Interlock Wire Harness
- (1) Serial Wire Harness - On Twin Engine Applications
- (2) 92102 Processors
- (2) 10 AMP Circuit Breaker
- (2) Throttle Harness
- (4) Control Head Wire Harness
- (2) Tachometer Feedback Wire Harness - Synch Applications Only
- (1) APS - Automatic Power Selector
- (2) 33C Push-Pull Cable (Supplied by Others)

ZF Mathers 9000 Series MicroCommander and ClearCommand

455219	(96200)	ClearCommand, Engine - Electronic, Clutch - Solenoid	**$2,647.00 D**
455229	(95200)	ClearCommand, Engine - Servo 2, Clutch - Servo 1	**$2,647.00 D**
455238	(450-3L)	Single Black T-Lever Control	**$286.00 D**
645756	(E1H-GH500)	Pressure Switch	**$169.95 B**

Mathers Propeller ShaftBrakes



Brake Model	Disc Size	Number of Calipers	Torque
SB30-06612	1-3/8" x 24" Dia.	1	110,000 lbs.
SB31-06613	1-3/8" x 24" Dia.	2	220,000 lbs.
SB32-07390	1-3/8" x 30" Dia.	1	145,000 lbs.
SB32-06614	1-3/8" x 30" Dia.	2	290,000 lbs.
SB33-06615	1-3/8" x 36" Dia.	2	355,000 lbs.
SB36-07638	1-3/8" x 42" Dia.	2	425,000 lbs.
SB34-07126	1-3/8" x 36" Dia.	3	530,000 lbs.
SB35-06616	1-3/8" x 36" Dia.	4	710,000 lbs.
SB36-06617	1-3/8" x 42" Dia.	4	850,000 lbs.
SB37-06618	1-3/8" x 48" Dia.	4	990,000 lbs.
SB38-07454	1-3/8" x 54" Dia.	4	1,200,000 lbs.
SB37-06619	1-3/8" x 48" Dia.	6	1,500,000 lbs.

Price On Request

Mathers ShaftBrakes are designed to provide maximum drive train protection and faster, more precise maneuvering and control.

Masters ShaftBrakes are recommended for use with any marine propulsion system using engines over 500 horsepower with reduction ratios of 4:1 or greater.

Consider these benefits:

- **Reduces vessel maneuvering time.** A vessel's forward velocity will slow faster with a stopped propeller.
- **Added life for reduction gears and clutches.** ShaftBrakes stop the propeller shaft with every change of direction, automatically. ShaftBrakes absorb the load which would normally be transmitted to the engaging clutch, thus extending clutch life.
- **When used with Mathers propulsion controls, will help prevent engine stall.** Certain types of marine engines tend to stall during high speed maneuvers or emergency reversals. Mathers ShaftBrakes and Mathers Controls can prevent that from happening.
- **Superior to drum type brakes.** Both installation and servicing are easier and calipers can be relined for considerably less cost than can drum brake components. Also, calipers do not have boots, which are costly to replace on drum brakes.

Mathers propeller ShaftBrakes use hydraulic actuated calipers which are self-adjusting and spring retracting to alleviate unnecessary pad wear.

A complete ShaftBrake package consists of the disc, caliper holder(s), caliper(s), and control kit.

Rexroth Marex OS Electronic Engine Controls



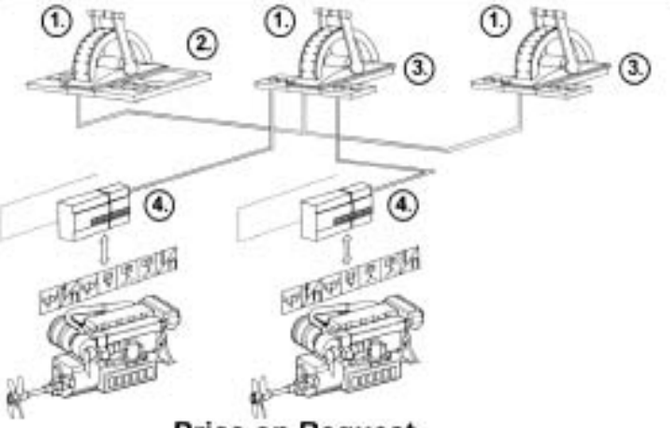
Marex OS :The "Open System", modular control solution based on the CAN - bus serial signal and data transmission protocol. The control system of choice for vessels ranging from mega-yachts, and passenger ferries to fishing, patrol, and work boats.

Marex OS : Featuring serial field bus connectivity, greatly simplifies initial wiring and provides a flexible control system which can be easily expanded without need for total system re-wiring.

Marex OS : With it's touch-pad operating panel display, and built-in CPU's, allows the user to custom program virtually every adjustable option of speed and interlock timing, yet offers a "safety zone" of stored basic control and sequencing parameters required of the various type-approval requirements.

Typical twin engine / multi-station configuration

1. Control Heads
2. Operating Panel
3. Operating Modules
4. Input / output Nodes



Price on Request

For proper component selection and pricing, please forward completed data sheet information found on page ------

Additional Features:

- Modern Control Head design with illuminated scale.
- Optional "Lever follow-up" Control Heads automatically follow the handle travel of the command station at all remote stations.
- Will allow up to 6 remote stations.
- Clear, panel mounted text display allows for simplified programming adjustment during commissioning.
- Extensive alarm and self-diagnostic capability.
- Full documentation provided including manuals on typical applications, description and adjustment of components, and servicing (over 350 pages total). Customized system schematics available upon request.
- Type approvals from:

ABS (American Bureau of Shipping)
DnV (Det Norske Veritas)
Regitro Italiano Navale
Bureau Veritas
Russian Maritime Register of Shipping
German Lloyd
Lloyd's Register of Shipping
Nippon Kaiji kyokai
Korean Register of Shipping
Polski Rejestr Statkow

Rexroth Mini-Marex - E Electronic Engine Controls

Mini - Marex Control Head



Microprocessor based controls designed for remote control of propulsion systems for vessels ranging from pleasure boats and yachts to patrol boats and small workboats. Stylish control heads feature heavy duty construction, built-in display panels, and pre-wired, threaded multi-pin connectors for easy cable connections and rugged performance.

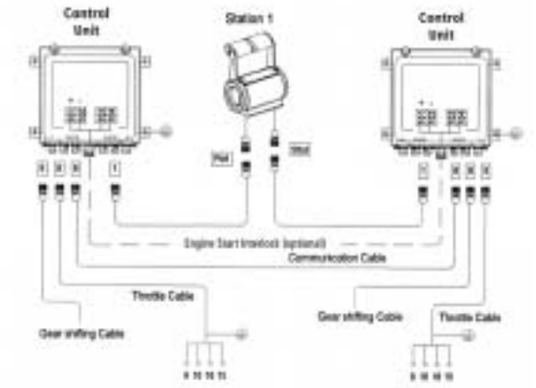
Other features include:

- Controlled, sequential operating functions
- Adjustable time delays for power boost / clutch engagement
- Engine warm up feature
- Cast aluminum housing for electronics with sealed, pre-wired, multi-pin connectors
- Suitable for electronic or mechanical engine & gear controls
- Up to 4 remote stations
- Easy installation with pre-assembled cables and plug connectors
- Simplified fault diagnosis
- Syncronization and Trolling Included ! !
- Conversion to mechanical cable for throttle or gear possible with Stand-Alone Mechanical actuators 323-698-000-0.

Sample Installation: Electrical throttle control with electrical gear shifting

Mini - Marex Control Head w / Short Levers





Price on Request

For proper component selection and pricing, please forward completed data sheet information found on page ------

Mini - Marex Control Unit



Note: Order any Type 33C mech. cables separately.

Control Head: 362-240-020-0 (Dual Levers)
362-240-050-0 (Single Lever)
362-240-021-0 (Short Levers)

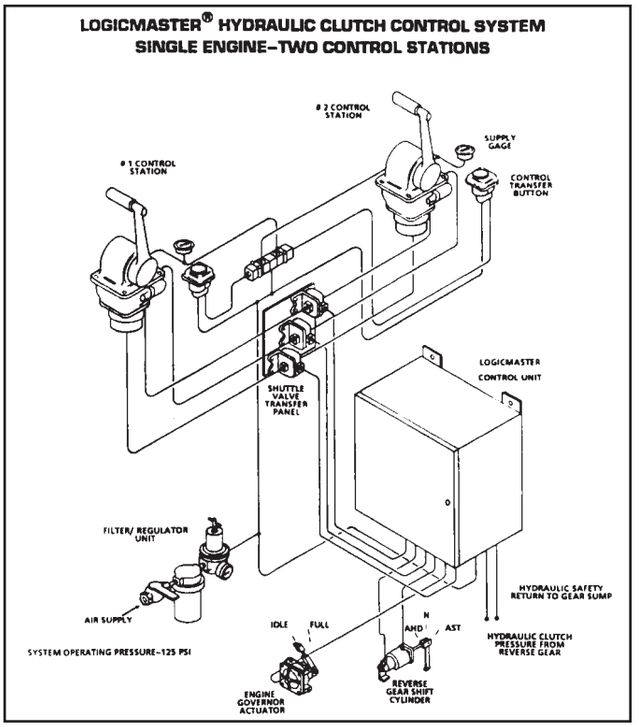
Control Unit:
323-699-446-0: 4 - 20 mA throttle signal, elec. or mech. gear shifting (mech. shift requires stand alone actuator 323-698-000-0)
323-699-447-0 PWM throttle signal, elec. or mech. gear shifting (mech. shift requires stand alone actuator 323-698-000-0)
323-699-448-0 f/ mech. throttle (requires stand alone actuator), and elec. or mech. gear shifting (mech. shift requires stand alone actuator 323-698-000-0)
Note: This control unit is limited to a maximum of 3 stations.

Stand-Alone Mech. Actuator (for throttle and gear controls): 323-698-000-0
Stand-Alone Mech. Actuator (for trolling control): 323-698-100-0
(Note: This actuator requires a separate 24 Vdc power supply)

Pre-Assembled Electrical Cables:

Cont. Head to Cont. Unit:	10 m	894-620-240-2
	15 m	894-620-242-2
	20 m	894-620-243-2
Cont. Unit to Cont. Unit: (for 2 engine systems)	5 m	894-620-261-2
	10 m	894-620-260-2
	15 m	894-620-262-2
Connection to gearbox:	5 m	894-620-291-2
	10 m	894-620-290-2
	15 m	894-620-292-2
Connection to throttle:	2 m	894-620-279-2
	5 m	894-620-271-2
	10 m	894-620-270-2

Rexroth Pneumatic Engine Control Units and Systems



Logicmaster®

Hydraulic Clutch Control systems are specifically designed for the hydraulic clutch type of marine reverse gears and include these service proven-interlocks and features:

Power Boost...

Advances governor setting during clutch engagement to provide increased engine torque and prevent stalling as the propeller load is applied. On completion of clutch engagement, the boost drops off and the governor is positioned to the setting called for by the pilothouse control lever. Governor power boost can be adjusted for desired magnitude and duration.

Clutch Pressure - Throttle Control Interlock...

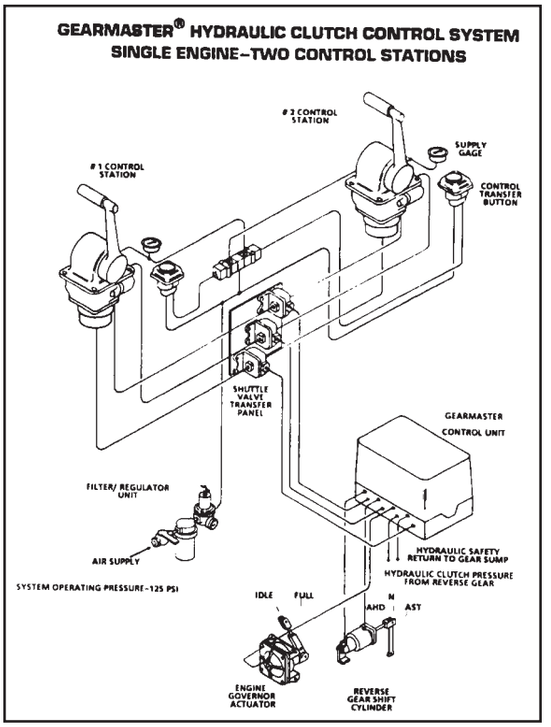
Monitors the buildup of hydraulic pressure in the clutch during engagement. Clutch pressure must reach preset engagement level before engine speed can be advanced from the remote control station to prevent high engine speed during clutch engagement and resultant clutchwear. This feature also protects the reverse gear if clutch pressure drops during operation. Loss of clutch pressure releases the interlock and engine speed is reduced to idle, preventing clutch damage.

Timed Reversing Interlock...

Holds the clutch control in neutral position for a preset time on reversals even though the remote control lever is shifted directly through neutral. This allows engine and propeller speeds to decrease to an acceptable level before reversal is initiated. When a shaft break is used, the neutral timing is long enough for the brake to apply and stop the propeller before reversing. Timing is adjustable.

Clutch Pressure - Shaft Brake Interlock...

Prevents the shaft brake from being applied when either clutch is engaged. As the clutch pressure is applied, the shaft brake control valve is actuated to release the brake. This clutch pressure interlock prevents simultaneous engagement of the clutch and brake.



DMI #	Model	Part Number	Description
565121	LM1	P90008-0001	Unit less shaft brake control
	LM2	P90008	Unit w/shaft brake control signal
		P64517	Maintenance kit for P90008-0001
565133		P64518	Maintenance kit for P90008

Price On Request

Gearmaster® Controls

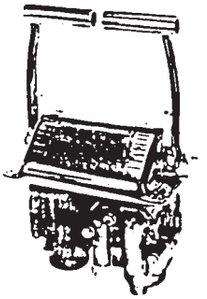
Gearmaster controls incorporate the necessary interlock and protective circuits for proper engine and reverse gear operation without relying on operator judgement to time or anticipate propulsion machinery functions. With Gearmaster controls, the propulsion machinery responds to maneuvering demands without wear or damage from high speed clutch engagement or engine stalling.

Part Numbers of Controls Units

P67393 - with pneumatic clutch/throttle interlock
P67394 - with hydraulic clutch/throttle interlock

Rexroth Pneumatic Engine Control Units & Systems

Rexroth pioneered the concept of pneumatic pilothouse maneuvering controls in the early 40's and have developed unequal experience in the application of pilothouse controls to a broad spectrum of vessels. Listed below are some of the devices for use in the engine room, interlocks and remote stations.



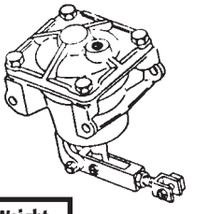
THD-2-FM Controlair® Valves

DMI #	Description	Pressure Range	Part Number
	THD-2-FM	10 - 65 PSI	P27121-0101
565169	THD-2-FM	30 - 70 PSI	P27121-0109
	Repair Kit	Requires two	P64894-0002



HD-2-FM Controlair® Valves

DMI #	Description	Pressure Range	Part Number
565171	HD-2-FM	10 - 65 PSI	P63470-0101
565183	HD-2-FM	30 - 70 PSI	P63470-0109
	Repair Kit		P64894-0002



A-2-H Actuator

Pressure Range	Part Number	Part Number Less Accessories	Weight
10 - 60 PSI	P57159-0011	P57159-0010	3 lbs.
15 - 80 PSI	P58430-0011	P58430-0010	3 lbs.
	P61278	Repair Kit	
	P57415	Accessary Kit	

Three Position Reverse Gear Shift Cylinder

Part Number	Type of Operation	Stroke
P57378-1000	Spring Centered	1" each side of center
P59819	Repair Kit	



HD-2-FX Controlair® Valves

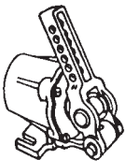
Handle is equipped with a friction brake that will hold the handle in any position selected in the handle travel.

DMI #	Description	Pressure Range	Part Number
	HD-2-FX	0 - 65 PSI	P50970-0001
	HD-2-FX	30 - 70 PSI	P64924-0003
565184	HD-2-FX	0 - 65 PSI	P66514-0001
565246	Repair Kit		P64894-0002



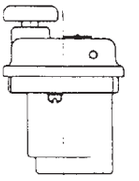
2A-2A Controlair® Valves

Description	Pressure Range	Part Number
2A-2A	10 - 65 PSI	P65775
2A-2A	30 - 70 PSI	P65775-0001
Repair Kit		P65817-0003



A-3R Actuator

Description	Part Number
A-3R	P69226-0010
Repair Kit	P26696



Push Button Station Transfer Valves

Description	Cover Type	Part Number
2-BA-1	Plain	P54692-0002
2-BA-1	Chrome	P54692-0004
2-BA-1	Black Epoxy	P54692-0006
Repair Kit		P55474-0002

Pilot Air Valve

DMI #	Part Number
565308	PD2003101198 D
565310	PD4004201010 D

Dryseal NPTF Check Valve

DMI #	Description	Part Number
565261	1/4" Check Valve	P55024-00068

MPI Spilt Conduit Tubing



MPI Split Conduit Tubing
Corrugated split polyethylene provides excellent conduit for multiple wire or cable routings. Creates quality appearance in wiring systems. 1-1/2". 50' box.

772043 (125B-1126) **$100.95 L**

MPI Products Rigging Hose



MPI Products Rigging Hose
High quality, crush resistant plastic offers excellent flexing properties and abrasion resistance. Material is resistant to bilge acids, fuel solutions and ultra violet rays. ID 2". Bend radius 3". Black. Length 10'.

641819 (127-2003) **$57.95 L**

Stainless Steel Wire Rope 7 x 19



Stainless Steel Wire Rope 7 x 19
Corrosion resistant steel. Extremely flexible with maximum fatigue resistance. Diameter 1/8". MIL-C-5424 specification. Sold in full length reels only.

553328 (SC12579) Length 250' **$388.95 H**

Teleflex Clutch and Throttle Control Cables

Control cables specifically made for the marine environment to meet or exceed all industry standards are offered in a broad selection to fit all popular engine and boat requirements. Shift and throttle cables are measured overall in inches and roundup to next foot.



OMC 400 - CC170 (Pre-1979) – Stainless steel and brass fittings with stainless steel core.

		648127 11'	**$25.95 Q 6H**		
648088 7'	**$23.95 Q 6H**	**648139** 12'	**$26.95 Q 6H**	**648177** 16'	**$28.95 Q 6H**
648090 8'	**$23.95 Q 6H**	**648141** 13'	**$26.95 Q 6H**	**648189** 17'	**$29.95 Q 6H**
648103 9'	**$24.95 Q 6H**	**648153** 14'	**$27.95 Q 6H**	**648191** 18'	**$30.95 Q 6H**
648115 10'	**$24.95 Q 6H**	**648165** 15'	**$28.95 Q 6H**	**648216** 20'	**$31.95 Q 6H**



OMC 479 - CC205 (1979 and Later) - Stainless steel and brass fittings. Engine connection kit included, attached to output end.

648482 6'	**$21.95 Q 6H**			**648610** 19'	**$29.95 Q 6H**
648494 7'	**$22.95 Q 6H**	**648557** 13'	**$25.95 Q 6H**	**648622** 20'	**$30.95 Q 6H**
648507 8'	**$22.95 Q 6H**	**648569** 14'	**$26.95 Q 6H**	**648634** 22'	**$45.95 Q 6H**
648519 9'	**$23.95 Q 6H**	**648571** 15'	**$27.95 Q 6H**	**648636** 24'	**$47.95 Q 6H**
648521 10'	**$24.95 Q 6H**	**648583** 16'	**$27.95 Q 6H**	**648638** 26'	**$50.95 Q 6H**
648533 11'	**$24.95 Q 6H**	**648595** 17'	**$28.95 Q 6H**	**648640** 28'	**$57.95 Q 6H**
648545 12'	**$25.95 Q 6H**	**648608** 18'	**$29.95 Q 6H**	**648642** 30'	**$67.95 Q 6H**

Teleflex Tfxtreme Control Cables



CC636 - Johnson/Evinrude - TFXtreme's unique design incorporates a patent-pending splined core which allows easy movement and minimum lost motion. Designed for complex and/or long cables runs.

495451 12'	**$55.95 Q**	**495475** 16'	**$61.95 Q**	**495499** 20'	**$66.95 Q**
495463 14'	**$58.95 Q**	**495487** 18'	**$64.95 Q**	**495502** 22'	**$69.95 Q**

Teleflex Clutch and Throttle Control Cables

Control cables specifically made for the marine environment to meet or exceed all industry standards are offered in a broad selection to fit all popular engine and boat requirements. Shift and throttle cables are measured overall in inches and roundup to next foot.

Mercury/MerCruiser 600A - CC179 - Stainless steel and brass fittings. Stainless steel cable wire.



648646 6'	**$21.95 Q 6H**	**648709** 12'	**$25.95 Q 6H**		
648658 7'	**$21.95 Q 6H**	**648711** 13'	**$26.95 Q 6H**	**648773** 19'	**$31.95 Q 6H**
648660 8'	**$21.95 Q 6H**	**648723** 14'	**$27.95 Q 6H**	**648785** 20'	**$32.95 Q 6H**
648672 9'	**$21.95 Q 6H**	**648735** 15'	**$28.95 Q 6H**	**648797** 22'	**$43.95 Q 6H**
648684 10'	**$23.95 Q 6H**	**648747** 16'	**$29.95 Q 6H**	**648800** 24'	**$45.95 Q 6H**
648696 11'	**$24.95 Q 6H**	**648759** 17'	**$30.95 Q 6H**	**648812** 26'	**$52.95 Q 6H**
		648761 18'	**$30.95 Q 6H**	**648820** 30'	**$61.95 Q 6H**

Mariner 630 - CC210 (1992 and Earlier Mariner 40 HP and Below) - Stainless steel and brass fittings. Stainless steel cable wire.



650722 8'	**$35.95 Q**	**650728** 14'	**$41.95 Q**	**650734** 20'	**$48.95 Q**
650724 10'	**$37.95 Q**	**650730** 16'	**$43.95 Q**	**650736** 22'	**$51.95 Q**
650726 12'	**$39.95 Q**	**650732** 18'	**$45.95 Q**	**650740** 26'	**$62.95 Q**

Teleflex Tfxtreme Control Cables

CC635 - Mercury/MerCruiser - TFXtreme's unique design incorporates a patent-pending splined core which allows easy movement and minimum lost motion. Designed for complex and/or long cables runs.



495158 10'	**$52.95 Q**	**495184** 16'	**$61.95 Q**	**495212** 22'	**$69.95 Q**
495160 12'	**$55.95 Q**	**495196** 18'	**$64.95 Q**		
495172 14'	**$58.95 Q**	**495209** 20'	**$66.95 Q**		

Teleflex Mercury Generation II Control Cables

CC189 - Mariner/Mercury/MerCruiser 2003 to date 4000 Series Controls



647610 10'	**$30.95 Q 6H**			**647624** 24'	**$51.95 Q 6H**
647612 12'	**$32.95 Q 6H**	**647618** 18'	**$35.95 Q 6H**	**647626** 26'	**$59.95 Q 6H**
647614 14'	**$33.95 Q 6H**	**647620** 20'	**$36.95 Q 6H**	**647628** 28'	**$63.95 Q 6H**
647616 16'	**$34.95 Q 6H**	**647622** 22'	**$47.95 Q 6H**	**647630** 30'	**$68.96 Q 6H**

Morse 33C Red-Jaket® Cables

Industry standard. 3" travel, 10-32 threads, 8" minimum bend radius. Clamp connection on both ends. (Fig. 32377-003).



492500 4'	**$30.95 Q 6H**				**492715** 30'	**$53.95 Q 6H**
492513 5'	**$30.95 Q 6H**	**492614** 15'	**$38.95 Q 6H**		**492728** 32'	**$69.95 Q 6H**
492526 6'	**$30.95 Q 6H**	**492627** 16'	**$39.95 Q 6H**		**492731** 34'	**$76.95 Q 6H**
492539 7'	**$31.95 Q 6H**	**492630** 17'	**$40.95 Q 6H**		**492744** 36'	**$83.95 Q 6H**
492542 8'	**$32.95 Q 6H**	**492643** 18'	**$41.95 Q 6H**		**492757** 38'	**$90.95 Q 6H**
492555 9'	**$33.95 Q 6H**	**492656** 19'	**$42.95 Q 6H**		**492760** 40'	**$95.95 Q 6H**
492568 10'	**$34.95 Q 6H**	**492669** 20'	**$43.95 Q 6H**		**492773** 42'	**$98.95 Q 6H**
492571 11'	**$35.95 Q 6H**	**492672** 22'	**$44.95 Q 6H**		**492786** 44'	**$106.95 Q 6H**
492584 12'	**$35.95 Q 6H**	**492685** 24'	**$46.95 Q 6H**		**492799** 46'	**$113.95 Q 6H**
492597 13'	**$37.95 Q 6H**	**492698** 26'	**$48.95 Q 6H**		**492803** 48'	**$119.95 Q 6H**
492601 14'	**$37.95 Q 6H**	**492702** 28'	**$49.95 Q 6H**		**492816** 50'	**$125.95 Q 6H**

Teleflex Standard 3300 Cables



CC172 - Control cables specifically made for the marine environment to meet or exceed all industry standards are offered in a broad selection to fit all popular engine and boat requirements. To determine replacement cable, measure end to end. Stainless steel core wire/brass fittings. 10-32" threads. For I/O's, inboards and outboards. 3" travel. Clamp connection both ends.

647745 6'	**$24.95 Q 6H**				**647872** 19'	**$33.95 Q 6H**
647757 7'	**$25.95 Q 6H**	**647810** 13'	**$29.95 Q 6H**		**647884** 20'	**$34.95 Q 6H**
647769 8'	**$26.95 Q 6H**	**647822** 14'	**$29.95 Q 6H**		**647896** 22'	**$36.95 Q 6H**
647771 9'	**$27.95 Q 6H**	**647834** 15'	**$30.95 Q 6H**		**647909** 24'	**$37.95 Q 6H**
647783 10'	**$27.95 Q 6H**	**647846** 16'	**$31.95 Q 6H**		**647911** 26'	**$46.95 Q 6H**
647795 11'	**$28.95 Q 6H**	**647858** 17'	**$31.95 Q 6H**		**647923** 28'	**$48.95 Q 6H**
647808 12'	**$28.95 Q 6H**	**647860** 18'	**$32.95 Q 6H**		**647935** 30'	**$51.95 Q 6H**

Morse 33C Supreme Red-Jaket® Cables

The inner core is encased in nylon and travels back and forth in a high-density polyethylene liner. This plastic against plastic movement greatly decrease friction and increases efficiency by 44% over other standard push-pull cables. This, in turn, increases cable life. 3" travel 10-32 SAE threads.



492864 8'	**$38.95 Q 6H**	**492974** 22'	**$56.95 Q 6H**		**493041** 36'	**$92.95 Q 6H**
492876 10'	**$41.95 Q 6H**	**492986** 24'	**$58.95 Q 6H**		**493053** 38'	**$97.95 Q 6H**
492888 12'	**$44.95 Q 6H**	**492996** 26'	**$62.95 Q 6H**		**493065** 40'	**$101.95 Q 6H**
492900 14'	**$46.95 Q 6H**	**493003** 28'	**$65.95 Q 6H**		**493091** 46'	**$114.95 Q 6H**
492924 16'	**$49.95 Q 6H**	**493015** 30'	**$67.95 Q 6H**		**493104** 48'	**$118.95 Q 6H**
492948 18'	**$51.95 Q 6H**	**493027** 32'	**$83.95 Q 6H**		**493142** 56'	**$137.95 Q 6H**
492962 20'	**$53.95 Q 6H**	**493039** 34'	**$88.95 Q 6H**		**493154** 60'	**$146.95 Q 6H**

Teleflex 3300CC XTREME Control Cables



3300CC XTREME - CC633 - Xtreme's unique breakthrough design assures incredible smoothness and efficiency – with hardly any lost motion – even in the longest and most complex cable routings! This means superior feel at the control, in any boat . . . performance that until now was considered impossible. Replaces 33C supreme cables.

649101 8'	**$44.95 Q 6H**			**649150** 38'	**$99.95 Q 6H**
649105 10'	**$48.95 Q 6H**	**649120** 20'	**$62.95 Q 6H**	**649154** 40'	**$104.95 Q 6H**
649106 11'	**$50.95 Q 6H**	**649122** 22'	**$65.95 Q 6H**	**649157** 42'	**$98114.95 Q 6H**
649109 12'	**$51.95 Q 6H**	**649124** 24'	**$68.95 Q 6H**	**649162** 44'	**$119.95 Q 6H**
649110 13'	**$52.95 Q 6H**	**649126** 26'	**$70.95 Q 6H**	**649166** 46'	**$123.95 Q 6H**
649112 14'	**$54.95 Q 6H**	**649136** 28'	**$73.95 Q 6H**	**649169** 48'	**$128.95 Q 6H**
649113 15'	**$55.95 Q 6H**	**649138** 30'	**$76.95 Q 6H**	**649173** 50'	**$133.95 Q 6H**
649116 16'	**$57.95 Q 6H**	**649141** 32'	**$80.95 Q 6H**	**649184** 52'	**$137.95 Q 6H**
649117 17'	**$58.95 Q 6H**	**649145** 34'	**$84.95 Q 6H**	**649191** 56'	**$145.95 Q 6H**
649118 18'	**$59.95 Q 6H**	**649149** 36'	**$95.95 Q 6H**	**649199** 60'	**$153.95 Q 6H**

Teleflex 4300CC Supreme Control Cables

4300CC Supreme - CC693 - Xtreme's unique breakthrough design assures incredible smoothness and efficiency – with hardly any lost motion – even in the longest and most complex cable routings! This means superior feel at the control, in any boat . . . performance that until now was considered impossible. 3" travel, 1/4"-28 threads. Replaces 43C supreme cables.



648848 6'	**$81.95 Q 6H**			**649016** 40'	**$154.95 Q 6H**
648850 8'	**$86.95 Q 6H**	**648937** 24'	**$120.95 Q 6H**	**649029** 42'	**$158.95 Q 6H**
648862 10'	**$90.95 Q 6H**	**648948** 26'	**$124.95 Q 6H**	**649030** 44'	**$162.95 Q 6H**
648874 12'	**$94.95 Q 6H**	**648951** 28'	**$128.95 Q 6H**	**649043** 46'	**$167.95 Q 6H**
648888 14'	**$99.95 Q 6H**	**648962** 30'	**$133.95 Q 6H**	**649054** 48'	**$171.95 Q 6H**
648898 16'	**$103.95 Q 6H**	**648975** 32'	**$137.95 Q 6H**	**649067** 50'	**$175.95 Q 6H**
648901 18'	**$107.95 Q 6H**	**648989** 34'	**$141.95 Q 6H**	**649078** 52'	**$184.95 Q 6H**
648913 20'	**$111.95 Q 6H**	**648999** 36'	**$145.95 Q 6H**	**649081** 56'	**$201.95 Q 6H**
648926 22'	**$116.95 Q 6H**	**649004** 38'	**$150.95 Q 6H**	**649092** 60'	**$218.95 Q 6H**

Morse 33LV Vernier Cables



Morse 33LV Vernier Cables

Just push the button for fast easy setting of approximate position, then turn the knob for micro adjustment. Positive, adjustable brake maintains settings regardless of vibration or governor back pressure. Release button for quick adjustment & fast shutdown. Ideal for throttles or other applications where precise control is desired. Cable only (Fig. 307141-000), order head below (Fig. 307941-003).

494006	(307141-000) 5'	33LV Cable Only	**$33.95 Q**
494030	(307141-000) 10'	33LV Cable Only	**$40.95 Q**
494056	(307141-000) 20'	33LV Cable Only	**$62.95 Q**

Order One Head for Each Cable Ordered for New Application

493992	(307941-003) Head Only	**$67.95 Q**

Morse 63C XL Red-Jaket® Cables

Incorporates a 7/32" stranded, armored inner core that combines longitudinal stiffness and fatigue resistance. 3" travel, 5/16"-24 threads, 8" minimum bend radius. Clamp connection on both ends. (Fig. 304262-003).

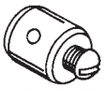
Morse



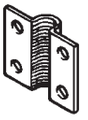
493700	10'	**$171.95 Q 6H**
493724	12'	**$179.95 Q 6H**
493748	14'	**$187.95 Q 6H**

Teleflex MARINE


494067


494079

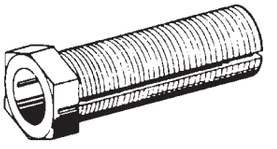

491150


494081

Morse Cable Fittings

491150	(32010) Adapter Clamp for 30 Series	**$3.95 Q**
494067	(47641) Stop Pivot	**$19.95 Q**
494081	(37664) Conduit Clamp	**$4.95 Q**
494079	(37693) Stop Collar for 30 Series	**$10.95 Q**

Teleflex MARINE

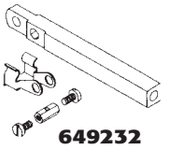


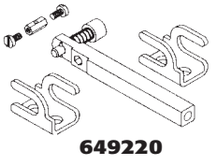
Morse Clamp to Bulkhead Adapter Kits

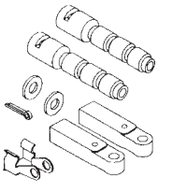
In some installations it is desirable or necessary to use a bulkhead fitting at the output end. Now standard C type cables (clamp) can be easily converted to BC type cables (clamp to bulkhead) by using the proper adapter kit. Kits include: (2) washers and (2) nuts. Sold each.

493976	(304308) 1/4"	43C Series	**$42.95 Q**
493988	(304309) 5/16"	63C Series	**$64.95 Q**

Teleflex MARINE


649232


649220


649256

Teleflex Connection Kits for Engine Controls and Cables

These kits provide control cable connection hardware, either for cable to engine/transmission or for cable to control unit.

Engine-Specific Connection Kits for OEM cables

For 1973 - 1978 OMC OEM ("400" type) cables with bare wire ends. **Note:** Included clip is not used on stern drives.

649220	(CA27208P) E/J O/B Kit (35 HP and Less)	**$50.95 Q**
649232	(CA27247P) E/J O/B Kit (Over 35 HP) and OMC Stern Drive (All)	**$19.95 Q**

Engine-Specific Connection Kit for 3300 cables

649244	(CA27320P) E/J O/B Kit (1979 - Date)	**$19.95 Q**
649256	(CA27321P) E/J O/B Kit (Pre 1979)	**$25.95 Q**

Morse Clutch and Throttle Kit Selection Guide

Teleflex MARINE

Special Order Only



491706



491718

Morse Adapter Kits

491706	(301729) Adapter Kit	**$24.95 Q**
491718	(301901) Adapter Kit	**$31.95 Q**
491720	(302123) Adapter Kit	**$19.95 Q**

Outboard and I/O Cable Connection Kits

Engine	Kit Number	Cable
Chrysler		
1975 and later	300465	33C (Two Cables)
Evinrude/Johnson		
55-235 hp, 1978 to date	301729	33C (Two Cables)
25 thru 40 hp, up thru '85	041652	Type "O" (Two Cables)
	035640	33C (Two Cables)
50 hp and over, 1973 and later	068086	Type "O" (Two Cables)
9.9 and 15 hp, 1974 and later	301543, plus OMC kit also required	33C (Two Cables)
Mercury		
40-300 hp	301901	33C (Two Cables)
MerCruiser and OMC Sterndrive		
MerCruiser	302123	33C (Two Cables)
OMC Sterndrive	300557	33C (Two Cables)

Special Ordered Pre-Engineered Throttle Connection Kits

Engine Model	Single station 33C cable	Dual station 33C cable	Convert from 33C Dual stn. to 43C Dual stn. add:
Caterpillar			
334, 3304 and 3306	36680	36680	40773
3406 and 343	36680	36680	40773
3408	36680	36680	40773
Cummins			
All with MVSGOV	36680	36680	40773
AFC Fuel Pump V504M, V555M, V903M, VT903M VTA903M, NT855M VT1710M, VTA1710M KT and KTA 1150M KT and KTA 2300M 1975 and later	300580	300580	300665
General Motors			
3, 4 and 6-71 with var. sp. gov.	41736	41736	300665
6, 8 and 12 V-71	41489	41489	300665
6 and 8 V92 (NA & TA) with var. sp. gov.	41489	41489	300665
2, 3 and 4-53 with left and right hand gov.	36680	36680	40773
GV-53 rear and front entry	36680	36680	40773
6 and 8V-71 front entry shutdown kit (use with DC control)	36680	36680	40773
Perkins			
4,236M	48931	48931	300665
3544M	302026	302026	N/A
4,108 with shut off	303878	N/A	N/A
Universal			
Atomic 4	36680	36680	40773
Atomic 1 and 2 clutch and throttle (63C clutch-33C throttle)	36680	36680	40773

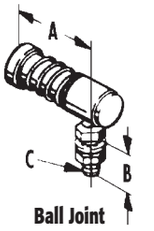
Pre-Engineered Clutch Connection Kits

Transmission Model	Dual station 33C cable	Dual station 43C cable	Convert from 33C Dual stn. to 43C Dual stn. add:
Borg Warner			
70, 71 and 72 in. line with red gear, rear entry	301474	301474	300665
71C & 72C drop center front entry	35627	35627	300665
Capital			
12400	36680	36680	40773
2, 3 and 4 HD and HE	36680	36680	40773
Paragon			
HF-7	36680	36680	40773
Twin Disc			
MG 508, 509, 510, 510A, 512, 514C, 514CHP, 518, 521, 527, 530 and 540	42577	N/A	300665
MG502, 506 and 507	63696	N/A	300665

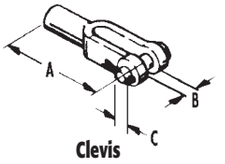
Morse Control Cable Fittings and Hardware

Teleflex MARINE

DMI #	MFG #	Description	Series	A	B	C	Price
Ball Joints (Complete with Nut and Lockwasher)							
490678	(031126)	Quick-Release Type	30	31/32"	9/16"	1/4"-28	**$12.95 Q**
490665	(031799)	Quick-Release Type	30	29/32"	7/16"	10-32	**$12.95 Q**
490688	(035242)	Quick-Release Type	30	1-1/8"	7/8"	5/16"-24	**$29.95 Q**
490729	(029104)	Quick-Release Type	40	31/32"	9/16	1/4"-28	**$12.95 Q**
490716	(032267)	Quick-Release Type	40	31/32"	7/8"	5/16"-24	**$16.95 Q**
490751	(029108)	Quick-Release Type	60	1-1/8"	7/8"	5/16"-24	**$25.95 Q**
490766	(029031)	Solid Type	60	1-1/8"	3/4"	5/16"-24	**$19.95 Q**

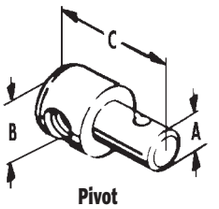


Ball Joint Quick-Release Type



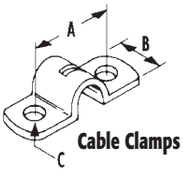
Clevis

DMI #	MFG #	Description	Series	A	B	C	Price
Clevis							
490828	(031125)	Clevis	30	2"	9/32"	1/4"	**$14.95 Q**
490817	(031800)	Clevis	30	1-9/16"	3/16"	3/16"	**$15.95 Q**
490855	(029025)	Clevis	40	2"	9/32"	1/4"	**$14.95 Q**
490919	(029132)	Clevis	60	2-1/4"	11/32"	5/16"	**$16.95 Q**
490932	(042034)	Clevis	60	2-1/2"	7/16"	5/8"	**$23.95 Q**

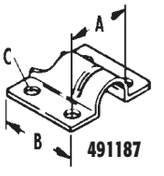


Pivot

DMI #	MFG #	Description	Series	A	B	C	Price
Pivots							
490983	(031029)	Pivot	30	1/4"	7/16"	5/8"	**$9.95 Q**
490994	(031539)	Pivot	30	1/4"	7/16"	3/4"	**$11.95 Q**
491011	(039890)	Pivot	30	1/4"	7/16"	15/16"	**$15.95 Q**
491047	(031537)	Pivot	40	1/4"	1/2"	7/8"	**$10.95 Q**
491036	(039110)	Pivot	40	1/4"	1/2"	3/4"	**$11.95 Q**

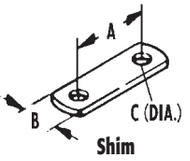


Cable Clamps

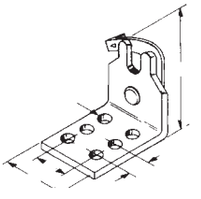


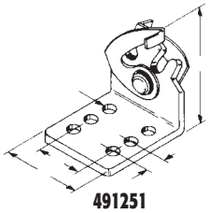
491187

DMI #	MFG #	Description	Series	A	B	C	Price
Clamps, Fasteners and Shims							
491163	(031509)	Cable Clamp	30	1"	1/2"	3/16"	**$1.95 Q**
491150	(032010)	Cable Clamp	30	7/8"	1/2"	3/16"	**$3.95 Q**
491187	(021227)	Cable Clamp	40	1"	1-1/4"	3/4"	**$6.95 Q**
491175	(031532)	Cable Clamp	40	1"	1/2"	7/32"	**$2.95 Q**
491214	(031538)	Shim for **491163** & **491175**	30/40	1"	1/2"	3/16"	**$1.95 Q**
491249	(036174)	Single Cable Hook Clip	30	1/2"	3/8"	7/32"	**$11.95 Q**
491251	(035531)	Dual Cable Hook Clip	30	3/4"	3/8"	7/32"	**$29.95 Q**
491198	(037885)	Clamp and Shim Kit	60				**$8.95 Q**
		Clamp		1-1/4"	5/8"	9/32"	
		Shim		1-1/4"	5/8"	9/32"	

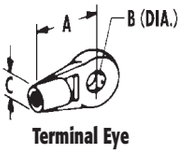


Shim


491249


491251

DMI #	MFG #	Description	Series	A	B	C	Price
Terminal Eye							
491100	(300646)	Nylon	30	1"	5/16"	1/2"	**$3.95 Q**
491113	(037639)		40				**$11.95 Q**
491136	(301456)	Includes: 300965 plus retaining ring, nut & washer	30				**$11.95 Q**



Terminal Eye

Minn Kota Trolling Motors

Minn Kota Riptide SM Saltwater Bow Mount Series Trolling Motors

Hand Control - Tilt/Extend Tiller. Latch and Door.

475031 (1363422)	52″ Shaft	55# Thrust	12 volt		**$695.95 C**
475118 (1363447)	52″ Shaft	80# Thrust	24 volt		**$906.95 C**

Hand Control - Tilt/Extend Tiller - SC. Latch and Door.

475041 (1363420)	42″ Shaft	55# Thrust	12 volt		**$582.95 C**
475043 (1363421)	52″ Shaft	55# Thrust	12 volt		**$624.95 C**
475071 (1363425)	52″ Shaft	70# Thrust	24 volt		**$695.95 C**

Hand Control - Tilt/Extend Tiller. Bowguard 360°.

475119 (1363445)	52″ Shaft	80# Thrust	24 volt		**$927.95 C**
475120 (1363446)	62″ Shaft	80# Thrust	24 volt		**$969.95 C**
475121 (1363467)	52″ Shaft	101# Thrust	36 volt		**$1,012.95 C**
475122 (1363468)	62″ Shaft	101# Thrust	36 volt		**$1,054.95 C**



Riptide SM Saltwater

Minn Kota Riptide SF Saltwater Bow Mount Series Trolling Motors

Hand Control - Tilt/Extend Tiller.

475109 (1363640)	52″ Shaft	80# Thrust	24 volt	**$1,059.95 C**
475110 (1363641)	62″ Shaft	80# Thrust	24 volt	**$1,101.95 C**
475111 (1363650)	52″ Shaft	101# Thrust	36 volt	**$1,141.95 C**
475112 (1363651)	62″ Shaft	101# Thrust	36 volt	**$1,183.95 C**

Minn Kota Riptide Bow Mount Series Trolling Motors

Hand Control - Edge Mount.

475028 (1363601)	52" Shaft	55# Thrust	12 volt		**$655.95 C**

Hand Control - Tilt/Extend Tiller - SC. Latch and Door.

475105 (1363810)	42" Shaft	50# Thrust	12 volt		**$386.95 C**
475040 (1363430)	42″ Shaft	55# Thrust	12 volt		**$539.95 B**
475042 (1363431)	52" Shaft	55# Thrust	12 volt		**$581.95 B**

Hand Control - Tilt/Extend Tiller. Bowguard 360°.

475095 (1363450)	52" Shaft	80# Thrust	24 volt		**$884.95 B**


Riptide SF Saltwater

Minn Kota Riptide Bow Mount Series Trolling Motors with 3X Steering

Hand Control - Tilt/Extend Tiller. Latch and Door.

475091 (1363454)	52" Shaft	80# Thrust	24 volt		**$852.95 B**

Hand Control - Tilt/Extend Tiller. Bowguard 360°.

475092 (1363461)	52" Shaft	101# Thrust	36 volt		**$936.95 B**

Minn Kota Riptide Series Saltwater Powerdrive - Co-Pilot Included

475034 (1363570)	RT55/SP/CP/AP	Auto Pilot	48" Shaft	55# Thrust	12 volt	**$926.95 B**
475070 (1363560)	RT70/SP/CP		54" Shaft	70# Thrust	24 volt	**$875.95 B**
475166 (1363580)	RT70/SP/CP/AP	Auto Pilot	54" Shaft	70# Thrust	24 volt	**$1,072.95 B**
477008 (1866100)	Minn Kota Powerdrive/Auto Pilot Co-Pilot					**$199.95 E**

Minn Kota Riptide Series Saltwater Terrova - Co-Pilot Included

Our rugged new saltwater powerhouse features better performance, standard CoPilot and a new foot pedal option. New stow/deploy mechanism lets you move effortlessly in and out of the water.

475174 (1363711)	60" Shaft	80# Thrust	24 volt	**$1,419.95 B**
475173 (1363710)	54" Shaft	80# Thrust	24 volt	**$1,405.95 B**
475094 (1363760)	54" Shaft	80# Thrust	24 volt	**$1,212.95 B**


Bowguard 360°

Minn Kota Riptide SP Foot Pedal

476722 (1866065) **$86.95 E**

Minn Kota Riptide Series Auto Pilot Trolling Motor - Bow Mount

477009 (1866101) Minn Kota Riptide Wireless Co-Pilot works with Riptide/Auto Pilot **$225.95 E**



MOTOR ACCESSORIES

Minn Kota Trolling Motors

NEW ITEM



Traxxis Series

Minn Kota Traxxis Transom Mount Series Trolling Motor

Quick-Lock Cam Depth Adjuster. Versatile New Steering Tension Control. A New Twist On Hand Control. One-Hand Stow. Weedless Wedge 2. Composite Shaft. Digital Maximizer. Cool, Quiet Power.

475465	(1368700)	36″ Shaft	40# Thrust	12 volt	**$230.95 C**

Minn Kota Fortrex Bow Mount Series Trolling Motors

The Mono-Arm: Your New Secret Weapon. Counter-Tension Stabilizer (CTS). Lift-Assist Eases Stow and Deploy. Removable Bowguard 360°. Cable Steer Foot Pedeal. Weedless Wedge 2. Composite Shaft. Digital Maximizer. Cool, Quiet Power.

475590	(1368660)	45″ Shaft	80# Thrust	24 volt	**$1,122.95 C**
475591	(1368661)	52″ Shaft	80# Thrust	24 volt	**$1,164.95 C**
Universal Sonar 2 Models					
475592	(1368671)	52″ Shaft	80# Thrust	24 volt	**$1,264.95 C**
475609	(1368690)	45″ Shaft	101# Thrust	36 volt	**$1,313.95 C**
475611	(1368691)	52″ Shaft	101# Thrust	36 volt	**$1,355.95 C**



Fortrex Series

NEW ITEM

Minn Kota Maxxum Pro Bow Mount Series Trolling Motors

Bowguard 360°. Universal Sonar 2. Digital Maximizer. Weedless Wedge 2. Composite Shaft. Cool, Quiet Power.

Foot Control - Cable Steer Foot Pedeal.					
475598	(1368500)	42″ Shaft	80# Thrust	24 volt	**$1,013.95 B**
475600	(1368501)	52″ Shaft	80# Thrust	24 volt	**$1,055.95 B**
Universal Sonar 2 Models					
475603	(1368515)	42″ Shaft	80# Thrust	24 volt	**$1,114.95 B**



Maxxum Pro Series

Special Handling May Apply

Minn Kota Maxxum Bow Mount Series Trolling Motors

Bowguard 360°. Universal Sonar 2. Digital Maximizer. Weedless Wedge 2. Composite Shaft. Cool, Quiet Power.

Foot Control - Cable Steer Foot Pedeal.					
475323	(1368553)	42″ Shaft	55# Thrust	12 volt	**$761.95 B**
475347	(1368554)	52″ Shaft	55# Thrust	12 volt	**$803.95 B**
475410	(1368561)	42″ Shaft	70# Thrust	24 volt	**$791.95 B**
475424	(1368562)	52″ Shaft	70# Thrust	24 volt	**$833.95 B**
475448	(1368580)	42″ Shaft	80# Thrust	24 volt	**$984.95 B**
475460	(1368581)	52″ Shaft	80# Thrust	24 volt	**$1,026.95 B**
475486	(1368600)	42″ Shaft	101# Thrust	36 volt	**$1,076.95 B**
Foot Control - SC.					
475361	(1368550)	42″ Shaft	55# Thrust	12 volt	**$680.95 B**
475397	(1368560)	42″ Shaft	70# Thrust	24 volt	**$710.95 B**
Hand Control - Tilt/Extend Tiller.					
475505	(1368620)	52″ Shaft	55# Thrust	12 volt	**$527.95 C**
475520	(1368630)	52″ Shaft	70# Thrust	12 volt	**$710.95 C**
Hand Control - Tilt/Extend Tiller. Bowguard 360°.					
475519	(1368564)	52″ Shaft	70# Thrust	24 volt	**$666.95 B**
Universal Sonar.					
476008	(1368590)	42″ Shaft	80# Thrust	24 volt	**$933.95 B**

MOTOR ACCESSORIES

Minn Kota Trolling Motors

Auto Pilot - Point the motor head in the direction you wish to travel, activate the AutoPilot button and you're ready to go. The exclusive compass in AutoPilot keeps your boat traveling on line, even through heavy wind or chop.

Universal Sonar. - An integrated and protected transducer in the lower unit of the motor offers plug-in compatibility with your favorite brand of fish-finding equipment.

MicroTouch, up to 40% faster response - PowerDrive motors feature our MicroTouch foot pedal. MicroTouch delivers electric steering that is up to 40% faster than previous models. Comfort, convenience and ultra-fast response.

PowerDrive Pontoon - Includes a Quick Release Bracket ideal for fishing, or for quickly removing the motor for maximum versatility.

Grip Glide stow and deploy - PowerDrive motors feature the convenience of our unique Grip Glide stow and deploy. An ergonomic handle allows for easy in and out of the water. Less hassle. Less stress and strain.



Minn Kota Power Drive Series Trolling Motors - Bow Mount Grip Glide

474716	(1358700)	40PD	V2	48" Shaft	40# Thrust	12 volt	**$474.95 B**
474719	(1358705)	50PD	V2	48" Shaft	50# Thrust	12 volt	**$564.95 B**
474725	(1358706)	50PD	V2	54" Shaft	50# Thrust	12 volt	**$542.95 B**
474731	(1358710)	55PD	V2	48" Shaft	55# Thrust	12 volt	**$565.95 B**
474732	(1358711)	55PD	V2	54" Shaft	55# Thrust	12 volt	**$578.95 B**
474752	(1358720)	70PD	V2	54" Shaft	70# Thrust	24 volt	**$745.95 B**

Minn Kota Power Drive Series Trolling Motor - Auto Pilot

474702	(1366210)	70PD/AP	V2	54" Shaft	70# Thrust	24 volt	**$937.95 B**

Minn Kota Power Drive Series Trolling Motors - Pontoon

474733	(1358712)	54PD	V2	48" Shaft	54# Thrust	12 volt	**$573.95 B**
474738	(1358722)	68PD	V2	48" Shaft	68# Thrust	24 volt	**$695.95 B**



Minn Kota Edge Bow Mount Series Trolling Motors

Rock-Solid Mount - Latch & Door Design. Indestructable Composite Shaft. Directional Indicator. Weedless Wedge 2. Composite Shaft. Cool, Quiet Power.

Foot Control - Cable Steer Foot Pedal.

475208	(1355800)	36" Shaft	40# Thrust	12 volt	**$386.95 B**
475222	(1355801)	45" Shaft	40# Thrust	12 volt	**$393.95 B**
475284	(1355810)	45" Shaft	40# Thrust	12 volt	**$297.95 B**
475247	(1355830)	45" Shaft	55# Thrust	12 volt	**$551.95 B**
474707	(1355831)	52" Shaft	55# Thrust	12 volt	**$572.95 B**

Hand Control - Tilt Twist Tiller.

475260	(1355840)	52" Shaft	55# Thrust	12 volt	**$496.95 B**
475273	(1355850)	45" Shaft	70# Thrust	24 volt	**$617.95 B**

Minn Kota Edge Bow Mount Series Trolling Motor

Comes with Tournament 1101 Fishfinder.

475255	(1355832)	EDGE55	Foot Control-Cable Steer	45" Shaft	55# Thrust	12 volt	**$519.95 B**

Special Handling May Apply

MOTOR ACCESSORIES

Minn Kota Trolling Motors





Telescoping Handle



Lever Lock Bracket

Minn Kota Endura Transom Mount Series Trolling Motors

Lever Lock Bracket. Indestructable Composite Shaft. Telscoping Handle. Weedless Wedge 2. Composite Shaft. Cool, Quiet Power.

474768	(1352304)	30" Shaft	30# Thrust	12 volt	**$122.95 B**
475464	(1352363)	36" Shaft	36# Thrust	12 volt	**$171.95 B**
474774	(1352404)	36" Shaft	40# Thrust	12 volt	**$195.95 B**
474814	(1352512)	36" Shaft	50# Thrust	12 volt	**$252.95 B**
474826	(1352518)	42" Shaft	55# Thrust	12 volt	**$279.95 B**

Special Handling May Apply

Minn Kota Endura Transom Mount Series Trolling Motor

Comes with Tournament 1101 Fishfinder.

474824	(1352520)	36" Shaft	55# Thrust	12 volt	**$260.95 B**

Waterfowl Edition - Built to take on the elements and keep you in the action when the shooting heats up. 44 lbs. of powerful thrust. Tilt Twist Tiller. Indestructible composite shaft. Weedless Wedge prop.

Tilt Twist Tiller - The Waterfowl Edition features the natural outboard comfort and convenience of our Tilt Twist Tiller. Easy access. Instant response. Multi-postion handle.





Tilt Twist Tiller

Special Handling May Apply

Minn Kota Endura Transom Mount Series Trolling Motor - Camo/Waterfowl Edition - (Standard)

476045	(1351920)	Camo44	36" Shaft	44# Thrust	12 volt	**$275.95 B**

MOTOR ACCESSORIES

Minn Kota Trolling Motors



Minn Kota Terrova Electric Steer Trolling Motors

The Terrova series features an all new stow/deploy mechanism with fall away ramps. The positive lock deploy lever releases the ramps and locks the motor in a stowed position. A balanced lower unit eliminates shaft twisting during stowage and deployment. The low profile, ergonomically designed foot pedal has both heel toe and left/right steering, the best of both worlds. With an IP68 waterproof connector, a momentary/constant on-off LED indicator, and a rotary speed control round out the foot control. An improved AutoPilot steering system provide you with improved tracking with less than one degree of steering resolution and an AutoPilot on-off with LED indicator on the foot pedal.

476061	(1358800)	Terrova 55	48" Shaft	55# Thrust	12 volt	**$801.95 B**
476062	(1358801)	Terrova 55	54" Shaft	55# Thrust	12 volt	**$815.95 B**
476063	(1358810)	Terrova 80	54" Shaft	80# Thrust	24 volt	**$1,089.95 B**
476064	(1358811)	Terrova 80	60" Shaft	80# Thrust	24 volt	**$1,103.95 B**
476065	(1366110)	Terrova 80 with Auto Pilot	54" Shaft	80# Thrust	24 volt	**$1,280.95 B**
476066	(1366111)	Terrova 80 with Auto Pilot	60" Shaft	80# Thrust	24 volt	**$1,294.95 B**
476070	(1366121)	Terrova 101 with Auto Pilot	60" Shaft	101# Thrust	36 volt	**$1,513.95 B**

Minn Kota Accessories



Minn Kota Extension Handles

Provides easier steering and speed control for Minn Kota hand controlled bow-mount, transom-mount or small outboard motors.

476615 (MKA-18) Length 18" **$24.95 E**
476603 (MKA-7) Length 30" **$32.95 E**



Minn Kota MKM-8 Quick Nuts

The ideal way to attach any bow mount motor to your bow. Just drill the holes, install quick nuts and bolt down your trolling motor. They hold tight and absorb shocks. Also can be used to mount accessories. Sold 4 per pack.

476451 (18-65100) MKM-8 **$9.95 E**



Minn Kota Bow-Mount Stabilizer Kit

Reduces bounce on Minn Kota Maxxum and Riptide bow-mount motors. Features a rubber bumper to protect the get coat and boat finish.

477047 (18-62013) MKA-4 **$31.95 E**



Minn Kota Transducer Mounting Kit

Allows transducer to be mounted on the lower unit of bow-mount trolling motors. Rugged construction for long-lasting durability and use. Fits transom transducers from all major manufacturers.

477035 (18-40201) MKR-15 **$24.95 E**



Minn Kota Universal Sonar Accessory Adapter Cable

Allows you to quickly and conveniently connect and disconnect motor from fish-finder. Interfacial seal maintains a weather- and watertight connection, while accident-proof encapsulation prevents pullout or breakage of wires.

476564 (MKR-US-5) Lowrance Gray Plug **$33.95 E**

Minn Kota Universal Sonar 2 Adapter Cables

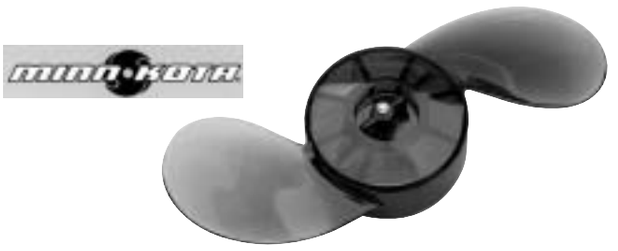
Choose from any of the following plug-in adapters to connect your motor to your favorite brand of sonar or fishfinder.

476566	(MKR-US2-8)	Humminbird 7-Pin	**$33.95 E**
476567	(MKR-US2-9)	Lowrance 9-Pin	**$33.95 E**
476568	(MKR-US2-10)	Lowrance/Eagle Blue	**$33.95 E**

Minn Kota Riptide Power Drive Trolling Motors Accessories

476720	(1866040)	Foot Control Only	**$86.95 E**
476721	(1866120)	Co-Pilot Remote	**$61.95 E**

Minn Kota Propellers



Minn Kota Vanishing Propellers

Super strong made of GE Lexan. Tinted blades vanish when motor is running.

MKP-1. For motor applications: 10w, 15w, 25w, 35w, AJ-3, Sonar 35, 10m, 25m and 35m.

MKP-2. For motor applications: 35a, 35ta, 40ta, 50t, 65n, 65mxn, 35t, 50mxt, 65t, 765t, 765mxna, 765mxt, 865, 865t, 865mxt, 365t, 665t, 665mxna, 665mxt, 555t, 565n, 565t and PowerMax 36.

MKP-3. For motor applications: 55m, 65m, 65mx, 2hp, 55w, 65w, 365w, 365m, 565m, 565mx, 555w, 565w, 665m, 665mx, 765mx and 30ex.

MKP-4. For motor applications: 95w, 95m, 99w, 99m, 3hp, 3hps/stm, 395w, 395m, 399w, 399m, 595w, 595m, 599w, 599m, 795m, 795mx, 799m, 799mx and 3hps/sbm.

MKP-5. For motor applications: 35N.

476211	(18-65001)	MKP-1	2-1/2"	**$13.95 E**
476223	(18-65002)	MKP-2	3-1/4"	**$17.95 E**
476235	(18-65004)	MKP-3	3-1/4"	**$14.95 E**
476247	(18-65005)	MKP-4	4"	**$28.95 E**
476259	(18-65000)	MKP-5	2-1/2"	**$14.95 E**
476297	(18-65010)	MKP-9	Prop Nut Kit	**$7.95 E**
476312	(18-65012)	MKP-11	Prop Nut Kit	**$7.95 E**



Minn Kota Weedless Wedge 2 Propellers

The next generation of the industry's only 100% fully weedless prop. Swept-back, flared blades "wedge" weeds away, allowing you to pass through heavy vegetation at any speed, without draining valuable battery power.

MKP-32. 55AT, 55AT/H, 70AT, MAX 55/SC, MAX 55, MAX 55/SC/H/3X, MAX 70, MAX 70/H/3X, MAX 70/SC, MAX 70/US, MAX 55T, MAX 70T, 50PD, 55PD/AP, 55PD/AP/US, 55PD/US, 65 PD, 54 PD PONTOON, 68PD PONTOON, 70PD, 70PD/AP, 70PD/US, 70PD/AP/US, VECTOR 46, VECTOR 55, VECTOR 55/3X, VECTOR 70, VECTOR 70/3X, ENDURA 46, ENDURA 50, ENDURA 55, ENDURA PRO 46, ENDURA PRO 55, CAMO 55XL, RT55/B/SC/L&D, RT55/B/L&D/3X, RT55/B/3X, RT65/B/SC, RT65/B/SC/L&D/3X, RT55/AP, RT70/AP, RT50/S, RT55/S.

MKP-33. MAX 80, MAX 80/US, MAX 80/H/3X, MAX 101, MAX 101/US, MAX 101/H/3X, MAX PRO 80, MAX PRO 80/US, MAX PRO 101, MAX PRO 101/US, MAX 80T, 80PD, 80PD/AP, 80PD/AP/US, VECTOR 80/3X, VECTOR 101/3X, VANTAGE 80, VANTAGE 101, RT80/B, RT80/B/L&D, RT80/B/3X, RT80/B/L&D/3X, RT80/S/3X, RT101/B, RT101/B/3X, RT101/S/3X, RT80/AP.

476286	(18-65017)	MKP-32	3-5/8"	**$33.95 E**
476287	(18-65018)	MKP-33	4"	**$49.95 E**



Minn Kota Weedless Wedge Propellers

100% weedless, even at slow fishing speeds. Super strong, super efficient. Lets you go where the fish are.

MKP-6. 40PD, Endura 40, 40AT and 40AT/H.

MKP-7. 50PD, 55PD, 65PD, Genesis 55/AP, MAX55, MAX55BT, MAX55/H, MAX55/SC, MAX55T, MAX65, MAX65T, MAX65-US, MAX65BT, MAX65/H, MAX65/SC, Endura 50, Endura 55, 55AT, 55AT/H, 65AT, RT55/S, RT55/B/H, RT55/SC/H, RT55/AP, RT65/S, RT65/B, RT65/AP, Camo 44, 54PD Pontoon and 64PD Pontoon.

MKP-8. MAX74, MAX74-US, MAX74/H, MAX74T, MAX74BT, , RT74/S, RT74/B/B and Genesis 74/AP.

MKP-24. MAX101, MAX101/H, Vantage 101, RT101/S, RT101/B and RT101/B/B.

476261	(18-65003)	MKP-6	3-1/4"	**$20.95 E**
476273	(18-65006)	MKP-7	3-5/8"	**$30.95 E**
476285	(18-65007)	MKP-8	4"	**$40.95 E**
476425	(18-65013)	MKP-24	4"	**$46.95 E**



Minn Kota Quick Release Bracket Mounts

Allows for easy removal of any PowerDrive or PowerDrive with AutoPilot trolling motor. Extruded aluminum design with sidescrew provides quiet and secure locking system.

476595 (18-54013) MKA-16-02 PD/AP QRB **$55.95 E**

Allows for easy removal of any Riptide trolling motor. High-yield composite construction is super strong and impervious to corrosion. Low-profile design leaves deck clear when motor is removed. Locking handle with stainless steel can be secured with padlock (not included).

476630 (18-54019) RTA-19 **$117.95 E**

Allows for easy removal of any Maxxum, Maxxum Pro, All Terrain or Edge trolling motor. High-yield composite construction is super strong and impervious to corrosion. Low-profile design leaves deck clear when motor is removed. Locking handle with stainless steel can be secured with padlock (not included).

476635 (18-54023) MKA-23 **$117.95 E**

Allows for easy removal of any Maxxum trolling motor. Fits 42" shaft foot control motors, 42" and 52" shaft hand control motors.

476665 (18-62014) MKA-42 **$123.95 E**

Allows for easy removal of any Maxxum trolling motor. Fits 52" and 62" shaft foot control motors, and 62" shaft hand control motors.

476627 MKA-52/62 **$147.95 E**

476667 (18-54016) RTA-17-02 Riptide PD/AP Saltwater **$92.95 E**

MotorGuide Great White Bow Mount Trolling Motors

Saltwater. Designed and Built for the Saltwater Fisherman - Ultra pure aluminum coating "Self Heals" from scratches providing unmatched protection. All metal mounts with hinged door for easy motor removal. Stainless steel shaft to withstand the rigors of saltwater use. All components are chromate conversion coated. Sacrificial anode. Anodized aluminum mounts and components prevent galvanic corrosion. Durable efficient lower unit with alumiplate process. 3 blade Machete Prop for shallow water running and quiet power.



MotorGuide

Great White Bow Mount

			Thrust	Volt	Column	
Speed: 5/2. Steering style: Twist. Gator 360° Mount.						
501261	(922410010)	SW54 HB	54 lbs.	12	SS/50" L	**$554.95 C**
Speed: Var/Rev. Steering style: Ext Twist. Gator 360° Mount.						
501710	(924410050)	SW82 HB Digital	82 lbs.	24	SS/50" L	**$922.95 C**
501725	(924410070)	SW109 HB Digital	105 lbs.	36	SS/50" L	**$993.95 C**

Digital Guardian monitors your motor's amp draw, heat dissipation, output and other vital parameters. The result is a motor that self-regulates - a cooler, more durable running motor with an extended service life. It is a self-contained, sealed module in the lower unit that brings all vital motor components together in one protected location, eliminating outdated analog circuit boards and related componentry.

Digital Wireless Saltwater Series

Total Wireless Control of the Trolling Motor. 99.9% Pure AlumiPlate Coating "Self Heals" From Scratches Providing Added Protection. Digital Guardian Is Epoxy-Coated & Fully Sealed. Easy One Handed Stow & Deploy. Quick Release Mounting Plate. 33% Thicker Composite Shaft. Variable speed control. Optional Wireless Foot Control Available. INCLUDED IN THE BOX: Wireless Remote Key Fob, Mounting Plate Cover, Mounting Plate for Easy Removal and 2 Blade Power Prop.

			Thrust	Volt	Column	
501759	(970200086)	W75 SW Wireless	75 lbs.	24	48" L	**$884.95 C**
501761		W75 SW Wireless	75 lbs.	24	60" L	**$895.95 C**
502321	(MGA515A1)	Removable Mounting Plate - White				**$64.95 E**



Special Handling May Apply

MOTOR ACCESSORIES

MotorGuide VariMAX™ Series Trolling Motors



Digital variable speed control minimizes amp draw and maximizes fishing time--fish up to 3.5X longer than a 5-speed motor. Legendary Great White corrosion protection and durability. Revolutionary push/pull, forward/reverse speed adjustments. BlueVis integrated speed and battery indicator. Extending tri-lobe soft-touch handle.

Freshwater - Hand Control Transom Mount

501289	(966010010)	V40HT	40 lbs.	12 volt	30″	**$184.95 C**
501290	(966010030)	V45HT	45 lbs.	12 volt	36″	**$218.95 C**
501291	(966010050)	V55HT	55 lbs.	12 volt	36″	**$268.95 C**

Freshwater - Hand Control Bow Mount

501384	(966080020)	V55HB	55 lbs.	12 volt	50″ Flex Mnt.	**$414.95 C**
501386	(966080030)	V70HB	70 lbs.	24 volt	50″ 20.8 Mnt.	**$408.95 C**

Freshwater - Hand Control Pontoon Mount.

501460	(966050010)	V55HP	55 lbs.	12 volt	50″	**$408.95 C**
501475	(966050020)	V70HP	70 lbs.	24 volt	50″	**$503.95 C**

Great White Saltwater - Hand Control Bow Mount.

501266	(966180810)	V55SWHB	55 lbs.	12 volt	50″ Flex Mnt.	**$514.95 C**
501410	(966180820)	V70SWHB	70 lbs.	24 volt	50″ 20.8 Mnt.	**$727.95 C**

MotorGuide Tour Series Bow Mount Foot Control



Tour Series...The choice of the pros when reliability and performance is what counts! Raised lighted directional indicator. Durable all metal head. Extruded aircraft aluminum breakaway. Gator spring mount with spring loaded breakaway. All stainless steel shafts to withstand stumps, rocks and submerged objects. Stainless steel pull/pull steering cable. Durable all metal foot pedal with soft start and sealed switch for unmatched durability and control. Weedless 3-blade Machete Prop. Durable, quiet, efficient lower unit. Extended skeg for lower unit protection. 3 year warranty. Digital control, variable speed to match the day's conditions and extend battery life. Mount: #21 Gator Spring. Speed: Var. Steering style: Metal/Pull/Pull. **New Digital RF Remote Sold Separately.**

		Thrust	Volt	Column	
501088	(9BT42GAAF) TR82 FB Digital	82 lbs.	24	SS/45″ L	**$1,002.95 C**
501103	(9BT52GAAF) TR82 FB Digital	82 lbs.	24	SS/50″ L	**$1,007.95 C**
501139	(9BX43GAAF) TR109 FB Digital	105 lbs.	36	SS/45″ L	**$1,080.95 C**
501141	(9BX53GAAF) TR109 FB Digital	105 lbs.	36	SS/50″ L	**$1,086.95 C**

MotorGuide Thruster Transom Mount



THRUSTER Transom Mount - All metal mount. Aluminum shafts. Twist tiller controls. 5 forward speeds, 2 reverse. Machete III Prop. Compact lower unit. Features the all-metal #03 transom mount with five forward and two reverse speeds. Thruster Series trolling motors feature a two-year factory backed limited warranty. Mount: #03 Transom. Speed: 5/2. Steering style: Twist-Tiller. 12 volt.

		Thrust	Column	
501287	(960010010) Thruster 30 HT	30 lbs.	Alum/30″ L	**$118.95 C**
501282	(960010020) Thruster 36 HT	36 lbs.	Alum/30″ L	**$165.95 C**
501283	(960010040) Thruster 46 HT	46 lbs.	Alum/36″ L	**$214.95 C**

MotorGuide Freshwater Bow Mount Trolling Motors

MotorGuide



			Thrust	Volt	Column	
Gator 360° Mount. Speed: 5. Steering style: Rack and Pinion.						
501036	(921310200)	FW40 FB	40 lbs.	12	Alum/36" L	**$363.95 C**
501037	(921310210)	FW40 FB	40 lbs.	12	Alum/42" L	**$363.95 C**
Gator 360° Mount. Speed: 5. Steering style: Rack and Pinion.						
501066	(921310110)	FW46 FB	46 lbs.	12	Alum/36" L	**$465.95 C**
501078	(921310120)	FW46 FB	46 lbs.	12	Alum/42" L	**$471.95 C**
501041	(921310150)	FW54 FB	54 lbs.	12	Alum/36" L	**$540.95 C**
501043	(921310160)	FW54 FB	54 lbs.	12	Alum/42" L	**$546.95 C**
501054	(921310170)	FW54 FB	54 lbs.	12	SS/50" L	**$558.95 C**
Gator 360° Mount. Speed: 5. Steering style: Rack and Pinion.						
501121	(921310180)	FW71 FB	71 lbs.	24	SS/45" L	**$621.95 C**
Gator 360° Mount. Speed: Var. Steering style: Rack and Pinion.						
501116	(923310060)	FW71 FB Dig.	71 lbs.	24	SS/45" L	**$743.95 C**
501128	(923310070)	FW71 FB Dig.	71 lbs.	24	SS/50" L	**$751.95 C**

Special Handling May Apply

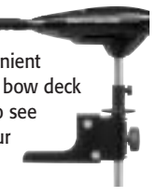
MotorGuide Freshwater Bow Mount - Hand Control

MotorGuide



Gator 360° Mount. Speed: 5/2. Steering style: Twist.

			Thrust	Volt	Column	
501380	(921410010)	FW54 HB	54 lbs.	12	SS/50" L	**$492.95 C**
501382	(921410020)	FW71 HB	71 lbs.	24	SS/50" L	**$861.95 C**
Gator 360° Mount. Speed: Var/Rev. Steering style: Ext. Twist.						
501355	(9CT52FQAF)	FW82 HB Digital	82 lbs.	24	SS/50" L	**$861.95 C**



Here's a pontoon-specific mount that offers fast, easy motor removal for convenient storage. The mount installs easily to the bow deck and takes up very little room. It's easy to see how these motors make fishing from your pontoon boat a whole lot easier and much more efficient.

Freshwater Bow Mount Pontoon

Mount: #1P Pontoon. Speed: 5/2. Steering style: Ext Twist.

			Thrust	Volt	Column	
501456	(9DD51JQAF)	FW54 HP	54 lbs.	12	SS/50" L	**$428.95 C**
501468	(9DV52JQAF)	FW71 HP	71 lbs.	24	SS/50" L	**$553.95 C**

Special Handling May Apply

MotorGuide Wireless Remote Electric Steer Series Trolling Motors

MotorGuide



MotorGuide Wireless Remote Electric Steer Series Trolling Motors

55 lb. thrust with variable speed and composite shaft. Standard with a wireless foot pedeal and the versatility to add up to four remote inputs, including a handheld remote control. With a built-in removable mount, rough-water lower unit cradle and an integrated battery indicator. Thrust 55 lbs. 12 volt.

501754 (970100020) 48" Shaft **$638.95 C**

MotorGuide Gator 360° Mount



MotorGuide Gator 360° Mount - Freshwater
Every mount features a hinged door for easy motor removal. All metal mounts. All parts extruded aircraft aluminum. NEW soft touch knobs. 3/8" stainless steel pins for lock-and-stow and lock-and-run. Breakaway feature and hinged door for easy motor removal.

502578 (MST9360FW) **$214.95 E**

MotorGuide Wireless Foot Pedal

NEW ITEM



MotorGuide Wireless Foot Pedal
501764 (8M4000952) **$74.95 E**

MotorGuide Accessories


502054


502042


Power Prop


502029


Nite Guide Direct


Mounting Isolator


Prop Wrench Kit

MotorGuide Accessories

501762	(M887657)	Digital Remote Key	**$51.95 E**
502028	(MGA0476)	2 Blade Power Prop, 3" Hub	**$24.95 E**
502030	(MGA0495)	2 Blade Power Prop, 3.5" Hub	**$24.95 E**
502029	(MGA502A1)	3 Blade Hydrilla Hacker	**$36.95 E**
502042	(MGA087M)	Metal Machete Prop	**$43.95 E**
502054	(MGA089B)	Machete III Prop	**$24.95 E**
502105	(MAR09901)	Prop Nut	**$1.95 E**
502117	(MGA05086)	Prop Wrench Kit	**$11.95 E**
502232	(MAK04305)	Nylon Rope	**$1.95 E**
502307	(MHF15001)	Rotary Switch	**$10.95 E**
502319	(MGA015P86)	Mounting Isolator	**$8.95 E**
502408	(MAR08202)	Adjusting Knob	**$1.95 E**
502410	(MBK300132)	1P Pontoon	**$86.95 E**
502460	(MCK300072)	Transom Mount	**$42.95 E**
502511	(MGA092X1)	Removable Troll	**$100.95 E**
502515	(MGA09786)	Bounce Buster, 20	**$33.95 E**
502573	(M9377)	63" Cable Assemby with Stud	**$18.95 E**
700843	(W23X1A1G10)	Circuit Breaker - 10 amp	**$32.95 A**
7-0018	(MAP151022)	Micro	**$16.95 F 3Q**
7-0019	(MBR10201)	Prop Pin	**$4.95 F 3Q**

Trolling Tab Kits



Minn Kota Trim-N-Troll™

We've combined our superior trolling motors with our innovative Trim Tabs. Trim-N-Troll utilizes an integrated bracket to mount a Minn Kota motor to each Trim Tab. Corrosion-resistant and designed to give you more room to fish on an clean, uncluttered deck. Trim-N-Troll ships ready to fish with two 80 lb lower units, 2 long-stroke actuators, 2 Trim Tabs, a motor control unit, wireless remote, network splitter and indicator switch. All mounting hardware is included to get you on the water quicker. 24 volt.

477057 (1863650) 9″ x 12″ **$1,702.95 C**



Lenco Marine Trolling Tab Kits

Actuator is fully submersible, maintenance-free and sealed for life. Anti-Cavitation plate. Weed-free Machete III Prop - go shallower, faster and quiter with NEW Tapered hub. Electro-polished 12 gauge stainless steel. Completely sealed 82 lb thrust digital motors. Each kit is pre-assembled and contains: (2) Extreme duty actuators, (2) trim planes, (2) 24 volt - 80# thrust trolling motors, (1) control box, (1) hand control, (1) rocker switch and all mounting hardware.

252546	9" x 9"	For Boats 14' - 18'	**$1,687.95 B**
252558	9" x 12"	For Boats 16' - 25'	**$1,687.95 B**
252560	12" x 12"	For Boats 18' - 30'	**$1,687.95 B**



252565



Lenco Marine Drive 164 Trolling Systems

The system utilizes two 82 lb. thrust trolling motors mounted to the transom, and incorporates a digital, infinite variable speed foot pedal to operate both motors in unison, for a total of 164 pounds of forward and reverse thrust. The motors are extremely corrosion resistant, and mounted in 7-gauge electro-polished stainless steel housings. There are no shafts, no "mounts" and no extra parts required to make the system "heavy-duty," it already is. Only 4 inches of width and 13 inches of height (per side) are required to mount the motors, and everything you need (excluding batteries) is included with the kit. An anti-cavitation feature is also included, to help maintain silence in rough or shallow waters. The Lenco Drive 164 gives new meaning to the word convenience. At the touch of a button, both motors are fully deployed or retracted in less than 5 seconds using Lenco's proven extreme duty actuators. The foot pedal control gives you the power of TWO trolling motors at the same time, from virtually any location on the boat. Just plug in the pedal, and you're ready to go. Each kit is pre-assembled and contains two (2) extreme duty 2-1/2" stroke actuators, two (2) 24 volt digital trolling motors with prop's, digital control box, foot pedal, anti-cavitation plates, all mounting hardware and complete instructions.

252534	Complete System	**$1,562.95 B**
252540	Complete System without Switch	**$1,527.95 B**
252577	(125) Single Rocker Switch	**$42.95 D**

Lenco Marine Wireless Remote Control

Integrates directly with the foot pedal and control unit already with your Lenco Troll'n Tabs or Lenco Drive 164.

252565 (TNTRC) **$219.95 D**

Minn Kota Engine Mount Motor

Minn Kota Engine Mount Motor

Remote speed control/easy to steer. Control the speed of your EM motor with a corded remote control that can be mounted or handheld. Offers infinitely variable speed control in forward and reverse. Features neutral (off) detent position. The motor can be steered using the boat's steering wheel or outboard tiller. Maximizer. Up to five times longer run time on a single charge. Sealed and protected electronics. Single Composite. 55# thrust. 12 volt.

476058 (1370610) MK55EM **$631.95 B**



Trolling Motor Accessories



T-H Marine Foot Control Switches

For manually operated (hand controlled trolling motors that provides the convenience of turning the motor on by simply pressing down on the switch with your foot without having to reach the trolling motor head. The foot switch is rated up to 50 amps DC and features a 15° tilt angle for easy operation. Model FCS-2 has a flip lever for continuous ON.

640257 (FCS-1) Foot Control **$18.95 H**
640258 (FCS-2) Foot Control with Flip Lever **$18.95 H**



Rod Saver "Flat Foot" Recessed Trays for Trolling Motor Foot Control

Constructed with 1/8" thick aluminum and baked on powder coat finish. Stainless steel mounting hardware included.

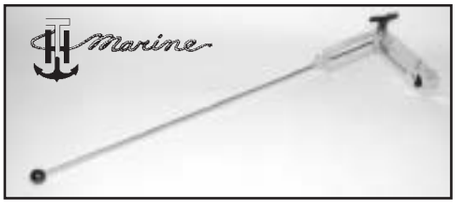
337419 (FFMK) For Minn Kota Brand Motors **$205.95 H**
337421 (FFMG) For MotorGuide Brand Motors **$205.95 H**



Rod Saver Trolling Motor Saver

Keeps motor firmly mounted to the boat and not at the bottom of the lake. Most importantly, it keeps the trolling motor secure with less bouncing while traveling down the lake. Adjustable 9" to 18".

337394 **$13.95 H**



T-H Marine The Extender

Trolling motor extension handle for hand controlled electric fishing motors. Easily installs on any motor with a 1" or 1-1/8" diameter shaft. Constructed of high quality cast aluminum with a stainless steel shaft, stainless steel hardware, nylon bushings with molded plastic knobs. The stainless steel shaft is adjustable from 0" - 30" long. Sold each per skin packed card. Standard pack 12.

642202 (EX-1) **$80.95 H**



Marpac Trolling Motor Foot Switch

7-1170 **$14.95 F 3Q**



T-H Marine Trolling Motor Circuit Breaker Kit

Protects trolling motors from damage. Contains: 50 amp circuit breaker. 3' of 8-gauge wire to battery. Kit includes mounting box, fasteners and second ring terminal for attaching trolling motor wire.

640075 (CBBK-1) **$49.95 H**



Swivl-Eze Trol-Lock

Unique, Trol-Lock products let you remove trolling motor in seconds. Perfect for fish-and-ski and pontoon boats. 5-1/2" x 20-1/2" black powder coated base. With 5-1/2" diameter mounting plates.

Pre-drilled for MotorGuide trolling motors with 07 and 16 mounts. Max torque: 2,604 - lb. - in. Retro fits the 01 and 15 mounts as well. Comes with glass filled plastic mounting pads and step pad covers.

587370 (5000) **$93.95 F**

Pre-drilled for MotorGuide trolling motors with 20.5 and 21 mounts. Max torque: 6,540 - lb. - in. Retro fits the 20 and 25 mounts as well. Comes with aluminum mounting pads.

587375 (5650) **$142.95 F**



T-H Marine Trolling Motor Mount

For clamp-on type trolling motors. Designed for motor to be removed when boat is under engine power or being trailered. Made of cast aluminum with seasoned wood mounting block. Maximum thrust of 36 pounds.

641109 (TMM-1) **$58.95 H**

Trolling Motor Connectors



Marpac Male Boat Side Connectors

7-1304	12 volt	2 Wires	**$8.95 F 3Q**
7-1308	24 volt	3 Wires	**$10.95 F 3Q**

Sierra Male Boat Side Connectors

6" wire with butt connector. 8 GA. Ready-wired. Sold each per display pack.

181052	(18-1052) 12 volt	2 Wires	**$10.79 H**
181054	(18-1054) 24 volt	3 Wires	**$12.41 H**



Marpac Female Motor Side Plugs

7-1306	12 volt	2 Wires	**$8.95 F 3Q**
7-1310	24 volt	3 Wires	**$8.95 F 3Q**

Sierra Female Motor Side Plugs

6" wire with butt connector. 8 GA. Ready-wired. Sold each per display pack.

181053	(18-1053) 12 volt	2 Wires	**$8.67 H**
181055	(18-1055) 24 volt	3 Wires	**$10.22 H**



Marpac Male Trolling Motor Sockets

7-1298	12 volt	2 Wires	**$7.95 F 3Q**
7-1302	24 volt	3 Wires	**$7.95 F 3Q**

Sierra Male Trolling Motor Plugs

Wire with butt connector. 10 GA. Ready-wired. Sold each per display pack.

181048	(18-1048) 12 volt	2 Wires	**$8.67 H**
181050	(18-1050) 24 volt	3 Wires	**$10.22 H**



Marpac Female Trolling Motor Sockets

7-1296	12 volt	2 Wires	**$8.95 F 3Q**
7-1300	24 volt	3 Wires	**$8.95 F 3Q**

Sierra Female Trolling Motor Sockets

Wire with butt connector. 10 GA. Ready-wired. Sold each per display pack.

181047	(18-1047) 12 volt	2 Wires	**$10.79 H**
181049	(18-1049) 24 volt	3 Wires	**$12.41 H**



Minn Kota Trolling Motor Plug and Receptacle

Provides universal design for 2 or 3 wire configurations on 12 to 36 volt systems. Features a watertight sealing cap and corrosion resistant, plated brass electrical components. Locks into receptacle for a watertight seal. Requires a standard 1-1/8" diameter mounting hole.

476590 (18-65102) MKR-18 **$36.95 E**



T-H Marine Ranger Trolling Motor Plugs and Base

Direct OEM replacement, rated at 50+ AMPs. Gold contacts.

641870	(TMBMP-1)	Replacement Plug	**$33.95 H**
641894	(TMRCP-1)	Replacement Charging Plug	**$29.95 H**
641882	(TMFR-1)	Replacement Base	**$42.95 H**



217940



217941

Marinco ConnectPro Trolling Motor Plug and Receptacle

The new ConnectPro trolling motor plug and receptacle is a revolutionary new concept in trolling motor connections. The ConnectPro has superior electric current carrying capacity to eliminate problems that rob motors of power and reduce battery life. The ConnectPro system features a locking plug and receptacle with spring clamping connections which provides a secure electrical contact. Universal design for 2 or 3 wire configuration; 12, 23, 12/24, 24/36 or 36 volt systems.

217942	(12VCP)	Plug and Receptacle Kit	**$34.95 F**
217940	(12VBP)	Plug Only	**$16.95 F**
217941	(12VBR)	Receptacle Only	**$21.95 F**

MOTOR ACCESSORIES

Marinco Trolling Motor Connectors

MARINCO-AFi



Marinco Male Plug

30 amp, 125 volt locking. 3 wire system. Short housing, black nylon with internal strain relief system and recessed fasteners.

217922 (305BP) **$19.95 F**



MARINCO-AFi

Marinco Receptacles

30 amp, 125 volt. 3 wire system. Corrosion resistant receptacle made of reinforced nylon. Will accept 8 gauge stranded wire or up to 6 gauge with ring terminals.

217934 (305CRR) White **$33.95 F**
217441 (305CRR) Black **$33.95 F**

MARINCO-AFi



Marinco On-Board Charger Inlet

15 amp, 125 volt straight blade inlet. Can be mounted almost anywhere on a boat. Low profile cap won't catch fishing line. Mounts easily to fiberglass and aluminum hulls. Perma-Lock™ terminals and color coded wire entrance holes make wiring a snap. UV resistant housing and cap. The inlet mounts on the boat's exterior and is hard wired directly to the charger. Just open the flip lid cover and plug and extension cord into the inlet to bring charging power to the boat's batteries.

217908 (150BBI) **$18.95 F**



Marinco 4-Wire System Package

Package includes: **217972** (2018BP-12), **217984** (2018BP-24) and **217996** (2018BR-MB). Enclosed in one package and economically priced.

218001 (2018PKG) **$91.95 F**

MARINCO-AFi

MARINCO-AFi



Marinco Trolling Motor Plug (Male)

Trolling motor plug (male) connects to the trolling motor. Jumpered internally to supply 12 volt and 24 volt power to the trolling motor when plugged into the receptacle. Black.

217984 (2018BP-24) **$21.95 F**

MARINCO-AFi



Marinco Charger Plug (Male)

Charger plug (male) connects to a 12 volt battery charger to allow simultaneous charging of two 12 volt batteries when plugged into the receptacle. Red.

217972 (2018BP-12) **$22.95 F**



MARINCO-AFi

Marinco Receptacle and Bracket

Convenient mounting bracket with flip lid cover and receptacle, pre-assembled. The receptacle is corrosion resistant made of glass reinforced nylon. Black. Will accept 8 gauge stranded wire or up to 6 gauge with ring terminals.

217996 (2018BR-MB) **$68.95 F**

MARINCO-AFi

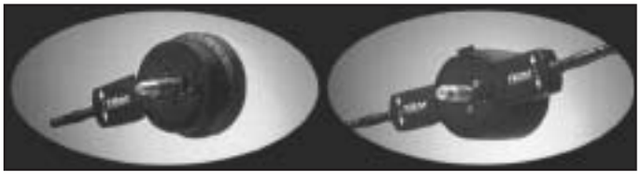


Marinco Receptacle

12/24 volt. Made of glass reinforced corrosion resistant nylon. Black. Will accept 8 gauge stranded wire or up to 6 gauge with ring terminals.

217960 (2018BR) **$46.95 F**

Teleflex MARINE



Single **Dual**

Teleflex Pro Trim Controls
Trim control where it belongs – at your fingertips! Revolutionary trim control allows fingertip adjustment of engine trim or jack plate while keeping both hands on the wheel! Great for performance boats. Single switch version allows control of trim or jack plate. Dual version lets you control both functions.

839502 (PT1000P) Single **$85.95 H**
839540 (PT2000P) Dual **$119.95 H**

T-H Marine



T-H Marine Steering Trim Control Unit
Mounts easily to steering wheel spokes. The weatherproof, rubber booted, push button switches combined with a black urethane coiled cord provide a unit which will provide trim control without removing hands from steering wheel. Sold each per skit packed card. Standard pack 12.

640133 (ST-1) **$50.95 H**

T-H Marine



T-H Marine FingerFlex™
The ultimate in trim control for hydraulic helms. No wheel removal required. Wrap around bracket installs in minutes. PosiClik™ technology for positive touch. Also operates power jack plates.

640246 (FFTB-1) Bezel Mount, Single **$54.95 H**

T-H Marine



T-H Marine Ceacap Bulkhead Pass-Thru Fittings
Watertight seal for cables, tubing or wires. Self-attaching - no hardware needed. Turn down washer included. Fits 3/4" holes - slot is 1/4" diameter.

642100 (TH-CC-1) Black **$8.95 H**
642112 (TH-CC-2) White **$8.95 H**

T-H Marine



T-H Marine Trim Handle
Mounted directly on throttle and shift lever for maximum safety and ease of operation. The switches are push button, weatherproof and have a 50 amp rating. Standard pack 12.

640156 (EJT-1) OMC **$44.95 H**

T-H Marine



T-H Marine Hot Trim
Floor mounted trim is an excellent safety item in boat performance accessories. Attractive black matte unit comes prewired with wiring instructions to connect it to existing trim wiring. Mounts in floor of boat under console allowing operator to trim engine with foot. Sold each per skin packed card.

640703 (HT-1) **$51.95 H**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Transom Trim Switch
7-1165 **$24.95 F 3Q**

T-H Marine



T-H Marine Transom Mounted Trim Control
Molded black plastic. Provides a weatherproof tilt control system at the stern of your boat. May be mounted on the splashwell or directly to the engine cowling. Sold each.

640210 (TTC-1) **$34.95 H**

Economy Motor Supports

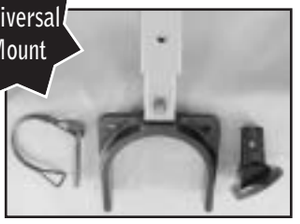


7-0387

marpac Premier

Now with Polypropolene Pads

Universal Mount



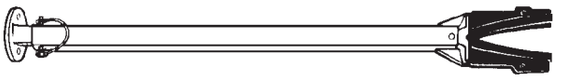


Marpac Motor Support Bracket

21" - 31" adjustable Bolt-on or Over-the-roller universal mount. Indestructible polypropylene pads. All stainless steel hardware and fasteners eliminate corrosion. EPDM rubber strap with stainless steel hooks included. Powder coated cast aluminum head and mounts are lightweight, durable and resist corrosion. Easy-to-handle lightweight aluminum tubing.

7-0386 **$43.95 F 3Q**
7-0387 Spare Bracket Kit **$11.95 F**

attwood



Attwood Swivl-Eze Transom Saver - Shock-Eze Model

Designed to support the cantilevered weight of the motor and stabilize engine and steering mechanism when trailering. Constructed of high-tensile aluminum. Fits all O/B's. Works great for motors with hydraulic trim/tilt. Clear anodized tube.

587759 (434-B) Bolt-On Length 36" **$39.95 F**

attwood



Attwood Swivl-Eze
Angle Adjustable Reach Transom Saver

Adjusts from 30" to 60". Unique angle adjustments (patent pending) from 0° to 36° with 12° increments. Innovative design fits most trailers. Heavy duty molded rubber pads to prevent scratching on the lower unit. Steel construction with corrosion resistant black finish on tubes.

512030 (460-ADJ) **$64.95 E**

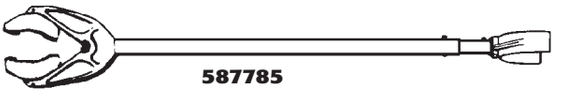
attwood



587710



587773



587785



587707

Attwood Swivl-Eze
Transom Savers - Pro Adjustable Head

Designed to support the cantilevered weight of the motor and stabilize engine and steering mechanism when trailering. Constructed of high-tensile aluminum. Fits all O/B's. Works great for motors with hydraulic trim/tilt.

Clear anodized tube.

587773 (SP-4000-ADJ-B)	Bolt-On	24" - 36"	Skin Packed	**$55.95 F**
587785 (SP-4000-ADJ)	Roller	24" - 36"	Skin Packed	**$49.95 F**
587786 (4000-ADJ)	Roller	24" - 36"	Bulk	**$43.95 F**
587709 (424-ADJ)	Roller	32" - 44"	Bulk	**$55.95 F**
587760 (436-ADJ)	Roller	44" - 56"	Bulk	**$58.95 F**

Black coated tube.

587707 (SP-400-B)	Bolt-on	23" - 35"	Skin Packed	**$42.95 F**
587708 (SP-400-R)	Roller	23" - 35"	Skin Packed	**$36.95 F**

Attwood Swivl-Eze
Replacement Toggle for Pro Adjustable Head

587710 (SP-416) **$8.95 F**



T-H Marine Adjustable Motor Support

Adjustable in length from 27-1/2" to 39-1/2" long. Covers a wide range of boat/engine combinations from outboard with offset transoms and jacking plates to inboard/outboard units. The aluminum adjustable tubing has a heavy wall thickness for strength. The end of motor supports are molded of black high impact plastic for both superior strength and good looks. Sold each per skin packed card. Standard pack 12.

641123 (AMS-1) **$40.95 H**

Marpac Lanyard Kill Switch



Marpac Lanyard Kill Switch
Designed with six different heads, the Marpac Lanyard Kill Switch will fit Honda, Yamaha, OMC, and Mercury/Mariner kill switches. The swivel snap hook eliminates tangles, and the stainless steel crimps won't rust.

7-0495 **$9.95 F**

Jet Logic Ultimate Lanyard™ PWC Safety Lanyards



Jet Logic Ultimate Lanyard™ PWC Safety Lanyards
3 keys to fit ALL brands: SeaDoo, Yamaha, Kawasaki, Polaris, Tiger Shark and Wet Jet. Super comfortable floating detachable wrist band, floating vest lanyard and high pitch pearless whistle for emergencies. A swivel snap hook keeps the cord from tangling. No accessories to buy for this lanyard!

598423 (UL-1) Purple/Yellow **$15.95 F**
598435 (UL-2) Red/Black **$15.95 F**

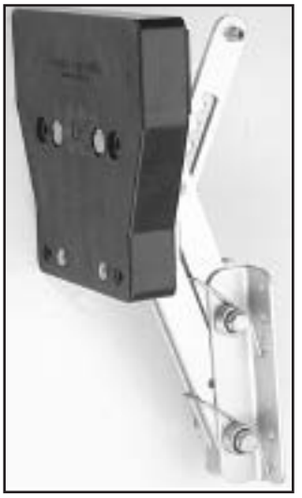
T-H Marine Saf-T-Stop Cut-Off Switches



T-H Marine Saf-T-Stop Cut-Off Switches
For all outboard and dual outboard applications. Black matte finish. For safe emergency stops. Meets legal requirements. An extra strong coiled lanyard with snap and swivel is included. Mounts in a 1-1/2" diameter hole. Overall dimensions of switch housing are 2-3/4" x 2". Sold each per skin packed card. Standard pack 12.

640068 (KS-1)	Single Outboard	**$28.95 H**
640069 (KS-2)	Single I/O	**$28.95 H**
640070 (KS-12)	Dual Outboard	**$36.95 H**
640082 (L-4)	Spare Lanyard	**$9.95 H**

Garelick EEz-In Outboard Motor Brackets



Not For 4 Stroke Motors

Garelick EEz-In Aluminum Outboard Motor Brackets

Tough alloy anodized aluminum with stainless steel springs and bolts. 4-position locking height adjustment. Fits all style motors – extra wide 11-1/2" black poly mounting board. Transom mount locks and holds motor up or swings down for propulsion. Mounting pad: 2" thick x 11-1/2". Designed to accommodate the width dimensions of newer, wider style motor locking clamps. Mounting board dimensions: 11-1/2" W x 10-3/4" H x 2" T. Mounting bracket dimensions: 5-1/4" W x 9" H. Stainless mounting hardware and instructions included.

11-1/4" travel for 7-1/2 to 20 HP motors not exceeding 115 lbs. Recommended for motors with standard shaft length.

360658 (71057) **$202.95 F 2R**

14-1/4" travel for 7-1/2 to 12 HP motors not exceeding 82 lbs.

360660 (71042) **$221.95 F 2R**

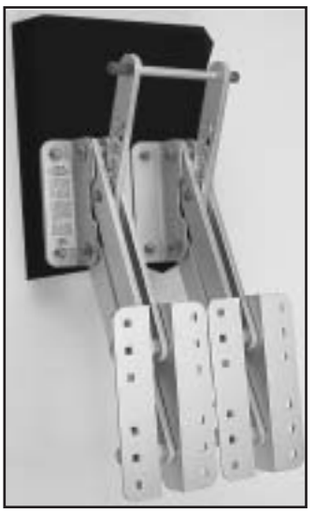


Not For 4 Stroke Motors

Garelick EEz-In Stainless Steel Auxiliary Outboard Motor Bracket

Made of tough 304 stainless steel. Wide track body for added stability. Easier to lift and lower – stainless springs help counterbalance motor weight. Transom mount locks and holds motor up or swings down propulsion. Built-in transom angle adjustment allows optimum motor performance. Fits all style motors – extra wide black poly mounting board for newer, wider style motor locking clamps. Mounting bracket dimensions: 7-5/8" W x 7-7/8" H. Stainless mounting hardware and instructions included. 4 position locking height adjustment. Mounting pad: 2" thick x 11-1/2" wide. 11-1/4" travel for 7-1/2 to 20 HP motors not exceeding 115 lbs. Recommended for use with motors equipped with long shafts and electric starts.

360640 (71056) **$244.95 F 2R**



Not For 4 Stroke Motors

Garelick EEz-In Aluminum Outboard Motor Bracket

Utilizes two Model 71042 brackets side by side mounted on one board. Mounting board dimensions: 12" W x 10-3/4" H x 2" T. 14-1/4" travel for 30 HP motors not exceeding 135 lbs. Recommended for heavier 4 stroke, 9.9 HP motors.

360672 (71044) **$404.95 F 2R**



For 4 Stroke Motors

Garelick EEz-In Outboard Motor Bracket for 4-Stroke Motors

Black satin anodized aluminum body resists corrosion. Accommodates long or short shaft motors. With 5 vertical running position lock bar to compensate for water surface and boat load conditions. 2 positive safety locks secure bracket in up position. Motor safety cable included for added protection. Aircraft type stainless steel hardware. Mounting board dimensions: 11-1/2" W x 10-3/4" H x 2" T. Mounting bracket dimensions: 8-1/8" W x 9" H. 9-1/2" travel for 7-1/2 to 30 HP motors not exceeding 169 lbs.

360662 (71090) **$372.95 F 2R**

Garelick EEz-In Outboard Motor Bracket

Garelick EEz-In
Outboard Motor Bracket for 4-Stroke Motors

Raise and lower trolling and auxiliary motors on power and sailboat with ease. Built especially for new 4-Stroke, heavier, high torque motors (Rated up to 25 HP, 175 lbs.) Extra wide track body for added stability. Accommodates long or short shaft motors. Mounting plate dimensions: 10-1/4" W x 9-3/4" H. Motor safety cable included for added protection. With 5 vertical running position lock bar to compensate for water surface and boat load conditions hard coated for added resistance to wear. Twist lock safety knobs secure bracket in place. Heavy duty stainless steel torsion springs that help counterbalance motor's weight. Easier to hold with comfortable, soft Hypalon grip handle designed to accept most style outboard motor locks. Black satin anodized aluminum body resists corrosion. 2" thick, extra wide black poly mounting board weatherable and maintenance free. Aircraft type stainless steel hardware - for increased durability with nylon friction resistant washers. Mounting board dimensions: 11-1/2" W x 12" H x 2". HP Rating: Over 7-1/2 to 25. Motor weight not to exceed 175 lbs. Vertical travel: 15-1/2".



360723 (71091) **$552.95 F**

Garelick Adjustable Stationary Motor Bracket

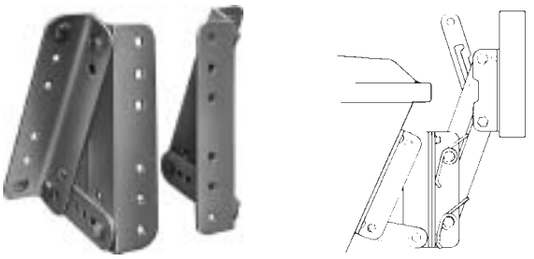
Garelick EEz-In
Adjustable Stationary Outboard Motor Bracket

Vertical transom mount. Fixed height for auxiliary or trolling motor. Adjustable plus or minus 7° to 35° transoms. 304 stainless brackets and hardware. 1-1/2" black poly mounting board, 8" width. For motors up to 15 HP.



360696 (71075) **$120.95 F 2R**

Garelick Angle Bracket



Garelick EEz-In Adjustable Angle Bracket

Provides vertical mounting for reverse angle transoms. Fits between transom and outboard motor bracket. Adjusts plus or minus 5°, from 5° to 30°. Fits Models 71040, 71042 and 71057.

360684 (71045) **$75.95 F 2R**

Garelick Repl. Mounting Pad



Garelick EEz-In Replacement Mounting Pad

Black poly. Fits all models except 71044, 71090, 71091, 71092, 71095 and 71096. 2" thick. Width 11-1/2". Height 10-3/4". Predrilled.

361092 (99057) **$59.95 F**

Garelick EEz-In Motor Carriers and Motor Display Stand


360052


360040

Garelick EEz-In Motor Carrier
High tensile alloy reinforced aluminum tube. Tough alloy drawn aluminum up to 25% stronger than extruded tube. 1/2" steel plated axle. Black recycled plastic mounting board. Accepts long shaft motors. Handles motors to 15 HP not exceeding 85 lbs. Two semi-pneumatic 7" x 1.5" rubber tired wheels. Height 35".

360040 (31400) **$70.95 F**

Garelick EEz-In Motor Carrier
High tensile alloy reinforced aluminum tube. Tough alloy drawn aluminum up to 25% stronger than extruded tube. 1/2" steel plated axle. Black recycled plastic mounting board. Accepts long shaft motors. Handles motors to 30 HP not exceeding 130 lbs. Two semi-pneumatic 8" x 1.5" rubber tired wheels. Has fold-down gas can holder with strap tie down. Folds for storage. Height 36-3/4".

360052 (31600) **$95.95 F**



Garelick EEz-In Extra Tough Motor Display Stand
Extra tough storage stand for most motors to 50 hp. and not exceeding 180 lbs. Utilizes tough alloy 1" aluminum tubing. Folds flat for easy storage. 36" height.

360638 (30400) **$95.95 F**

Garelick EEz-In Motor Tilter



Garelick EEz-In Motor Tilter
Leverage tool for use with manual lift motors. Tilts motors back easier with less strain. Compact for stowage. Adjustable to fit shroud of outboards with hand holds. Made of heavy gauge 1" diameter anodized aluminum tubing with aluminum castings. All contact points are cushioned to prevent marring. Handles motors to 40 HP.

360634 (71036) **$77.95 F**



T-H Marine Transom Support Plate
Made of high quality cast aluminum. This plate distributes the stress of the motor mounting bolts to protect the transom. Sold each per skin packed card. Standard pack 6.

640222 (TSP-1) **$22.95 H**



Vance Transom Plate
This item is used for distributing the pull of bolts holding the motor to the transom to avoid cracking of the fiberglass of your boat. Polished and engraved. Must order 24 to engrave name.

623592 (TP-210) **$19.95 F**

T-H Marine Transom Wedges



T-H Marine Transom Wedges
Fits newer model OMC and Mercury engines. Bolt-on engines with factory installed tilt and trim. 15°. Cast aluminum construction allows for full, positive contact between engine bracket and transom. Sold per pair on skin packed card.

640652 (TW-2) **$40.95 H**
640653 (TW-3) Reverse **$45.95 H**

T-H Marine Hydro Jacker Position Gauge Kit



T-H Marine Hydro Jacker Position Gauge Kit
Unique all digital readout. Each number indicates 1/4" rise - 0 to 20. Kit fits all T-H Marine Hydraulic Plates

640846 (HYJGK-1) Black Face **$262.95 H**

T-H Marine Hydraulic Jacking Plates

NEW ITEM



T-H Marine Atlas Series™ Hydraulic Jacking Plates
Self contained hydraulic pump system – No reservoir or lines to install. Fast! – Bottom to top in less than 8 seconds. Rod and slot lifting design – Trouble free lifting action. Hi-tech engineered polymer rods – 6 times more abrasion resistant than steel. Rods made from self lubricating material. Easy two-pin pump removal – Quick maintenance. Installs in half the time of comparable Jack plates.

640808 (AHJ-4) Setback: 4" **$1,019.95 D**
640810 (AHJ-6) Setback: 6" **$1,035.95 D**
640814 (AHJ-10) Setback: 10" **$1,195.95 D**



T-H Marine High Speed Hydraulic Jacking Plate
This new offering from T-H Marine combines the rugged brute strength needed for today's high performance outboards with the high speed necessary to get up fast. High speed - top to bottom in 7-9 seconds. High tensile aluminum for strength - Full 7/8" thick at critical point. Top grade 316 stainless steel SAE fittings on hydraulic lines. Stainless steel cylinder ram. Low amp draw on motor - less 10 amps with full load. Strong 3/4" pivot pins with solid brass bushings. 5" vertical lift plus 2-1/2" built in rise for total of 7-1/2". Salt water resistant - Tested and Proven. Uses standard automotive 5W30 oil. Self bleeding pump for easy installation. Complete kit with reservoir, pump bracket hydraulic lines, switch and wiring harness.

640845 (HYJ-6HS) Setback: 6" **$904.95 D**



T-H Marine
Hydro-Jacker™ Jacking Plate with Hole Shot Plate
By eliminating water drag at take off and acting as a trim tab HOT SHOT allows boats to plane 2 to 3 seconds faster and stay on plane. Virtually eliminates proposing at lower speeds.

640892 (KIT) Setback: 6" **$906.95 D**

T-H Marine Jacking Plates



T-H Marine Hydraulic Jacking Plates

Constructed of 6061 T6 extruded aluminum alloy with 18-8 stainless steel fasteners. The motor bracket moves up and down on the transom bracket by use of rollers machined from aluminum-bronze alloy. 5.5" setback, 5" lift stroke. Designed for V6 and smaller engines.

303500 (PL-65) Without Gauge **$795.95 D**
303501 (PL-65) With Gauge **$962.95 D**



T-H Marine Hydro-Jacker™ Hydraulic Jacking Plates

Full self contained hydraulic pump, notched to allow for full engine tilt, full 5" vertical rise and anodized for protection from salt corrosion.

640842 (HYJ-6)	Setback: 6"	**$863.95 D**
640880 (JPHSP-6H)	Fits 6" Hydro-Jacker - Plate Only	**$67.95 H**
640843 (HYJ-8)	Setback: 8"	**$912.95 D**
640879 (JPHSP-8M)	Fits 8" Hydro-Jacker - Plate Only	**$61.95 H**
640844 (HYJ-10)	Setback: 10"	**$961.95 D**
640882 (JPHSP-10)	Fits 10" Hydro-Jacker - Plate Only	**$79.95 H**



T-H Marine Pro Hi-Jacker HP Hi-Performance Jacking Plates

Meets the strenuous requirements of the latest high performance outboards such as the OMC Ficht, Mercury Optimax and Yamaha 3.1 Liter. Designed with all the features of our popular Pro Hi-Jacker Series, but from full 1/2" aircraft aluminum stock. Our new "Wide Side" design adds a full 2" of material to the adjustment slot areas on the side of the plate for additional strength. Will handle all V6 and V8 Outboards. Solid one piece design, single bolt adjustment from the top, stainless steel bolts with brass nuts, locking bars inside for one-wrench adjustment and full 4" vertical adjustment.

640777 (JP-6HP)	Setback: 6"	**$324.95 E**
640791 (JP-10HP)	Setback: 10"	**$435.95 E**
640881 (JPHSP-6M)	Fits Pro Hi-jacker HP - Plate Only	**$57.95 E**

Note: 1976 to 1979 model Mercury engines may require some special drilling.

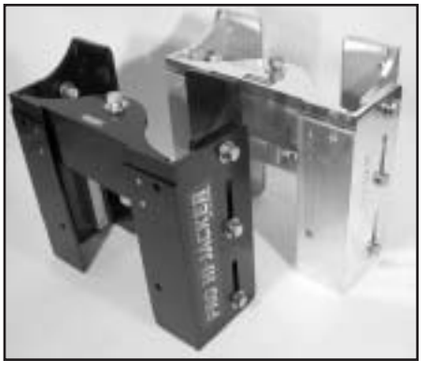
Not for Ficht Motors



T-H Marine Hi-Jacker Jacking Plate

Fabricated from aircraft quality aluminum this unit features a design to allow full engine tilt with dual steering. The stainless steel adjusting bolts are 5/8" for additional strength. The nuts on adjusting bolts used for raising engine are brass to prevent gaulding. Features stainless steel bolts with brass nylon locking nuts and machined area to clear transom cap trim. Fits all V4 and V6 engines. 4" vertical adjustment.

640727 (JP-1A) Setback: 6" **$181.95 E**

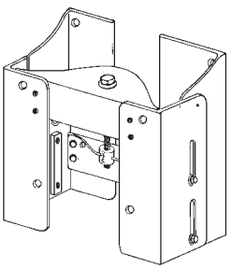


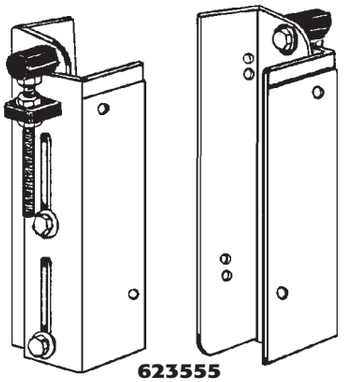
T-H Marine Pro Hi-Jacker Jacking Plate - Aluminum

Inside locking bars allow one wrench adjust. One-piece design - top adjust. High strength aluminum - 3/8" thick. Handles all V6 outboards. Provides 4" of vertical adjustment. Single adjust.

640741 (JP-6PW) Setback: 6" **$268.95 E**

Manual Jacking Plates


623618


623555

Vance Jack Plates
Aluminum construction. Two pair of precision machined aluminum angles locate the motor approximately six inches off transom. Slots in the angles allow four inches of vertical movement to position the motor in the correct location for maximum output. Fits all V4 and V6 engines. Vertical movement: 4".

623555 (JPL-4000)	Polished	Setback: 6"	**$196.95 F**
623581 (JPL-4100)	Polished	Setback: 9-1/2"	**$320.95 F**
623618 (JPL-4500)	Single Bolt	Setback: 6"	**$276.95 F**

Mounting plate for JPL-4000 and JPL-4100 Jack Plates. This mounting plate provides a solid surface for bolting the motor on to the jack plates. Made of lightweight aluminum.

623620 (MP4001) **$57.95 F**

T-H Marine Bolt Kit for Jacking Plates
Bolt kit for mounting outboard engine to jacking plates. Kit contains: (4) 1/2" - 13" x 2-1/2" long bolts, stainless steel, (4) 1/2" – 13 lock nuts, brass with nylon insert and (4) 1/2" – flat washers, stainless steel.

640804 (BK-1) **$31.95 H**



T-H Marine Power Lift (Manual)
One piece design. Centrally located adjustment screw for convenience and positive alignment. 5-1/2" set back from transom. 5" vertical adjustment. The manual CMC Power Lift is totally constructed of 6061 T6 extruded aluminum alloy and fastened with stainless steel fasteners.

303456 (ML-65) **$271.95 D**



T-H Marine Mini-Jacker
Cast aluminum offset type jack plate is designed for clamp-on mount outboard motors up to 35 HP. It also allows mounting of long shaft motors to shorter shaft transom boats. Unit bolts to transom and then engine is simply clamped and/or bolted on. The mini-jacker stands off transom 4". The overall width of transom mounting flanges is 17".

640602 (MJ-1) **$133.95 H**

T-H Marine Power Trim and Tilt


303420


303545

T-H Marine Power Trim and Tilt
Constructed of 6061 T6 alloy aluminum extrusions. Fastened with stainless steel fasteners for maximum strength and durability. It will trim the motor 20° and a total of 65° of trim and tilt. Comes without trim gauge.

303420 (PT-130)	Rated for 130 hp to 35 hp	**$629.95 D**
303444 (PT-35)	Rated for 35 hp and Smaller	**$531.95 D**

T-H Marine Transom Clamp Motor Adapter
For installation of motors mounted with transom clamps.

303545 (13022) For Use with **303420** (PT-130). **$66.95 D**

NEW ITEM



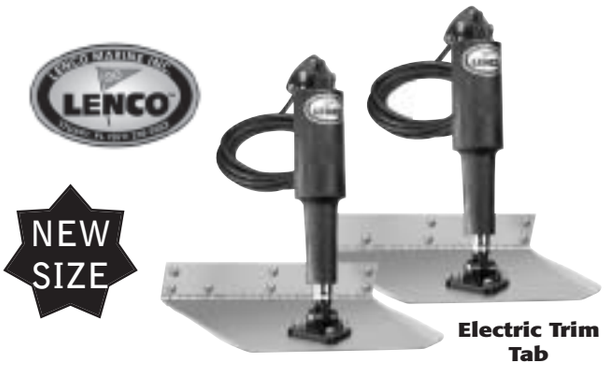
T-H Marine Atlas Series Trim and Tilt - Model THT-130
Rated for 130 HP and smaller outboard motors. Full tilt and trim features up to 80°. Standard engine bracket bolt hole pattern. Powerful and fast hydraulic system. High strength aluminum material. Stainless steel fasteners.

640824 (THT-130) **$614.95 D**

T-H Marine Atlas Series Trim and Tilt - Model THT-35
Rated for 35 HP and smaller "clamp-on" outboard motors. Full tilt and trim features up to 90°. Powerful and fast hydraulic system. High strength aluminum material. Stainless steel fasteners.

640820 (THT-35) **$518.95 D**

Lenco Marine Electric Trim Tabs



Electric Trim Tab



Edge Mount Trim Tab

Lenco Marine Electric Trim Tabs without Switch

Instant response electric actuators for precise control. Everything is fully submersible, maintenance free, and sealed for life. Self-locking ballscrew will not drift, even while backing down. 12 or 14-gauge laser cut stainless steel trim tab planes and hinges. Stainless steel rams will stand up to any sea conditions. High impact corrosion proof mounts, will look great through years of abuse. 12 volt. Kit include: 12 volt actuators (2) with 6' leads and deutsch connectors, (2) stainless steel trim tab blades, 20' actuator extension harnesses (2) with Deutsch connectors and all stainless steel mounting hardware.

252293	9" x 9"	14 Gauge	**$409.95 D**
252306	9" x 12"	14 Gauge	**$421.95 D**
252318	9" x 18"	14 Gauge	**$440.95 D**
252320	9" x 24"	14 Gauge	**$494.95 D**
252332	9" x 30"	12 Gauge	**$522.95 D**
252340	12" x 12"	12 Gauge	**$442.95 D**
252341	12" x 18"		**$487.95 D**

Lenco Marine Electric Trim Tab Kits

Same tabs as above, includes **252576** (10222-211) Rocker Switch.

252508	9" x 12"	**$485.95 D**
252510	9" x 18"	**$504.95 D**
252522	9" x 24"	**$558.95 D**

Lenco Marine Edge Mount Trim Tabs without Switch

252342	9" x 12"		**$421.95 D**
252344	12" x 9"	14 Gauge	**$430.95 D**
252356	12" x 12"	14 Gauge	**$442.95 D**



Lenco Marine Air Boat Trim Tab Kit

Air Boat Trim Tab Kits include: (1) 9" x 12" 14 gauge stainless steel trim plane, (1) 12-volt Extreme Duty (XD) short actuator with 6'-lead and Deutsch connector, (1) 14-foot actuator extension harness and all mounting hardware. Switch kits **252578** sold separately.

252407 (15094-101) **$254.95 D**



Lenco Marine LS - Limited Space Kit

Great for boats with swim platform and/or ladder. Size 4" x 12". Kit includes: 12 volt actuators (2) with 6' leads and Deutsch connectors, 2 stainless steel trim tab blades, 20' actuator extension harnesses (2) with Deutsch connectors, all stainless steel mounting hardware. NOTE: Must order switch separately!

252281 (15088-101) Electro-Polished Blades **$426.95 D**



Lenco Marine Racing Tab Kits

Electro-polished 12-gauge 304 stainless steel blades with 1" turned-up edges, 85° inside taper. 12-volt Standard actuator w/ 5/16" stainless steel bolts. 1/4" diameter hinge pin. Stainless steel mounting hardware. Kits include: (2) actuators (12-volt) with stainless steel mounting bolts, 6-foot leads and Deutsch connectors, 20' actuator extension harnesses (2) with Deutsch connectors, (2) Trim tab electro-polished stainless steel blades, Stainless steel mounting screws. NOTE: Must order switch separately!

252368	(15034-101)	9" x 9"	**$474.95 D**
252370	(15035-101)	9" x 12"	**$487.95 D**
252382	(15037-101)	12" x 12"	**$511.95 D**
252394	(15039-101)	16" x 12"	**$599.95 D**

Lenco Marine Trim Tabs



Lenco Marine Hi Performance Tabs

Kits include: Extreme Duty actuators (2) with 3/8" stainless steel mounting bolts, 6-foot leads and Deutsch connectors (dual ram kits contain 4 actuators), 7-gauge 304 stainless steel electropolished blades (2) with 3-3/4" sacrificial anodes, full transom back plate, adjustable C channel with 3/8" stainless steel bolts and 3/8" stainless steel hinge pin, mechanical strain relief cable seal, = actuator extension harnesses sold separately in lengths of 7', 14', 20', 26' and 32'. Customer supplies mounting hardware. Note: Switch kits sold separately. (When using the LED Indicator Switch Kits, 252572 must be used for the single actuator systems and 252574 must be used for the dual actuator systems.)

252398	(15048-101)	14″ x 12″	Single Actuator	**$1,117.95 D**
252419	(15049-101)	18″ x 12″	Single Actuator	**$1,152.95 D**
252421	(15050-101)	21″ x 14″	Dual Actuator	**$1,780.95 D**
252433	(15051-101)	25″ x 14″	Dual Actuator	**$1,875.95 D**



Lenco Marine Heavy Duty Performance Tabs

Electro-polished 12-gauge 304 stainless steel blades with 1" turned-up edges, 85° inside taper and 3-3/4" Sacrificial Anodes. 12-volt Extreme Duty actuator with 316 stainless steel billet ram. Full transom back plate, adjustable C channel. Mechanical strain relief cable seal. All 5/16" stainless steel bolts, 1/4" diameter hinge pin. Kits include: (2) actuators (12-volt) with stainless steel mounting bolts, 6-foot leads and Deutsch connectors, 20' actuator extension harnesses (2) with Deutsch connectors, (2) Trim tab electro-polished stainless steel blades, pre-assembled. Note: Customer supplied mounting hardware on HD kits. Switch kits sold separately.

252396	(15043-101)	16″ x 12″	**$818.95 D**
252397	(15044-101)	18″ x 14″	**$895.95 D**

Lenco Marine Trolling Tab Kits

Lenco Marine Trolling Tab Kits

Actuator is fully submersible, maintenance-free and sealed for life. Anti-Cavitation plate. Weed-free Machete III Prop - go shallower, faster and quiter with NEW Tapered hub. Electro-polished 12 gauge stainless steel. Completely sealed 82 lb thrust digital motors. Each kit is pre-assembled and contains: (2) Extreme duty actuators, (2) trim planes, (2) 24 volt - 80# thrust trolling motors, (1) control box, (1) foot pedal, (1) rocker switch and all mounting hardware.

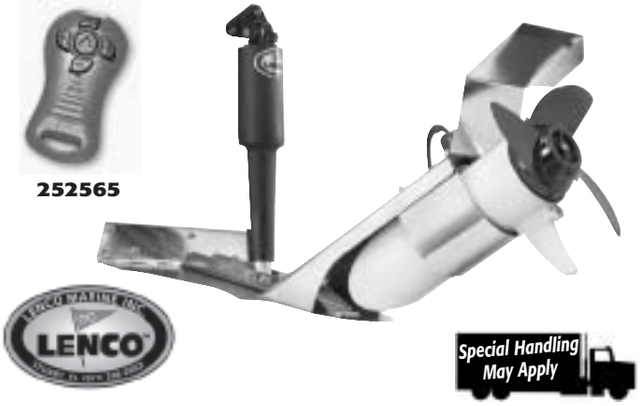
252546	9" x 9"	For Boats 14' - 18'	**$1,687.95 B**
252558	9" x 12"	For Boats 16' - 25'	**$1,687.95 B**
252560	12" x 12"	For Boats 18' - 30'	**$1,687.95 B**
252577	(125) Single Rocker Switch		**$42.95 D**

Lenco Marine Wireless Remote Control

Integrates directly with the foot pedal and control unit already with your Lenco Troll'n Tabs or Lenco Drive 164.

252565 (TNTRC) **$219.95 D**

252565



Lenco Marine Bennett Retro-Fit Kit

Lenco Marine Bennett Retro-Fit Kit

High performance, instant response and maintenance-free actuators are now available to retrofit any boat equipped with the standard length Bennett hydraulic cylinders (A1101A - 4 ring version). Any Bennett switch other than standard rocker will have to be upgraded to Lenco switch.

Kit includes everything necessary to upgrade your current boat without any drilling or filling. Simply discard the hydraulic pump unit ad the two Bennett cylinders. Install the two Lenco electric actuators with our new style upper mounting brackets on your existing Bennett trim planes. Connect our actuator wiring to the existing harness (jumper wires are included for attaching to current switch). Complete installation instructions are included.

252609 **$389.00 D**



Lenco Marine Accessories



Lenco Marine Tactile Switches

Complete your trim tab system with the latest switch technology - totally waterproof, maintenance-free tactile switches. All Lenco Tactile Switches feature: Built-in Retractor, Solid state electronics, Plug & Play, Low profile design, Self-contained, sealed keypad & control box with waterproof connectors, Simple, quick installation. Includes 36" power pigtail for control box.

252575	(15069-001)	124SSR - Complete Switch Kit	**$121.95 D**
252611	(30134-001)	Control Box Only	**$96.95 D**
252732	(30006-001)	Replacement Keypad Only	**$32.95 D**

L.E.D. Indicator Switches additionally feature: 2 High-intensity L.E.D. Indicator displays show the exact position of the trim tabs at all times, Photo Eye for optimum viewing in all light conditions, Backlit Keypad for optimum viewing at night, Self-Check feature, For 12- or 24-volt applications.

Single Actuator Systems Only.

252572	(15070-001)	123SC - Complete Switch Kit	**$286.95 D**
252623	(30072-001)	Control Box Only, Single Actuator	**$225.95 D**

Dual Actuator Systems Only.

252574	(15071-001)	123DRSC - Complete Switch Kit	**$378.95 D**

Replacement Keypad (Works with Both Single and Dual Actuator Systems

252734	(30007-001)	L.E.D. Replacement Keypad	**$72.95 D**



Lenco Marine Actuator Extension Harnesses

Deutsch connectors – completely waterproof, quick-easy installation

252659	(30133-002)	14′	**$18.95 D**
252661	(30133-103)	20′	**$23.95 D**
252673	(30142-001)	26′	**$41.95 D**
252685	(30142-002)	32′	**$45.95 D**



252716



252718



252714

Lenco Marine Accessories

252728	(10030-001)	Mnt. Screws f/Blade Hinge & Bracket	**$9.95 D**
252720	(15087-001)	Mounting Pin, Delrin	**$8.95 D**
252736	(15092-001)	1-7/8" Sacrificial Anode	**$14.95 D**
252738	(15093-001)	3-3/4" Sacrificial Anode	**$24.95 D**
252712	(15086-001)	Deutsch Conn. Electrical Repair Kit	**$9.95 D**
252714	(15085-001)	Upper Mounting Bracket	**$11.95 D**
252718	(50015-001)	Std. Upper Mounting Bracket	**$10.95 D**
252716	(50014-001)	Std. Lower Mounting Bracket	**$10.95 D**



252576

252578

Lenco Marine Switches

Double Rocker Trim Tab Switch Kit

Hole cut-out 2-1/4", overall size 2-3/4" x 2-3/4",12-volt, with 36" Power Pigtail and waterproof Plug & Play Deutsch Connectors.

252576	(10222-211)	122 Double Rocker	**$76.95 D**

Marine Switch for Air Boat Trim Tab Kit

Single rocker switch with Deutsch plug & two 30" non-terminated power leads for the Airboat Trim Tab Kit (252578), sold separately.

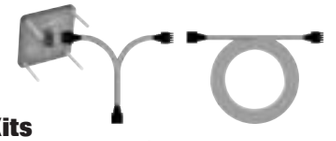
252578	(15095-001)		**$49.95 D**



Lenco Marine Replacement Actuators

Corrosion proof Vandar mounts. Stainless steel ram won't flex, even under extreme loads. Double Nitrile "O"-ring for maximum protection. Ballscrew spins freely on 12 ball bearings at both ends of its stroke so there's no need for complicated limit switches or clutches. Self-locking ballscrew locks into position and will not drift. Precision, machine-cut brass drive gears with steel inserts for long life. Tough, high-torque 5-amp motor easily moves 750 lbs. High-impact, 50% fiber filled ultraviolet resistant nylon case. Corrosion proof Vandar cap and mount, stands up to severe loads. Actuators all come with Deutsch connectors and mounting hardware. The entire Lenco Actuator is fully submersible, maintenance-free and sealed for life. 12 volt.

252584	(15054-001)	101 Standard	**$157.95 D**
252596	(15055-001)	101XD-5 with 5/16" Hardware	**$194.95 D**
252590	(15056-001)	101XD-7 with 3/8" Hardware	**$194.95 D**
252586	(15057-001	101XD5-4 "Short" with 5/16" Hardware	**$194.95 D**
252592	(15060-001	101XD-2 with 5/16" Hardware	**$217.95 D**



Lenco Marine Flybridge Kits

Flybridge Kits include: 20′ Harness, Y-connector, Keypad.

252635	(30041-102)	For Standard Tactile Switch	**$113.95 D**
252647	(30041-002)	For L.E.D. Indicator Tactile Switch	**$158.95 D**

Lenco Marine Repl. Power Pigtails for Control Box

252697	(30140-001)	36"	For 124SSR and 123SC	**$12.95 D**
252700	(10249-001)	72"	For 123DRSC	**$28.95 D**

Lenco Marine Replacement Blades - 12 Gauge

252722	(20141-001)	Standard Blade - 9" x 12"	**$107.95 D**
252724	(20149-001)	Standard Blade - 12" x 12"	**$121.95 D**
252726	(20160-001)	Edgemount Blade - 12" x 12"	**$131.95 D**

Bennett Electro-Hydraulic Trim Tabs without Controls

Note: Control Switch Not Included. See Below for Control Switch Selection.



Bennett Electro-Hydraulic Trim Tabs without Controls

Bennett trim tabs are two independent, stainless steel adjustable afterplanes attached to the bottom edge of the transom. The action is gentle, making it easy to adjust a boat's trim precisely and safely. Maximum efficiency is obtained by using the longest span tabs possible. Measure transom from centerline to chine or turn of the bilge allowing 3-4" leeway. Outdrive or outboard applications require minimum 8" clearance from lower unit to tabs. All our kits are supplied with transom mount hinges for convex, concave or lifting strake bottom designs as well as any other style. All kits are standard 12 volt with thru-transom actuators. 5 year limited warranty.

252915	12" x 9"	Recommend 15' to 19' Boat Length	**$605.00 F**
252927	18" x 9"	Recommend 19' to 24' Boat Length	**$657.00 F**
252939	24" x 9"	Recommend 22' to 27' Boat Length	**$684.00 F 2G**
252941	30" x 9"	Recommend 25' to 30' Boat Length	**$717.00 F**
252953	36" x 9"	Recommend 28' to 34' Boat Length	**$742.00 F 2G**
252965	42" x 9"	Recommend 32' to 38' Boat Length	**$784.00 F 2G**
252977	48" x 9"	Recommend 36' to 44' Boat Length	**$839.00 F 2G**

Bennett Trim Tab Accessories



Bennett Tab Position Indicator

Know the position of your trim tabs. The TPI accurately displays the position of your trim tabs with variable intensity LED readouts. Highly accurate and easy to install. Measures 2" x 3-1/4" x 3/8".

253019 (TPI 2000) **$260.00 F**



Bennett Auto Tab Control

The auto tab control monitors & maintains your boat's attitude, automatically correcting out-of-trim conditions. Maximize trim tab efficiency and increase your boating safety and enjoyment with the auto tab control. It is cruise control for your boat.

253044 (AC2000) **$389.00 F**



Bennett Waterproof Lock-Out Rocker

Replaces the older Bennett RS1000. The LS3000 is waterproof and features a lock-out feature so that the trim tabs can not be inadvertently run in opposite directions at the same time. 5 year warranty. Measures 2-3/4" x 2-3/4".

252863 (LS3000) **$78.00 E**



Bennett Euro-Style Rocker Switch Control

This Bennett control is waterproof, ergonomically designed and fits a single 2-1/2" hole. Comes with a 5 year warranty. Measures 2-3/4" x 2-3/4" and retro-fits with existing Bennett controls.

252864 (ES2000) **$88.00 E**

Bennett Hydraulic Power Unit

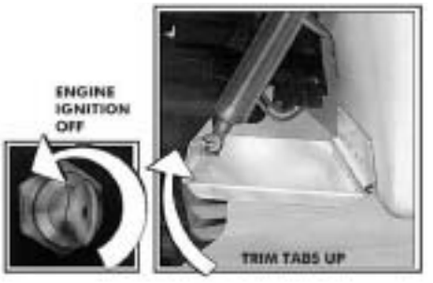


Bennett Hydraulic Power Unit

Employs two solenoids to direct the flow of fluid to the actuators. Fluid level is checked at a glance through the translucent reservoir. Dimensions: 4" x 7-1/2" x 5-1/2".

253029 (V351HPU) **$362.00 E**

Bennett Auto Tab Retractor



Bennett Auto Tab Retractor

The auto tab retractor automatically retracts the trim tabs when the boat's ignition is turned to the "Off" position. Helps prevent trim tab damage for trailered or dry stored boats. 12 volts.

252801 (AR512) **$77.00 F**

Bennett Trim Tab Accessories



253031



252899



Trim Tab

Bennett Trim Tab Accessories

252899 (A1101A)	Actuator Assembly	**$94.00 F**
252902 (A1101EX)	External Actuator	**$94.00 F**
252988 (T1125)	Hydraulic Tubing	**$1.85/ft. E**
252991 (T1127)	Nut with Ferrule	**$2.00 E**
253031 (WH1000)	Wire Harness	**$34.50 E**
253055 (VP1135-R)	Solenoid Valve (Red)	**$54.00 E**
253067 (VP1135-G)	Solenoid Valve (Green)	**$54.00 E**
253194 (TPO12X9)	12" x 9" Trim Plane Only	**$83.00 E**
253207 (TPO18X9)	18" x 9" Trim Plane Only	**$89.00 E**
253219 (TPO24X9)	24" x 9" Trim Plane Only	**$99.00 E**
253221 (TPO30X9)	30" x 9" Trim Plane Only	**$113.00 E**
253233 (TPO36X9)	36" x 9" Trim Plane Only	**$126.00 E**
253245 (TPO42X9)	42" x 9" Trim Plane Only	**$139.00 E**
253246 (A1113)	Lower Hinge	**$7.00 E**
253269 (MP12)	12" Hinge Only	**$41.00 E**
253271 (MP18)	18" Hinge Only	**$49.00 E**
253275 (A1115)	Lower Hinge Pin	**$1.50 E**
253295 (MP30)	30" Hinge Only	**$61.00 E**

Sting Ray Hydrofoil Stabilizer



Sting Ray Hydrofoil Stabilizer
Advanced hi-tech design developed on computerized aerospace engineering. Plane in 1/2 the time, pull skiers up faster and safer. Smoother boat stability. Improves control and ride and brings out the hidden peak performance of your boat. Can save 10 - 40% on fuel and add 10 - 20% on top end speed. All you need to do is drill four 1/4" holes in the cavitation plate on your drive unit and bolt the Sting Ray™ on. The stainless steel fasteners are provided. The added edge for MAXIMUM boat performance. Forces stern up, keeps bow down. Eliminates cavitation. Eliminates porposing. Voids using trim tabs. Saves on fuel costs. Black.

408219 (SR-1) **$52.95 F**

Prop Guard®

NEW ITEM



Prop Guard®
The Prop Guard is a two piece plastic injection molded cage that will completely cover the propeller. It is attached by a specially designed clamp system and bolts. The Prop Guard's two halves are attached like a clam shell to the cavitation plate and the skeg of any outboard or stern drive motor.

604501 11" Prop Guard	Fits 25 to 35 HP	Orange	**$269.95 A**
604503 13" Prop Guard	Fits 40 to 65 HP	Blue	**$259.00 A**

T-H Marine Hydro-Tail™



T-H Marine Hydro-Tail™
Total performance stabilizer. Fits all outboards and sterndrives boats. Provides a one-piece unit that will fit outboard or I/O lower units. The unique design means simple installation and superior strength to provide boats with the ultimate in total performance. Instructions and mounting hardware are included. Black. Sold each per skin packed card. Standard pack 12.

641246 (HYD-1) **$27.95 H**

T-H Marine Nose Cone



T-H Marine Nose Cone
This cast aluminum cone is made to fit the front gearcase housing. This lengthens the transition from the gearcase nose to its trailing edge, thus reducing the chance of vacuum pocket in the side of the gearcase. Cone can be attached to the lower unit housing with epoxy, bondo or similar adhesive. One cone fits all lower units.

641324 (NC-1) **$37.95 H**

T-H Marine Torque Tab



T-H Marine Torque Tab
A simple solution to eliminate right hand steering torque caused by directional rotation of propeller. The Torque Tab is inexpensive, simple to install and does not reduce speed. Cast aluminum construction comes with installation hardware and instructions. Sold each per skin packed card. Standard pack 12.

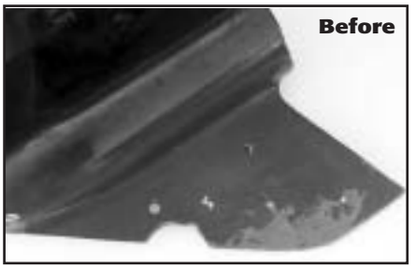
641353 (TAB-1) **$19.95 H**

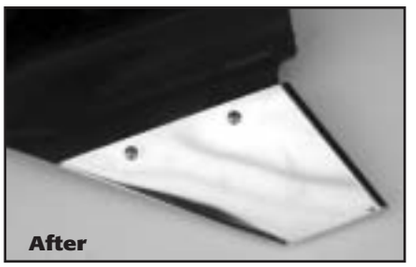
SkegShield

SkegShield

Protect your outboard or stern drive from damage with SkegShield skeg protector. Polished marine grade stainless steel. Reinforced lower edge for protection that makes SkegShield twice as strong as your OEM skeg and an EXCLUSIVE drain hole to prevent water retention & corrosion. NO Welding—NO Messy glue, adhesive or epoxy NO curing or down time. You'll be back in the water in under 30 minutes and we don't affect performance. 3 Year Warranty.







Yamaha: 115-130 HP 2 Sroke 84-02, 150 HP 2 & 4 Stroke 84-08, 150 HP 4 Stroke 04-06, 175-250 HP 2 Stroke 84-02, 220 HP 2 Stroke 84-85 and All Stern Drives, Suzuki: 250SS & 300 HP 4 Stroke 06-08.

990015 (SS00512) **$138.95 F**

Force 70 HP & Honda 35-50 HP, Mercury/Mariner 40-60 HP 1993 & Later, Yamaha 40-50 HP, CV85 1984 & Later

990017 (99017) **$212.78 H**

MerCruiser I and Alpha I Drives 1973-84.

990019 (99001) **$201.58 H**

MerCruiser: Alpha I 85-90.

990021 (SS00501) **$138.95 F**

Mercury/Mariner: 135-200 2 & 4 Stroke 78-04, 150 HP 2 Stroke Optimax 99-05, 150 HP 2 Stroke Salt 02-05, 200 HP 2 Stroke Salt 02-06 and 225 HP 2 Stroke 78-95.

990022 (SS00504) **$138.95 F**

MerCruiser: Alpha I Gen II 91-08.

990033 (SS00502) **$138.95 F**

MerCruiser: Bravo 1 & 3 90-08.

990057 (SS00503) **$138.95 F**

Yamaha: 60-100 HP 2 Stroke 98-01. Mercury/Mariner: 40-60 HP 2 & 4 Stroke (Big Foot) 03-08, 70-80 HP 2 Stroke 84-08, 90-125 HP 2 & 4 Stroke 83-08, 115 HP EFI 4 Stroke Salt 04-06, 125 HP Salt 2 Stroke 94-06. Tohatsu: 70-140 HP 2 Stroke 93-08. Nissan: 70-140 HP 2 Stroke 81-08. Honda: 75-90 HP 4 Stroke 95-02, 115 HP 4 Stroke 98-02. Force: 70 & 90 HP 2 Stroke 98-02.

990060 (SS00504) **$138.95 F**

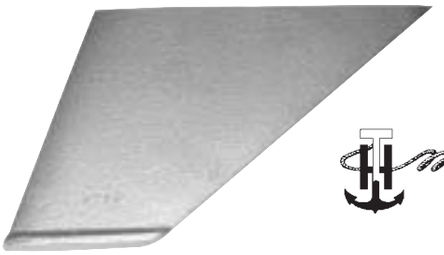
Mercury/Mariner: 135-200 2 & 4 Stroke 78-04, 150 HP 2 Stroke Optimax 99-05, 150 HP 2 Stroke Salt 02-05, 200 HP 2 Stroke Salt 02-06 and 225 HP 2 Stroke 78-95.

990069 (SS00505) **$138.95 F**

Evinrude: 150-225 HP 2 Stroke 86-03, 150 DBX & DPL 2 Stroke Blue 04-09, 175-200 DPL 2 Stroke Blue 04-09, 225-250 DCX, DCZ, DPX 2 Stroke White 04-09. OMC: Cobra 6 & 8 Cylinder Stern 86-94. Johnson: 150-225 HP 2 Stroke 86-03.

990083 (SS00508) **$138.95 F**

T-H Marine Replacement Skegs



T-H Marine

T-H Maine Replacement Skegs

A cast aluminum direct replacement skeg for outboard and I/O lower units. Welds to existing lower unit to bring back original performance and appearance. Sold each per skin packed.

642428 (RS-1) OMC - V6 **$24.95 H**

642431 (RS-2) OMC - V4 **$24.95 H**

642404 (RS-4) Mercury - V6 and Stern Drives **$24.95 H**

Fulton Outboard Motor Lock

FULTON Performance Products



Fulton Outboard Motor Lock

Fits most outboard motors secured to transom by clamp screws (except certain Chrysler Models). Long lasting, black powder-coat finish provides years of protection against rust and corrosion. Heavy gauge steel body for maximum strength. Foam filler insert reduces noise and vibration. Sold each per skin packed card. Standard pack 6.

357562 (OML-0127) **$37.95 H**

MOTOR ACCESSORIES

Motor Flushers

	Year	Horsepower	963 PMF	959 VOL
Evinrude & Johnson	1951 to 83	30	963PMF	–
	1969 to 81	85; 125; 135	963PMF	–
	1969-Date	100; 115	963PMF	–
	1974-Date	9.9; 15	963PMF	–
	1976 to 83	175; 200	963PMF	–
	1976-Date	35; 55; 140; 235	963PMF	–
	1984-Date	2.6XP; 3.6XP; 30; 65; 100; XP150; 155; 185	963PMF	–
	1985-Date	All V8; V6; V4 Models	963PMF	–
	1985-Date	All V8; V6; V4 Models	963PMF	–
Chrysler	1981 to 83	55 HP (One Piece Gear Housing)	963PMF	–
	All	65 HP (One Piece Gear Housing)	963PMF	–
	All	Sailor Models	963PMF	–
Force	1983-Date	85; 125	963PMF	–
	1983-Date	70; 90; 120; 150	963PMF	–
Tohatsu	1982-Date	12; 15; 18; 30; 40; 55; 70	963PMF	–
	1982-Date	90; 120; 140	963PMF	–
Yamaha	To Date	8; 25 thru V6	963PMF	–
Mercury	1981 to 85	18; 25; 40; 50; 70; 80; 90; 115; 150	963PMF	–
	1981 to 85	150; 175; 200; 225; 300	963PMF	–
MerCruiser	To Date	120 to 370	963PMF	–
	To Date	200; 300	–	959VOL
Mariner	1981-Date	4; 5; 20; 25; 30; 40; 50; 70; 80; 100	963PMF	–
	1981-Date	115; 150; 175; 200	963PMF	–
	To Date	60; 90	–	959VOL
OMC	1973-Date	All Stern Drives with Side Water Inlets	963PMF	–
	1988	1.6; 2.0; 3.0	963PMF	–
Volvo/SX	1969-Date	200; 250; 270; 280; 290	963PMF	959VOL
	Volvo SX Drive	All	963PMF	–

TEMPO Marine



810108



810049

Tempo Motor Flushers flush away sand, silt, salt and alkali, which prevent clogging and corrosion and extend engine life. All units install in seconds without tools. Rectangular cups help prevent fall-off and slippage during flushing operation. Works great in low water pressure conditions, which are prevalent around marinas. **810108** (963 PMF) offer dual water feed & are recommended for engine horsepower exceeding 75 HP.

810049 (959 VOL) Volvo **$13.95 H**
810108 (963 PMF) Dual Water Feed **$23.95 H**





Marpac Universal Motor Flusher

Fits most engines with side water inlets Installs easily. No tools needed. Flush away sand, silt, salt, & alkali to prevent clogging and corrosion to extend your engine life.

7-0574 **$4.95 F 3Q**
7-0574S Display Box of 24 Motor Flushers **$104.95 H**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Motor Flusher

Universal round cup motor flusher. Flush contaminates from your lower unit cooling systems. Each quickly removes salt and mineral build-up with a simple flush on all lower units with side water inlets. Install in seconds using just a garden hose.

7-0576 **$4.39 F**

T-H Marine



T-H Marine Quick Flush O/B Engine Flush Kits

Snaps on quickly. Slide valve stays on engine. Fits all O/B's with flushing port. Kit Contains slide valve. Quick connect. Rubber washer.

641274 (QF-1K-DP) OMC Kit **$19.95 H**
641262 (QF-2K-DP) Mercury/Yamaha Kit **$19.95 H**

PERKO®



Perko Flushpro Engine Flushing Systems

Flush your boat engine safely and easily. Durable check valve system activated by water pressure from a garden hose. Check valve automatically shuts off hull intake when water pressure is applied. Adapter supplied with FlushPro makes winterizing your boat easy. Can be used with onboard generators.

539467 (456 DP6) 1" **$120.95 H**
539481 (456 DP7) 1-1/4" **$120.95 H**

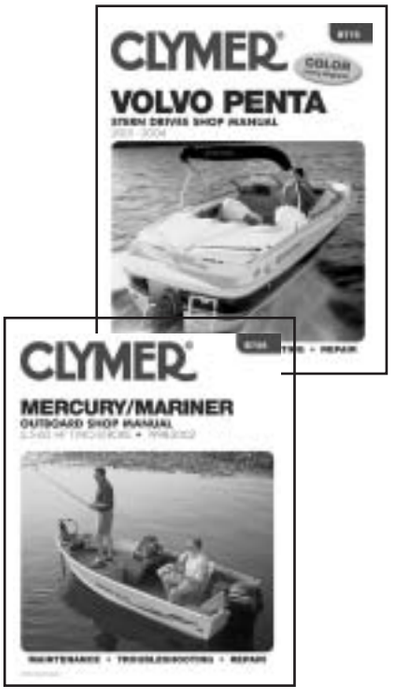
MOTOR ACCESSORIES

DONOVAN 2009

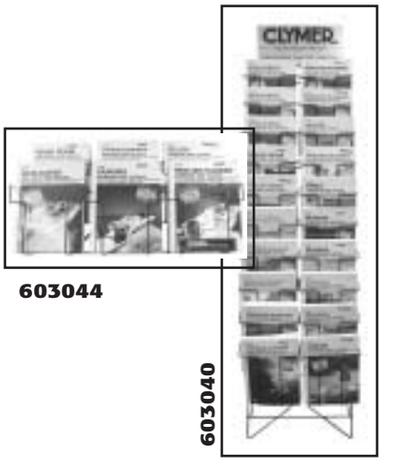
Clymer Motor Repair Manuals

Chrysler				
180075	B750	3.5-140 HP Outboards	1966-84	**$36.95 H 6K**
Evinrude/Johnson				
180067	B734	1.5-125 HP Outboards	1956-72	**$31.95 H 6K**
180068	B732	2-40 HP Outboards	1973-90 (Includes Electrics)	**$31.95 H 6K**
180070	B736	48-235 HP Outboards	1973-90 (Includes Sea Drives)	**$31.95 H 6K**
180088	B733	2-300 HP Outboards	1991-94 (Includes Jet Drives & Sea Drives)	**$31.95 H 6K**
180083	B735	2-70 HP Outboards	1995-98 (Includes Jet Drives)	**$31.95 H 6K**
180082	B737	88-300 HP Outboards	1995-98 (2-Stroke – Includes Jet Drives)	**$31.95 H 6K**
Force				
180076	B751-4	4-150 HP Outboards	1984-99 (Includes L-Drives)	**$31.95 H 6K**
Honda				
180097	B757	2-130 HP Outboards	1976-99 (4-Stroke - Includes Jet Drives)	**$31.95 H 6K**
Mariner				
180077	B714	2-220 HP Outboards	1976-89 (Includes Electrics)	**$31.95 H 6K**
MerCruiser				
180062	B740	Stern Drives, 1964-85 (Includes 1986-87 TR and TRS Models)		**$31.95 H 6K**
180093	B742	Alpha One, Bravo One, Bravo Two & Bravo Three Stern Drives, 1986-94		**$31.95 H 6K**
180095	B744	Alpha One, Bravo One, Bravo Two & Bravo Three Stern Drives, 1995-97		**$31.95 H 6K**
603009	B745-2	MerCruiser Stern Drives	1998-04	**$31.95 H 6K**
Mercury				
180091	B710	4-90 HP Outboards	1995-00 (4-Stroke)	**$31.95 H 6K**
180065	B721	3.5-40 HP Outboards	1972-89 (Includes Electrics)	**$31.95 H 6K**
180086	B723	2.5-60 HP Outboards	1994-97 (Includes Jet Drives)	**$31.95 H 6K**
180087	B724	75-275 HP Outboards	1994-97 (2-Stroke – Includes Jet Drives)	**$31.95 H 6K**
180066	B726	45-225 HP Outboards	1972-89	**$31.95 H 6K**
180085	B722	3-275 HP Outboards	1990-93	**$31.95 H 6K**
180055	B727	75-250 HP Outboards	1998-02	**$31.95 H 6K**
603081	B712	75-225 HP Outboards	2001-03 (4-Stroke)	**$31.95 H 6K**
OMC				
180061	B730	Stern Drives	1964-86	**$31.95 H 6K**
180072	B738	Cobra Stern Drives, 1986-93 (Includes 1988 & 1989 King Cobra Models)		**$31.95 H 6K**
Suzuki				
180050	B780	2-140 HP Outboards	1977-84	**$31.95 H 6K**
180051	B781	2-225 HP Outboards	1985-91 (Includes Jet Drives)	**$31.95 H 6K**
180052	B778	2-65 HP Outboards	1992-99 (2-Stroke – Includes Jet Drives)	**$31.95 H 6K**
180053	B779	75-225 HP Outboards	1992-99 (2-Stroke – Includes Jet Drives)	**$31.95 H 6K**
180060	B782	9.9-70 HP Outboards	1997-00 (4-Stroke)	**$31.95 H 6K**
Volvo				
180084	B770	Stern Drives	1968-93	**$31.95 H 6K**
180089	B771-2	Penta Stern Drives	1994-00	**$31.95 H 6K**
603012	B775	Penta Stern Drives	2001-2004	**$31.95 H 6K**
Yamaha				
180071	B783	2-225 HP Outboards	1984-89 (2-Stroke)	**$31.95 H 6K**
180073	B784	2-250 HP Outboards	1990-95 (2-Stroke)	**$31.95 H 6K**
180074	B785	2-250 HP Outboards	1996-98 (2-Stroke - Includes Jet Drives)	**$31.95 H 6K**
180092	B786	2-90 HP Outboards	1999-02 (2-Stroke)	**$31.95 H 6K**
180080	B787	Stern Drives	1989-91	**$31.95 H 6K**
180079	B788	9.9-100 HP Outboards	1987-00 (4-Stroke)	**$31.95 H 6K**
180094	B789	115-250 HP Outboards	1999-02 (2-Stroke)	**$31.95 H 6K**
603077	B791	75-225 HP Outboards	2000-04 (4-Stroke)	**$31.95 H 6K**

CLYMER™



Step-by-step instructions for every job. Every conceivable part, assembly and system is covered in detail and illustrated by hundreds of photos, drawings and tables prepared specifically for each title. Also features a 32-page full color section covering lubricants, corrosion prevention, propeller design, tools, test equipment, shop safety and mechanic's tips. All manuals are 8-1/2" x 11" in size.



Clymer also offers display racks for in-store promotion. Perfect for counters and pegboards. Holds 6 titles.

603040 (CM-20) Easel **$23.95 H 6K**
603042 (CM-20) Spinner **$0.00**
603044 (CM-6) Rack **$0.00**

An Evolution of Power with Four Engine Configurations

Engine Configurations
See Descriptions Below

MARINEPOWER®
The Force Behind The Fun.™
www.marinepowerusa.com

Sportpac™
Complete inboard replacement engine. Marine propulsion for your weekend crusier or Wake and Ski boats.
- Complete inboard replacement.
- Configured for use with ZF and Velvet Drive marine transmissions.
- Non-corrosive high gloss paint.
- Fresh water cooled.
- Available engine sizes: 5.7 liter, 6.0 liter and 8.1 liter.
- Fuel Injected

Universal
Exclusively from Marine Power - Drop-in replacement engines for most I/O and inboard configurations.
- Complete service base engine; plus, alternator, starter, ignition system with wiring harness, 50 amp circuit breaker, single sender package, thermostat housing, flame arrestor, fuel water separator and fuel systems.
- Add only manifold, coupler and power steering for your application.
- Non-corrosive high gloss paint.
- Available engine sizes: 3.0 liter, 4.3 liter and 5.7 liter.

Parpac™
Ideal for replacing older pre-Vortec engines.
- Includes complete service base engine; plus, carburetor, fuel line, electric fuel pump, aluminum intake manifold, electronic distributor, high performance coil and ignition wire set.
- Saves rebuild and setup time.

Base
Complete long block engines from oil pan through valve covers.
- Base engines include long block.
- 3.0 liter, 4.3 liter, 5.0 liter and 5.7 liter include circulating water pump and bottom mount flywheel.
- 7.4 liter and 8.2 liter does not include circulating water, intake or flywheel.
- Available engine sizes: 3.0 liter, 4.3 liter, 5.7 liter, 7.4 liter and 8.2 liter.

***Engine Configurations Subject to Change without Notice.**



Sportpac
8.1 Liter • MP3595
$13,400.00 C



Sportpac
6.0 Liter • MP3590
$11,625.00 C

MP3580	**Sportpac - 5.7 Liter - Std. Rotation**	**$8,735.00 C**
MP3585	**Sportpac - 5.7 Liter - R.H. Rotation**	**$9,655.00 C**

3.0 Liter Engine Replacement Configurations



MP1303



MP3300

3.0 Liter Engines

Base
Configure with 14" flywheel, front sump oil pan. **Note:** When replacing pre 1992 engines additional parts maybe required.

MP1303 **$1,949.00 C**

Universal
Configure with cast iron exhaust manifold and riser.

MP3300 **$3,749.00 C**

4.3 & 5.7 Liter Engine Replacement Configurations


MP1404


MP2430

4.3 Liter Engines

Base

Configure with intake manifold for two barrel spread bore carburetor.

MP1404 **$2,699.00 C**

Parpac

Configure with 2 barrel intake maniford and carburetor.

MP2420 **$3,360.00 C**

Universal

Configure with 2 barrel carburetor.

MP3430 **$4,699.00 C**


MP1808


MP3570

5.7 Liter Engines/5.0 Liter Engines

Base

MP1802	5.0 Liter Engine	**$2,799.00 C**
MP1814	Pre-Vortect Base Engine	**$2,499.00 C**
MP1808	Base Engine	**$3,099.00 C**
MP1810	Reverse Rotation Base Engine	**$3,749.00 C**

Parpac

MP2886 **$4,200.00 C**

Universal

MP3570 Includes: Carbureted **$5,369.00 C**

Universal Premium

Configure with standard universal equipment plus Multi-port EFI. **Note:** Fuel system requires a return line.

MP3572 **$6,279.00 C**

Universal Premium with Freshwater Cooling

MP3574 **$6,819.00 C**

7.4 & 8.2 Liter Engine Replacement Configurations


MP1822


MP1947

Base

7.4 Liter (454 cubic inch).

Includes: Gen VI engine with roller hydraulic cam shaft, one piece rear seal and four bolt mains. Replaces Mark IV, Gen V and Gen VI big block V-8's. Does not include circulating water pump, intake or flywheel.

MP1822	(350 HP)	**$5,599.00 C**
MP1818	(425 HP)	**$6,310.00 C**

8.2 Liter (502 cubic inch).

Includes: Gen VI engine with roller hydraulic camshaft, one piece rear seal and 4 bolt mains. Replaces Mark IV, Gen V and Gen VI big block V-8's. Does not include circulating water pump, intake or flywheel.

MP1947 (450 HP) **$7,199.00 C**

Marine Power Transmissions

M81010	VD 71 1:1	**$1,480.00 C**
M82012	VD 72 1:1	**$1,300.00 C**
M82151	VD 72 1.5:1	**$1,930.00 C**
M82199	VD 72 1.91:1	**$2,545.00 C**
M82290	VD 72 2.91:1	**$2,362.00 C**
M94017	ZF 45 1:1	**$1,050.00 C**
M94029	ZF 45 2.0:1	**$1,720.00 C**
M96023	ZF 63A 2.0:1	**$1,915.00 C**

Marine Power Engine Parts

895500	Electric Fuel Pump Kit	**$216.95 F**
895580	3.0 - 12-3/4" Flywheel	**$378.95 F**
895600	5.7 - 12-3/4" Flywheel	**$476.95 F**
899030	3' Harness Adaptor	**$27.95 F**
899040	3.0 Exhaust Flange Adaptor	**$220.95 F**
899050	Power Steering Kit 4.3	**$657.95 F**
899060	Power Steering Kit 5.7 Merc	**$657.95 F**
899070	Power Steering Kit 5.7 Volvo FWC	**$657.95 F**

MP Parts Exhaust Manifolds



MP Parts Exhaust Manifold
Mercury style exhaust manifold for Small Block V8 Chevy. AP #5500. Sierra #18-1953. MerCruiser #860246A9. Marine Power #0994-100. OEM #87114A19.

955003 (5500-2) **$135.95 E**
954001 Hardware Kit **$14.95 G**



MP Parts Exhaust Manifold
Mercury style exhaust manifold for V6 Chevy. AP #5505. Sierra #18-1952-1. MerCruiser #99746A8. Marine Power #0996-000. OEM #99746A8.

955053 (5505) **$159.95 E**



MP Parts Exhaust Manifold
Mercury style exhaust manifold for Big Block V8 Chevy. AP #5506. Sierra #18-1957. MerCruiser #807078A4. Marine Power #0991-100. OEM #89011A8.

955065 (5506) **$164.95 E**



MP Parts Exhaust Manifold
Barr centerise style exhaust manifold for Small Block V8 Chevy. Sierra #18-1997-1. Marine Power #0994-000. OEM #CHV-1-83.

955178 (5517) **$166.95 E**

MP Parts Exhaust Elbows and Riser



MP Parts Exhaust Elbow
Barr style 3" exhaust elbow. Sierra #18-1999. Marine Power #0992-000. OEM #200-0082. For Big Block.

957057 (5705) **$89.95 E**



MP Parts Exhaust Elbow
Mercury centerise style 4" exhaust elbow for V6 - V8. Sierra #18-1976-1. AP #5706. Marine Power #0992-400. OEM #44354A3.

957069 (5706) **$92.95 E**
956067 Hardware Kit **$13.95 G**



Volvo Exhaust Riser
Replaces: 855384-4, 856891-7.

957108 (5710) 18-1935-1 **$82.95 E**

MP Parts Manifold and Elbow Pallet Program



DMI #	Description	Price
999001	6 each - 955003 V-8 Small Block Manifolds	$862.95 E
999002	12 each - 955003 V-8 Small Block Manifolds	$1,725.95 E
999003	6 each - 957069 V-8 Small Block Elbows	$597.95 E
999004	12 each - 957069 V-8 Small Block Elbows	$1,195.95 E
999005	4 each - 955003 Manifolds and 4 each - 957069 Elbows	$974.95 E
999006	8 each - 955003 Manifolds and 8 each - 957069 Elbows	$1,948.95 E

MP Parts Exhaust Manifold and Elbow Kit

Aluminum



MP Parts Exhaust Manifold and Elbow Kit
Aluminum centerise exhaust manifold and elbow kit for 5.0L (305 C.I.D.) and 5.7L (350 C.I.D.) Chevy engines (MerCruiser Style). Manifold and elbow sold together. Kit includes all necessary plugs, gaskets and anode. Boxed for easy storage. Made of lightweight, thermally efficient marine grade aluminum.

M30127 (600557) **$455.55 C**

Donovan Marine Sells Marine Power Parts

Ask Your Salesman About Our Complete Line of MP Parts

Sierra Exhaust Manifold Conversion Kit

Sierra Exhaust Manifold Conversion Kit

This Manifold Kit is designed to convert all Mercruiser Stern Drive Engines with GM 305 & 350 CID Blocks that have Log Style Exhaust Manifolds and Raw Water Cooling to the Newer More Efficient Center Rise Manifolds. Not for use on engines with high mounted power steering pumps.

Kit includes:

(2) Center Rise Manifold
(2) Exhaust Elbows
(1) Thermostat Housing
(1) Thermostat Cover
(1) Thermostat

All hoses, hardware, gaskets plus complete instructions to do the job right.



954998 (5499) **$1,329.87 H**

Sierra Manifolds and Elbows - Mercruiser



Sierra Exhaust Manifold

Replaces: Barr CHV-1-83. Universal center riser manifold. Fits: FM 283, 305, 307 and 350 CID engines. Use 18-0604/AP #1808 exhaust manifold gasket set.

181997 (18-1997-1) **$228.09 H**



Sierra Exhaust Manifold Riser

Replaces: Barr 200-0082. For use with 18-1997 or 18-1998. Comes with 18-4364/AP #13312 mounting package - Replaces: Barr 20-0082-P. Use 18-2854/AP #5517 Riser Gasket.

181999 (18-1999) **$125.89 H**



Sierra Manifold

Replaces: 87114A19. Supplied with mounting package. Will fit either side - Fits most Mercruiser (GM) small blocks with center riser.

181953 (18-1953-1) **$203.84 H**



Sierra Manifold

Replaces: 89011A8. Will fit either side. Fits most Mercruiser (GM) V-8 big blocks with center riser.

181957 (18-1957-1) **$270.20 H**



Sierra Manifold

Replaces: 99746A8. Fits most 4.3L (262 CID) V-6 application.

181952 (18-1952-1) **$234.41 H**



Sierra Manifold

Replaces: 58759A10. Fits most Mercruiser (GM) Inline 6 cylinder engines.

181960 (18-1960-1) **$669.73 H**

Sierra Manifolds and Elbows - Mercruiser



Sierra Manifold
Replaces: 77234A2. Supplied with mounting package. Port side. Fits most Mercruiser (GM) small blocks with end riser.

181950 (18-1950-1) **$386.58 H**



Sierra Manifold
Replaces: 77235A2. Supplied with mounting package. Starboard side. Fits most Mercruiser (GM) small blocks with end riser.

181951 (18-1951-1) **$367.26 H**



Sierra Manifold
Replaces: 95862A5. Supplied with mounting package. Fits most late Model 2.5L 153 CID and 3.0L 181 CID with Rochester Carb 6 bolt pattern.

181954 (18-1954-1) **$420.82 H**



Sierra Manifold - New Style
Replaces: 96705A1. Supplied with mounting package. Fits most early Model 3.0L 181 CID with Rochester Carb 5 bolt pattern.

181955 (18-1955-1) **$393.83 H**



Sierra Manifold
Replaces: 99798A18. Supplied with mounting package. Fits most late Model 2.5L 153 CID and 3.0L 181 CID with MerCarb 5 bolt pattern.

181956 (18-1956-1) **$311.61 H**

Sierra Elbows and Risers



Sierra Elbow
Replaces: 98504A3. Fits V-6 and V-8 applications 15° (3" OD Riser).

181970 (18-1970-1) **$142.67 H**



Sierra Elbow
Replaces: 55538A2. Fits most early Model 120 HP Mercruiser applications.

181973 (18-1973) **$206.10 H**



Sierra Elbow
Replaces: 76325A2. Fits most late Model 120, 140 HP Mercruiser applications.

181972 (18-1972) **$173.97 H**



Sierra Elbow
Replaces: 76351A2. Fits most early model Mercruiser 140 HP (4 cyl.) applications. Use mounting package 18-4362/AP #13310. Replaces: Barr MC20-60426P.

181971 (18-1971) **$138.20 H**



Sierra Riser Spacer
Fits V-6 and V-8 applications.

181908 (18-1908) **$264.97 H**



Sierra Riser
Replaces: 98502A2. Fits V-6 and V-8 applications, 0° (3" OD Riser).

181974 (18-1974-1) **$273.60 H**



Sierra Riser
Replaces: 12076A2. Fits late Model Mercruiser 4 cylinder engines.

181975 (18-1975) **$221.08 H**



Sierra Riser
Replaces: 44354A3. Fits most Mercruiser V-6 and V-8 applications 7° (4" OD Riser).

181976 (18-1976-1) **$147.74 H**

Sierra Manifolds and Elbows - OMC Sterndrive



Sierra Manifold
Replaces: 912441. V-8 Starboard side. Fits most GM V-8 small blocks with end riser.

181902 (18-1902) **$223.91 H**



Sierra Manifold
Replaces: 912442. V-8 Port side. Fits most GM V-8 small blocks with end riser.

181903 (18-1903) **$223.91 H**



Sierra Manifold
Replaces: 3857723. For: GM Small Block V8 305-350 ci.

181986 (18-1986) **$231.92 H**



Sierra Elbow
Replaces: 987784. 4 cylinder. Fits most 140 HP 3.0L (181 CID).

181922 (18-1922) **$183.51 H**



Sierra Riser
OMC riser, 4" outlet 7°. Fits many GM and Ford center rise manifolds. Replaces: OMC 913784, 3855270, 3850456, 3857944 & Volvo 3855270-9, 3857944-7.

181909 (18-1909) **$214.50 H**



Sierra Elbow
Replaces: 909863. V-8. Fits most GM V-8 small blocks.

181921 (18-1921) **$169.46 H**

Sierra Manifold and Riser - Volvo Penta



Sierra Manifold
Replaces: 835804-6, 856883-4. Fits: Volvo AQ200D, 200F, 225D, 225E, 255B, 260A, 271A, 280A, 290A, 311A, AQ500, 570, BB225, 225AV, 225B, 260A, 260AV, 260B, 260C. Use 18-2899 exhaust manifold gasket.

181931 (18-1931-1) **$219.96 H**



Sierra Exhaust Riser
Replaces: 855384-4, 856891-7. For use with 18-1931-1. Use 18-2971/AP #1196 exhaust riser gasket.

181935 (18-1935-1) **$126.59 H**

Sierra Manifold and Elbows - Chrysler Inboard



Sierra 90° Exhaust Elbow Adapter
For use with 3" ID exhaust hose. Use 18-1999/AP #5705 manifold riser.

181992 (18-1992-1) **$57.05 H**



Sierra Manifold
Replaces: 4142322, 3675826. Fits: Chrysler Model 273, 318, 340 and 360 CID engines (1973-1986). Use 18-2941 end cap gasket.

181940 (18-1940) **$321.27 H**



Sierra Elbow - 20°
Replaces: 3527794. Fits Chrysler model 273, 318, 340 and 360 CID engines (1966-1986). Will work in conjunction with 18-1945/AP #5723. Use 18-4360 mounting kit.

181946 (18-1946) **$172.92 H**

MP Parts (Listed in Sierra Number Sequence)

DMI #	Marine Power #	Sierra #	OEM	Description	Price
426204	47-07239	-	-	Impeller Neoprene (920-0001)	**$15.95 G**
	46-03909	-	Mercury/Mariner	Water Pump Kit Without Housing	
	27-00740	18-0418	MerCruiser	B/B Chevy Exhaust Manifold Gasket	
	27-00524	18-0897	MerCruiser	Merc Centerise V6, S/B V8 & B/B V8 Elbow Gasket	
927624	31-02762	18-1117	Mercury/Mariner	Pinion Bearing for Mar/Merc V6	**$26.99 G**
	-	18-1388	OMC	Powerhead Bearing Kit	
956106	5610	18-1935	-	Hardware Kit	**$6.95 G**
954087	5508/9	18-1950/51	-	Hardware Kit	**$14.95 G**
955053	5505	18-1952-1	MerCruiser	Manifold	**$159.95 E**
955003	5500	18-1953	MerCruiser	Manifold	**$135.95 E**
955065	5506	18-1957	MerCruiser	Manifold	**$164.95 E**
957069	5706	18-1976-1	MerCruiser	Riser	**$92.95 E**
955178	5517	18-1997-1	MerCruiser	Manifold	**$166.95 E**
	21900	18-2100	MerCruiser	Gimbal Bearing	
	32-00700	18-2116	MerCruiser	Hose Trim Cylinder to Connector	
885903	21070	18-2165	Mercury/Mariner	Control Box Cam	**$31.83 G**
	45-01803	18-2167	MerCruiser	Drive Shaft	
885864	21420	18-2169	MerCruiser	Shift Arm	**$37.64 G**
	93-01446	18-2171	MerCruiser	Engine Coupler	
916556	43-01655	18-2176	OMC	Ball Gear (Intermediate Housing)	**$101.99 G**
	45-01863	18-2183	OMC	Upper Driveshaft for OMC 400/800 Series	
	45-01864	18-2185	OMC	Water Pump Driveshaft for OMC 400/800 Series	
	45-01996	18-2186	OMC	Lower Driveshaft for OMC 800 Series	
938007	28310	18-2125	MerCruiser	Yoke Assembly	**$67.34 G**
927321	43-02732	18-2209	Evinrude/Johnson	Sliding Clutch	**$67.99 G**
938057	22631	18-2218	Evinrude/Johnson	FW GR ST	**$195.94 G**
881828	22632	18-2219	Evinrude/Johnson	V4 Reverse Gear	**$98.46 G**
	27-00609	18-2516	MerCruiser	Bravo Outdrive Seal	
	61-08397	18-2601	MerCruiser	Transom Seal Kit	
	27-00300	18-2614	MerCruiser	Outdrive Gasket Set	
	27-00295	18-2618	MerCruiser	Outdrive Gasket Set	
	26-00834	18-2646-1	Mercury/Mariner	Gear Housing Seal Kit	
938095	26-03809	18-2648	MerCruiser	Merc I/Alpha I Upper Gearcase Seal Kit	**$18.99 G**
	26-1287	18-2652	MerCruiser	Merc I/Alpha I Lower Gearcase Seal Kit	
901466	26-00146	18-2653	Mercury/Mariner	Gear Housing Seal Kit	**$40.99 G**
	26-00288	18-2655	Mercury/Mariner	Gear Housing Seal Kit	
	26-00082	18-2659	Evinrude/Johnson	E/J 40 - 60 HP 2 Cyl. Lower Gearcase Seal Kit	
	26-00076	18-2660	Evinrude/Johnson	Gear Housing Seal Kit	
	61-00589	18-2744	Volvo Penta	U-Joint Bellows for VP AQ200, AQ270, AQ270T, AQ280, AQ280T, AQ290	
	61-01525	18-2746	MerCruiser	Exhaust Boot	
	61-02691	18-2747	MerCruiser	U-Joint Bellows	
	61-01520	18-2748	MerCruiser	Exhaust Boot	
	61-00500	18-2750	MerCruiser	Exhaust Bellows for Merc I/R/MR/Gen II/TRS & Bravo I/II/II	
	61-00511	18-2751	MerCruiser	U-Joint Bellows w/Ridge for Merc I/R/MR Drives	
	61-02185	18-2752	MerCruiser	U-Joint Bellows	
	61-00504	18-2753	MerCruiser	Shift Cable Bellows	
	61-02690	18-2756	MerCruiser	U-Joint Bellows for Merc Bravo I/II/III	
	61-01851	18-2757	Volvo Penta	Exh. Bellows w/Flapper f/VP AQ175, AQ280T,PT; AQD40, AQD40, AQAD40, V8	

MP Parts (Listed in Sierra Number Sequence)

DMI #	Marine Power #	Sierra #	OEM	Description	Price
	61-01850	18-2758	Volvo Penta	Exhaust Bellows for VP AQ200, AQ270, AQ275, AQ280, AQ290, DP290	
	61-00503	18-2762	MerCruiser	Exhaust Bellows for Merc 120-330 HP	
	61-01998	18-2765	OMC	U-Joint Bellows	
	27-00417	18-2909	MerCruiser	V6 Chevy Exhaust Manifold Gasket	
	27-0099	18-2949	MerCruiser	Chris-Craft, Crusader, Pleasurecraft, OMC, Volvo Penta, Manifold Gasket	
	47-00002	18-3007	Mercury/Mariner	Impeller	
	47-0001	18-3017	Mar/Mer/Merc	Impeller for Merc 70 - 225 HP O/B & I/R/MR S/D's	
	47-00004	18-3039	Mercury/Mariner	Impeller	
900083	47-0008	18-3043	Evinrude/Johnson	Impeller for E/J V4/V6 1973-78	**$18.99 G**
	47-00587	18-3050	Evinrude/Johnson	Impeller	
	47-01814	18-3056	Mercury/Mariner	Impeller	
	47-00125	18-3057	Mercury/Mariner	Impeller	
	47-0010	18-3059	Evinrude/Johnson	Impeller for E/J V4-V8 1979 & Later	
921735	47-02173	18-3063	Yamaha	Impeller	**$14.99 G**
	47-02009	18-3068	Yamaha	Impeller	
	47-02275	18-3071	Yamaha	Impeller	
918776	47-01877	18-3082	Evinrude/Johnson	Impeller	**$13.99 G**
939085	47-03908	18-3087	Mercury Bravo	Impeller	**$15.99 G**
920288	47-02028	18-3104	Evinrude/Johnson	Impeller	**$14.99 G**
	46-0091	18-3217	MerCruiser	Impeller Repair Kit	
	46-02082	18-3310	Yamaha	Water Pump Repair Kit	
	46-0048	18-3320	MerCruiser	Complete Pump Housing Kit	
	46-01111	18-3322		Water Pump Kit	
	47-01922	18-3368	Evinrude/Johnson	Impeller - 40-50 HP	
	46-02081	18-3372	Yamaha	Water Pump Repair Kit	
	46-02857	18-3382	Evinrude/Johnson	Water Pump Repair Kit with Housing	
	46-01873	18-3389	Evinrude/Johnson	Water Pump Repair Kit	
	46-0013	18-3392	Evinrude/Johnson	Water Pump Kit for E/J V4/V6/V8 1979 & Up	
	46-00095	18-3393	Evinrude/Johnson	Water Pump Repair Kit	
919172	46-01917	18-3394	Evinrude/Johnson	Water Pump Repair Kit	**$35.99 G**
	46-02346	18-3395	Yamaha	Water Pump Repair Kit	
	46-01171	18-3507	Mercury/Mariner	Upper Pump Housing Kit	
	46-0090	18-3517	MerCruiser	Upper Pump Housing Kit (Without Base)	
	75-03057	18-3551	MerCruiser	Thermostat	
	11-01117	18-3751	Mercury/Mariner	Spanner Nut	
	300-00726	18-5172	Evinrude/Johnson	Coil for E/J 35-40 HP	
	300-01991	18-5179	Evinrude/Johnson	Coil for E/J 2-18 HP	
	300-00732	18-5181	Evinrude/Johnson	Coil for E/J 1.5-40 HP	
	300-00727	18-5192	Evinrude/Johnson	Coil for E/J 85-200 HP	
	300-00729	18-5194	Evinrude/Johnson	Coil for E/J 50-135 HP	
	300-00725	18-5196	Evinrude/Johnson	Coil for E/J 9.9-40 HP	
	300-01561	18-5705	OMC	Power Trim	
	1300-03624	18-7095	MerCruiser	Carburetor Kit	
	1300-01432	18-7222	Evinrude/Johnson	Carburetor Kit with Float	
9-37504	9-37504		Yamaha	Carb Kit - V6	**$147.95 H**
9-48603	9-48603			Water Pump Kit - 150 - 200 HP	**$52.95 H**
9-64404	9-64404			Powerhead Gasket Set - 90 HP	**$90.95 H**
9-64410	9-64410			Powerhead Gasket Set - 225 - 250 HP	**$164.95 H**

MP Parts (Listed in Sierra Number Sequence)

DMI #	Marine Power #	Sierra #	OEM	Description	Price
890000	481111			Distributor Kit - Est Delco - V8	**$296.95 F**
890017	481058			Distributor Kit - Est Delco - V6	**$271.95 F**
890029	481034			Distributor Kit - Est Delco - V4	**$336.95 F**
890156	480169			Distributor Kit - Est Delco - V8	**$222.95 F**
890168	480157			Distributor Kit - Est Delco - V6	**$197.95 F**
890170	480133			Distributor Kit - Est Delco - Inline 4	**$261.95 F**
890221	480361			Distributor - Hvs - V8	**$222.95 F**
890245	480335			Distributor - Hvs - V6	**$222.95 F**
890308	482151			Tune-Up Kit - Est Delco - V8	**$21.75 H**
890310	482163			Tune-Up Kit - Est Delco - V6	**$16.25 H**
890322	482175			Tune-Up Kit - Est Delco - Inline 4	**$11.00 H**
890372	482137			Tune-Up Kit - Hvs - V8	**$57.95 H**
890384	482149			Tune-Up Kit - Hvs - V6	**$63.00 H**
890435	481096			Tune-Up Kit - Tunderbolt - V8	**$24.90 H**
890447	481109			Tune-Up Kit - Tunderbolt - V6	**$21.60 H**
890550	482101			Distributor Cap - Est - V8	**$16.50 H**
890562	482050			Distributor Cap - Est - V6	**$13.00 H**
890574	482036			Distributor Cap - Est - Inline 4	**$7.85 H**
890625	482113			Distributor Cap - Hvs - V8	**$47.50 H**
890626	482125			Distributor Cap - Hvs - V6	**$55.00 H**
890687	482062			Distributor Cap - Thunderbolt - V8	**$18.98 H**
890699	482086			Distributor Cap - Thunderbolt - V6	**$16.25 H**
890803	482303			Rotor - Est Delco - V8	**$5.25 H**
890815	482252			Rotor - Est Delco - V6	**$4.25 H**
890827	482240			Rotor - Est Delco - Inline 4	**$3.10 H**
890877	482290			Rotor - Hvs - V8 and V6	**$16.85 H**
890928	482264			Rotor - Thunderbolt - V8	**$6.50 H**
890930	482276			Rotor - Thunderbolt - V6	**$6.35 H**
891057	481515			Ignition Coil - Est - V8, V6 and 4	**$61.75 H**
891071	481577			Ignition Coil - Hvs - V8 and V6	**$125.00 H**
891095	481565			Ignition Coil - Thunderbolt - V8 and V6	**$36.98 H**
891122	483014			Ignition Module - Est - V8, V6 and 4	**$51.50 H**
895500	439000			Electric Fuel Pump Kit	**$216.95 F**
895562				Electric Choke Kit	**$0.95 F**
899015	800133			Flywheel - 14"	**$418.95 F**
899027				Flywheel - 14" - BM	**$418.95 F**

CDI Electronics Parts

DMI #	CDI Electronics #	Description		Price
207642	113-4783	Johnson/Evinrude - Power Pack	9.9 - 15 HP, 1993 - 2000	**$108.00 L**
207666	113-4808	Johnson/Evinrude - Power Pack	25 - 70 HP, 1993 - 2000	**$290.00 L**
207729	113-1397	Johnson/Evinrude - Power Pack	50 HP, 1971 - 1975	**$138.00 L**
207731	113-1726	Johnson/Evinrude - Power Pack	65 - 235 HP, 1972 - 1978	**$146.00 L**
207743	113-1731	Johnson/Evinrude - Power Pack	85 - 140 HP, 1973 - 1977	**$146.00 L**
207755	113-2115	Johnson/Evinrude - Power Pack	60 - 75 HP, 1986 - 1990	**$100.00 L**
207767	113-2125	Johnson/Evinrude - Power Pack	85 - 140 HP, 1978 - 1984	**$110.00 L**
207779	113-2138	Johnson/Evinrude - Power Pack	75 - 235 HP, 1979 - 1984	**$144.00 L**
207781	113-2285	Johnson/Evinrude - Power Pack	4 - 60 HP, 1985 - 2000	**$98.00 L**
207793	113-2453	Johnson/Evinrude - Power Pack	4 - 60 HP, 1977 - 1985	**$96.00 L**
207806	113-2556	Johnson/Evinrude - Power Pack	65 - 235 HP, 1984	**$144.00 L**
207818	113-2651	Johnson/Evinrude - Power Pack	150 - 235HP, 1985	**$136.00 L**
207832	113-3072	Johnson/Evinrude - Power Pack	120, 140 HP, 1985	**$130.00 L**
207844	113-3101	Johnson/Evinrude - Power Pack	88 - 300 HP, 1986 - 1988	**$144.00 L**
207856	113-3110	Johnson/Evinrude - Power Pack	88 - 110 HP, 1986 - 1987	**$138.00 L**
207868	113-3114	Johnson/Evinrude - Power Pack	150 - 155 HP, 1986 - 1988	**$148.00 L**
207882	113-3605	Johnson/Evinrude - Power Pack	200 - 225 HP, 1986 - 1987	**$158.00 L**
207894	113-3748	Johnson/Evinrude - Power Pack	60 - 70 HP, 1989 - 1995	**$134.00 L**
207907	113-3865	Johnson/Evinrude - Power Pack	150 - 175 HP, 1989 - 1991	**$286.00 L**
207919	113-4028	Johnson/Evinrude - Power Pack	65 - 115 HP, 1989 - 1997	**$138.00 L**
207921	113-4037	Johnson/Evinrude - Power Pack	185 HP - 3.0L, 1988 - 1992	**$232.00 L**
207933	113-4041	Johnson/Evinrude - Power Pack	120 - 140 HP, 1988 - 2000	**$240.00 L**
207957	113-4489	Johnson/Evinrude - Conversion Kit	20 - 55 HP	**$190.00 L**
207969	113-4767	Johnson/Evinrude - Power Pack	18 - 50 HP, 1993 - 1997	**$116.00 L**
207970	113-5316	Johnson/Evinrude - Power Pack	35 - 50 HP, 1992 - 1997	**$160.00 L**
207971	113-6212	Johnson/Evinrude - Power Pack	175 - 225 HP, 1986 - 2000	**$320.00 L**
207973	113-4985	OMC Optical Power		**$258.00 L**
207890	113-6367K	J/E Optical Pack and Sensor	6 Cylinder	**$325.00 L**
207983	113-7123	Johnson/Evinrude - Amplifier	1968 - 1971	**$325.00 L**
208036	114-4911	Mercury - Switch Box	20 - 40 HP, 1973 - 1981	**$250.00 L**
208050	114-4953	Mercury - Switch Box	65 - 95 HP, 1994 - 1997	**$336.00 L**
208062	114-5772	Mercury - Switch Box	30 - 125 HP, 1981 - 1997	**$298.00 L**
208074	114-6222	Mercury - Switch Box	4 - 9.8 HP, 1976 - 1986	**$244.00 L**
208098	114-7452A3	Mercury - Switch Box	18 - 40 HP, 1979 - 1983	**$140.00 L**
208101	114-7452K1	Mercury - Switch Box	6 - 25 HP, 1986 - 1997	**$198.00 L**
208110	114-7509	Mercury - CDM Module		**$67.00 L**
208113	114-7778	Mercury - Switch Box	50 - 275 HP, 1976 - 1999	**$220.00 L**
208125	114-9052	Mercury - Switch Box	45 - 60 HP, 1991 - 1999	**$334.00 L**
208202	123-9898-8	Johnson/Evinrude - Shift Assist Module	8 Cylinder	**$98.00 L**
208210	133-1900	Johnson/Evinrude - Timer Base	4 Cylinder	**$275.00 L**
208214	133-3387	Johnson/Evinrude - Sensor	4 - 60 HP, 1977 - 2000	**$28.00 L**
208220	113-3533	OMC Timer Base		**$396.00 L**
208230	133-3853	Johnson/Evinrude - Timer Base	6 Cylinder - Cross Flow	**$342.00 L**
208235	133-6343	Johnson/Evinrude - Optical Sensor	4/6 Cylinder	**$65.00 L**
208239	134-6452	Mercury - Trigger	4 Cylinder	**$96.00 L**
208240	134-6453	Mercury - Trigger	50 - 70 HP, 1984 - 1990	**$178.00 L**
208252	134-6456	Mercury - Trigger	V6	**$154.00 L**
208260	134-9021-3	Mercury - Trigger	3 Cylinder	**$100.00 L**
208262	134-9021-4	Mercury - Trigger	4 Cylinder	**$100.00 L**
208290	153-3408	OMC - Rectifier	50 - 235 HP, 1973 - 1996	**$48.00 L**
208365	173-1235	Johnson/Evinrude - Stator	65 - 75 HP, 1972 - 1977	**$222.00 L**
208389	173-1670	Johnson/Evinrude - Stator	4 - 60 HP, 1977 - 2000	**$18.00 L**
208392	173-3117	Johnson/Evinrude - Stator - 35 AMP	200/225 HP, 1986 - 1987. 275/300, 1985 - 1987	**$350.00 L**

CDI Electronics Parts

DMI #	CDI Electronics #	Description		Price
208396	173-3536	Johnson/Evinrude - Stator - 9 AMP		**$242.00 L**
208416	173-3672	Johnson/Evinrude - Stator	85 - 235 HP, 1978 - 1987	**$262.00 L**
208428	173-3724	Johnson/Evinrude - Stator	60 - 75 HP, 1986 - 1989	**$193.00 L**
208480	173-4560	Johnson/Evinrude - Stator - 9 AMP		**$216.00 L**
208492	174-4793	Mercury - Stator		**$295.00 L**
208505	174-5255	Mercury - Stator		**$230.00 L**
208517	174-5454K1	Mercury - Stator	30 - 85 HP, 1976 - 1997	**$172.00 L**
208529	174-5456	Mercury - Stator	90 - 200 HP, 1979 - 1989	**$185.00 L**
208531	174-5456-16	Mercury - Stator	135 HP - 3.4L, 1979 - 1994	**$185.00 L**
208555	174-6617K1	Mercury - Stator	6 - 35 HP, 1984 - 1998	**$140.00 L**
208579	174-2075K2	Mercury - Stator	50 - 120 HP, 1996 - 2000	**$244.00 L**
208581	174-8778K1	Mercury - Stator	70 - 125 HP, 1987 - 1996	**$270.00 L**
208582	174-9710K1	Mercury - Stator	40 - 135 HP, 1987 - 1999	**$275.00 L**
208583	174-9610K2	Mercury - Stator		**$416.00 L**
208656	183-2508	Johnson/Evinrude - Coil	4 - 300 HP, 1985 - 2000	**$33.00 L**
208694	193-3689	Johnson/Evinrude - Voltage Regulator	120 - 300 HP, 1985 - 1992	**$262.00 L**
208707	193-4093	Johnson/Evinrude - Voltage Regulator	35 AMP, 90 - 175 HP	**$268.00 L**
208719	193-4204	Johnson/Evinrude - Voltage Regulator	65 - 175 HP, 1984 - 1997	**$106.00 L**
208745	193-4476	Johnson/Evinrude - Voltage Regulator	25 -70 HP, 1992 - 2000	**$234.00 L**
208769	193-5204	Johnson/Evinrude - Voltage Regulator	90 - 235 HP, 1984 - 1991	**$290.00 L**
208771	194-5279	Mercury - Voltage Regulator		**$150.00 L**
208808	413-9914	OMC - Harness		**$162.00 L**
208822	414-2770	Mercury - Harness		**$165.00 L**
208834	414-3369	Mercury - Harness		**$173.00 L**
208850	474-9550	Mercury Harness		**$274.00 L**



Power Pack



Stator

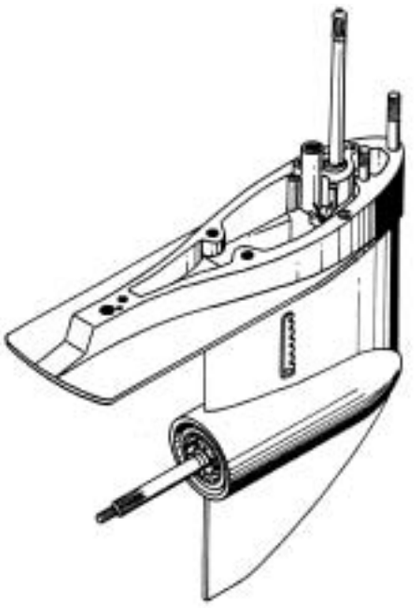


Voltage Regulator



Switch Box

Lower Gearcase - Alpha I R/MR



Lower Gearcase - Alpha I R/MR
For MerCruiser R, MR and Alpha I Drives. GLM #18100. Merc #1623-8951A43.

499144 **$1,625.00 E**

Sen-Dure Oil Coolers



Sen-Dure Engine/Transmission Oil Coolers
2" copper tubes have standard 3/8" NPTF.

605001 (1129-12-5) 1-1/4" Hose Bib **$159.95 H**
605000 (1129-2-5) 1" Hose Bib **$159.95 H**

Marpac Lower Unit Gasket and O-Ring Display
This display contains 5 packages of the following.

7-5998 - Drain Plug - Mercury Lower Unit
7-5999 - Plug Gasket - Mercury Lower Unit
7-6000 - Magnetic Drain Plug - Mercury Lower Unit
7-6001 - O-Ring - Mercury Lower Unit
7-6015 - O-Ring - OMC Lower Unit
7-6016 - Drain Plug and Gasket - OMC Lower Unit
7-6017 - Plug Gasket - OMC Lower Unit
7-6011 - O-Ring - Volvo Lower Unit
7-6012 - Plug Gasket - Volvo Lower Unit
7-6005 - Magnetic Drain Plug - Yamaha Lower Unit
7-6006 - Plug Gasket - Yamaha Lower Unit
7-6007 - Drain Plug and Gasket - Yamaha Lower Unit

7-3015 **$452.47 L**

Sterndrive/Inboard Starters

DMI #	Application	OEM #	MES #	Sierra #	Arco #	Price
Sterndrive/Inboard Starters						
125561	Ford 302/351, 4-1/2" (C.W.)	50-6965A1, 980803	337M	18-5914	70117	**$17895 G**
125600	Merc/OMC/Volvo 4, 6, 8 Cyl. (C.W.)	50-47455, 982202	5275M	18-5907	30454	**$200.95 G**
125763	Merc/OMC/Volvo 4, 6, 8 Cyl. (C.C.W.)	5076965A3, 982195	5275ML	18-5908	30455	**$214.95 G**
185913	Merc/Cobra/Volvo 1.4 KW (C.W.)	50806964A3	5399M	18-5913	30470	**$176.93 H**
125650	Merc/Cobra/Volvo 1.4 KW (C.W.)	50806964A3	5399M	18-5913	30470	**$178.95 G**
125612	Merc/OMC/Yam/Vol 4, 6, 8 Cyl. (C.W.)	50-99417A2	5314M	18-5911	30124	**$162.95 G**
185911	Merc/OMC/Yam/Vol 4, 6, 8 Cyl. (C.W.)	50-99417A2	5314M	18-5911	30124	**$192.02 H**
125636	Merc/OMC/Volvo 6, 8 Cyl. (C.W.)	50-12177A2, 986505	5323M	18-5910	30140	**$162.95 G**
185910	Merc/OMC/Volvo 6, 8 Cyl. (C.W.)	50-12177A2, 986505	5323M	18-5910	30140	**$182.43 H**

Rectifiers

DMI #	Application	OEM #	MES #	Sierra #	Price
125371	J/E O/B 6-10 amp - 3 Wire	580841, 582307, 582399	1780M	18-5708	**$28.95 G**
125383	J/E O/B 4.5 amp - 4 Wire	581778	1781M	18-5709	**$30.95 G**
125408	Mercury O/B	62351A1, A2	1782M	18-5707	**$30.95 G**

Outboard Starters

DMI #	Application	OEM #	MES #	Sierra #	Arco #	Price
Johnson/Evinrude Outboard Starters						
125826	20-30 HP, 1987-94, 2 Cyl. Engines	583473, 585059, 585459	S2039M	18-5627	5390	**$155.95 G**
125244	25-40 HP, 1957-88, 2 Cyl. Engines	386591, 392133, 585061, 586278	S1060M	18-5645	5376	**$110.95 G**
185645	20-40 HP, 1957-88, 2 Cyl. Engines	386591, 392133, 585061, 586278	S1060M	18-5645	5376	**$142.43 G**
125838	40-50 HP, 1989-95, 2 Cyl. Engines	583482, 585056, 586279	S2038M	18-5624	5389	**$200.95 G**
125282	60-75 HP, 1969-94, 3 Cyl. Engines	585050, 585058, 585197, 586281	S2065M	18-5635	5370	**$191.95 G**
125294	85-140 HP, 1969-97, V4 Cross	505051, 585057, 585196, 586282, 586283	S2066M	18-5634	5372	**$178.95 G**
185647	85-140 HP, 1969-97, V4 Cross	505051, 585057, 585196, 586282, 586283	S2066M	18-5647	5372	**$179.95 H**
125280	150-170 HP, 1991 - Up, V6 Eagle	432925, 586286, 586287	S2040M	18-5612	5391	**$155.95 G**
125256	150-235 HP, 1976-92, V6 Cross	585062, 586288	S2061M	18-5600	5373	**$191.95 G**
125903	200-300 HP, 1992, V6 and V8 Engines	397023, 584799, 586289, 586411	S2030M	18-5619	5387	**$245.95 G**
Mercury Outboard Starters						
125263	30-40 HP, 1992-96	50-822462, 50-822462-1, 50-822462T1	S2046M	18-5621	5396	**$155.95 G**
125888	40-50 HP, 1976-94	50-73521, 50-73521-1	S2033M	18-5605	5379	**$191.95 G**
125268	75-90 HP, 1977-94. 80 HP, 1986-88	50-65436, 50-66015, 50-66015-2	S1063M	18-5642	5375	**$123.95 G**
125269	75-90 HP, 1977-94. 80 HP, 1986-88	50-60315, 50-65436, 50-66015, 50-66015-2, 50-66015T1	S2063M	18-5604	5375	**$178.95 G**
185642	75-90 HP, 1977-94. 80 HP, 1986-88	50-65436, 50-66015, 50-66015-2, 50-66015	S1063M	18-5642	5375	**$261.85 H**
125270	90-175 HP ,Inline, 1976-88. 150 HP V6	50-57465A1, 50-72467	S1064M	18-5649	5377	**$123.95 G**
185649	90-175 HP, Inline, 1976-88. 150 HP V6	50-57465A1, 50-72467	S1064M	18-5649	5377	**$182.45 H**
125319	135-275 HP, 1975-94	50-44414, 50-79472	S1068M	18-5643	5380	**$123.95 G**
185643	135-275 HP, 1975-94	50-44414, 50-79472	S1068M	18-5643	5380	**$182.45 H**
125274	200-275 HP Large V6 Engines, 1975-94 105 Jet and 140 Jet	50-44414, 50-44415, 50-77141, 50-79472, 50-79472-1	S2068M	18-5608	5380	**$200.95 G**
Yamaha Outboard Starters						
186413	55-60 HP, 2 Cylinder (9 tooth)	6E5-81800-11-00, 6E5-81800-12-00		18-6413		**$413.90 H**
125333	115-200 HP	6E5-81800-12	S1070M	18-6413		**$313.95 G**
Chrysler/Force Outboard Starters						
125321	70-150 HP, 1983-99	50-819085	S2069M	18-5644	5393	**$169.95 G**
185644	70-150 HP, 1991-99	50-819085	S2069M	18-5644	5393	**$162.43 H**
185613	85L, 70-150 HP, 1966-89	480955/FK16955		18-5613		**$214.95 H**
185613	150 Force, 1989A-92C	480955, 490955, 61-6955		18-5613		**$214.95 H**
185618	Sport Jet 90/120, 1992-97	50-819968-2		18-5658		**$222.47 H**

Water Pumps

DMI #	Application	OEM #	MES #	Sierra #	Price
125941	Inline 4 & 6 Cyl. GM Engines (110, 120, 140, 165 HP)	Merc: 65142A1, OMC: 984360, 986779	WP447M	18-3575	**$78.95 G**
125965	Small Block GM V8 Engines (w/Composite Timing Cover)	Merc: 60658, OMC: 985429, Volvo: 8353906	WP453ML	18-3583	**$71.95 G**
125989	Big Block GM Engines (w/Composite Timing Cover)	Merc: 679859, 17670, 811573, OMC: 987447, Volvo: 3855991	WP415M	18-3577	**$101.95 G**
183573	GM 8.1L Engines. MerCruiser, Volvo Penta, Flagship & Marine Power	Merc: 883925	–	18-3573	**$199.70 H**

Solenoids

DMI #	Application	OEM #	MES #	Sierra #	Price
125422	Mercury O/B - I/O	25661, 25661T1	1937M	18-5836	**$15.95 G**
125484	Mercury O/B - I/O	89-68258A4	3365M	18-5815	**$16.95 G**
125523	Mercury I/O	89-96054	3386M	18-5816	**$14.95 G**
125547	Mercury I/O	89-96158	3387M	18-5817	**$14.95 G**
125460	OMC/Mercury I/O	985064, 89-76416A4	3364M	18-5801	**$16.95 G**
125446	OMC O/B	395419, 582708	1938M	18-5808	**$15.95 G**
125509	OMC O/B	584128	3366M	18-5812	**$16.95 G**
185834	Mercury and Ford	89-817109A2		18-5834	**$48.12 H**
185835	Mercury and Ford	89-817109A2	3374M	18-5835	**$48.12 H**

Alternators

DMI #	Application	OEM #	MES #	Sierra #	Arco #	Price
125674	Mando - Merc, 55 amp, SGL Pulley	817119-2	3144M	18-5966	60050	**$207.95 G**
185966	Mando - Merc, 55 amp, SGL Pulley	817119-2	3144M	18-5966	60050	**$223.22 H**
125662	Delco - Merc/OMC, 1 Wire, 63 amp	78403A1	3147MN	18-5956	20102	**$162.95 G**
125686	Delco - Merc/OMC, 63 amp	92497A3, 78403A2	3186MN	18-5957	20104	**$169.95 G**
125787	Mando - Merc, 65 amp	805884P	3159M	18-5965	60065	**$230.95 G**
185959	Volvo Penta, 60 amp			18-5939	–	**$475.07 H**
185941	Merc, 3 Wire, 68 amp (Remanuf)			18-5941	–	**$146.41 H**
185959	Volvo Penta, 50 amp			18-5959	–	**$527.85 H**

Trim/Tilt Motors

Yamaha Outboard

DMI #	Sierra #	MES #	Description	Price
186781	18-6781	–	2-wire conn., 3-bolt mount. For: 40 HP (1994), 50 HP (1992-95), 60 HP (1997-up), 70 HP (1996-up), 90 HP (1992-up).	**$297.22 H**
186782	18-6782	–	4-wire connection, 3-bolt mount. For: 225-250 HP.	**$414.92 H**
186783	18-6783	–	2-wire ring terminal connection, 4-bolt mount. For: 115-225 HP (1997-2002).	**$216.58 H**
9-18400	–	–	3 bolt mount, 4 wire connection, o-ring included. For 225-250 HP.	**$355.95 H**
9-18401	–	–	3 bolt mount, 2 wire connection, o-ring included. For 40-100 HP (1995-2003).	**$362.95 H**

Johnson/Evinrude Outboard

DMI #	Sierra #	MES #	Description	Price
186759	18-6759	S1086M	2 Wire - New Style - 3, 4, 6, 8, Cylinder, 1982-Up	**$148.59 H**
186761	18-6761	–	3 Wire - Old Style - 3, 4, 6 Cylinder, 1981-Up	**$220.85 H**
186767	18-6767	–	2, 3, 4 Cylinder, 1974-90	**$465.70 H**
186780	18-6780	–	90-225 HP, 1991-Up	**$215.21 H**

Mercury/Mariner Outboard

DMI #	Sierra #	MES #	Description	Price
186273	18-6273	–	35-220 HP w/Design 1, 3 Ram, # Wire Tilt/Trim Units w/side Fill Reservoir. Square style Eaton: Round style Prestolite	**$603.95 H**
186763	18-6763	–	Most O/B's Up to 1984	**$282.45 H**
186777	18-6777	–	30-125 HP (2 Wire)	**$339.06 H**
186775	18-6775	–	65-125 HP (3 Wire)	**$439.07 H**
186784	18-6784	–	2 wire motor with conversion kit. Including harness & relays. For Single ram 3-wire systems.	**$363.85 H**

MerCruiser I/O

DMI #	Sierra #	MES #	Description	Price
125749	18-6772	T1087M	Merc I/O, O/B (Oildyne), Alpha I, Gen II	**$146.95 G**
125751		T1088M	Late Model w/ Oildyne Pump	**$539.95 G**
186763	18-6763	–	Most Units Up to 1984	**$282.45 H**
186769	18-6769	–	Most Units from 1984	**$629.20 H**
186772	18-6772	T1087M	Late Style Alpha I, Gen II, Bravo	**$221.93 H**

OMC/Cobra Sterndrive

DMI #	Sierra #	MES #	Description	Price
125701	18-6754	T1085	(Prestolite) OMC, 2 Wire	**$132.95 G**
125725	18-6759	T1086M	OMC, 2 Wire	**$110.95 G**
186280	18-6280	–	40, 48, 50 HP (1992 and Up) with 2 Wire Connection and Hollow Hex Shaft.	**$355.18 H**
186281	18-6281	–	Heavy duty for OMC Outboards 75 - 250 HP, FFI (1998 - Up)	**$244.82 H**
186754	18-6754	T1085M	All Models 1963-77	**$173.08 H**
186755	18-6755	–	All Models - Except 2.5L, 3.0L, 1978-85	**$182.88 H**

Suzuki Outboard

DMI #	Sierra #	MES #	Description	Price
186786	18-6786	–	2-wire connection, 3-bolt mount. For: V4 & V6 (1990 - Up)	**$369.43 H**

Volvo Penta I/O

DMI #	Sierra #	MES #	Description	Price
186758	18-6758	–	OE# 850834-3, Electrolux 5024/120	**$174.63 H**

Champion Spark Plugs

DMI #		MFG #	Price
284365	2412-6	2412	$22.95 H
283200	843	CJ8	$2.95 H
283008	825	J4C	$2.95 8H 96K
283109	823	J6C	$2.95 8H 96K
283212	841	J8C	$2.95 8H 96K
283539	837	L20V	$3.95 8H 96K
283159	885	L6VC	$3.95 8H 96K
283705	827M	L76V	$4.95 4H 96K
283755	821M	L77JC4	$2.95 8H 96K
283907	807M	L78C	$2.95 4H 96K
283919	833M	L78V	$4.95 4H 96K
283882	936M	L78YC	$2.95 4H 96K
283920	924M	L78YC6	$2.95 4H 96K
284024	811M	L82C	$2.95 4H 96K
284036	328	L82YC	$2.95 4H 96K
283363	910	P10Y	$3.95 8H 96K
283370	958	QC10PEP	$9.95 4H 96K
283372	7919	QC10PEPB	$12.95 4H 96K
283399	956M	QC12PEP	$9.95 4H 96K
283490	876M	QL16V	$9.95 4H 96K
283731	898	QL76V	$9.95 8H 96K
283806	941M	QL77CC	$5.95 6H 96K
283781	828M	QL77JC4	$4.95 4H 96K
283922	883M	QL78C	$4.95 8H 96K
283933	938M	QL78YC	$4.95 4H 96K
283935	939M	QL78YC6	$4.95 8H 96K
284037	931M	QL82C	$4.95 4H 96K
284039	932M	QL82YC	$4.95 4H 96K
284163	933M	QL86C	$4.95 4H 96K
284240	934M	QL87YC	$4.95 4H 96K

DMI #		MFG #	Price
283224	810	RA8HC	$3.95 8H 96K
P73000	73	RBL16Y	$2.95 H
283286	434	RC9MC4	$2.95 4H 96K
P86300	863	RCJ8Y	$2.95 H
P12900	129	RF10C	$2.95 H
284310	874M	RL82C	$2.95 4H 96K
283059	814	RL82YC	$3.95 H 96K
284429	327	RL87YC	$2.95 H
282929	818	RN2C	$2.95 8H 96K
282943	880	RN3C	$2.95 8H 96K
283060	123	RN5C	$2.95 H
283313	415	RN9YC	$2.95 4H 96K
283464	401	RS12YC	$2.95 6H 96K
283318	304	RS94C	$2.95 H 96K
283476	406	RV12YC	$2.95 4H 96K
283488	18	RV15YC4	$2.95 8H 96K
283250	121	RV8C	$2.95 8H 96K
284315	942M	RV91MC	$3.95 4H 96K
283325	400	RV9YC	$2.95 4H 96K
283503	824M	UL18V	$3.95 8H 96K
283818	831M	UL77V	$4.95 6H 96K
283971	835	UL81C	$3.95 8H 96K
283480	955	XC12PEPB	$9.95 4H 96K

Premium Gold Spark Plug for OMC FFI Engine

DMI #	MFG #		Price
284377	2412		$3.95 H
284404	5828		$7.95 H
284428	5939		$7.95 H

Shop Pack (24 Per Pack)

DMI #		MFG #	Price
283022	825S	J4C	$60.95 H
283123	823S	J6C	$60.95 H
283717	827S	L76V	$112.95 H
283779	821S	L77JC4	$62.95 H
283915	833S	L78V	$97.95 H
283793	828S	QL77JC4	$112.95 H
283927	883S	QL78C	$112.95 H
283934	938S	QL78YC	$112.95 H
284062	931S	QL82C	$112.95 H
284048	932S	QL82YC	$112.95 H
999172	327	RL87YC	$53.95 H
283454	415S	RN9YC	$60.95 H
283467	406S	RV12YC	$70.95 H
283486	185	RV154C4	$70.95 H
284317	942S	RV91MC	$62.95 H
284431	930S	RV92YC	$59.95 H
283349	400S	RV9YC	$54.95 H
283820	831S	UL77V	$112.95 H

DMI #		MFG #	Price
999176	827-1	L76V	$3.95 H
999173	821-1	L77JC4	$1.95 H
999177	833-1	L78V	$3.95 H
999175	811-1	L82C	$1.95 H
999174	592-1	RJ12C	$2.95 H
666169	8332-2		$8.95 H
999170	8339-2		$8.95 H
999167	8415-2		$8.95 H
999168	8814-2		$8.95 H
999171	8883-2		$8.95 H

Spark Plug Cross Reference Chart

Champion #	NGK #	Champion #	NGK #	Champion #	NGK #	Champion #	NGK #
CJ8	BM6A	J4C	B7S	J4C	B8S	J4J	–
J6C	B6S	J8C	B6S	L20V	BUH	L6VC	BU-8H
L76V	BUHW	L77J2	B9HS-10	L77JC4	B7HS-10	L78C	B8HS
L78V	BUHW-2	L78YC	BP8HN-10	L78YC	BP8HS-10	L82C	B7HS
L82YC	BP7HS	L86C	B6HS	L87YC	BP6HS	L90C	B5HS
P10Y	D6HA	QL16V	BUZ8H	QL6VC	BUZ8H	QL76V	BUZHW
QL77CC	BR8HS	QL77J4	BZ7HS-10	QL77JC4	BZ7HS-10	QL78C	BR8HS
QL78V	BUZHW-2	QL78YC	BPR7HS	QL82YC	BPR7HS	QL86C	BR6HS
QL87YC	BPR6HS	RA8HC	DCPR7E	RC9MC4	FR5	RJ12C	BR6S
RJ12YC	XR5	RL78C	BR8HS	RL82C	BR7HS	RL82YC	BPR7HS-10
RL87YC	BPR6HS-10	RN2C	BR9ES	RN3C	BR7ES	RN3C	BR8ES
RN5C	BR6ES	RN6YC	BPR8ES	RN7YC	BPR7ES	RN9YC	BPR6ES
RS12YC	TR4	RV12C	YR5	RV12YC	UR5	RV15YC4	UR4
RV8C	BR6FS	RV9YC	BPR6FS	UL18V	BUHX	UL77V	BUHXW-1
UL81C	B7HS	Z9Y	CR6HS				

NGK Spark Plugs

DMI #		MFG #	Price
498471	4210	B5HS	$2.85 10H 200K
498508	7534	B6HS	$2.93 4H 120K
498510	1052	B6HS-10	$2.95 10H 200K
498522	3510	B6S	$2.95 10H 200K
498596	5110	B7HS	$2.95 10H 200K
498611	2129	B7HS-10	$2.95 10H 200K
498748	5510	B8HS	$2.95 10H 200K
498762	5126	B8HS-10	$2.95 10H 200K
498801	3810	B8S	$2.95 10H 200K
499005	3626	B9HS-10	$2.95 10H 200K
498490	6962	BKR6E	$2.95 10H 200K
498480	6993	BKR6EKU	$8.95 10H 200K
498481	5553	BKR6ES-11	$2.95 4H 120K
498652	5881	BKR7EKU	$8.95 10H 200K
498641	2387	BKR7ES-11	$2.95 4H 120K
498538	6326	BP6HS-10	$2.95 10H 200K
498635	5111	BP7HS	$2.95 10H 200K
498659	7829	BP7HS-10	$2.95 10H 200K
498849	4838	BP8H-N-10	$2.95 10H 200K
498837	3823	BP8HS-10	$2.95 10H 200K
498813	6729	BP8HS-15	$2.95 10H 200K
498500	7549	BPR5EFVX	$10.95 4H 120K
498571	7734	BPR5ES	$2.95 A
498526	3623	BPR6EFS	$2.95 10H 200K
498529	7131	BPR6ES	$2.95 4H 120K
498572	2623	BPR6FS	$2.95 10H 200K
498584	2633	BPR6HS-10	$2.95 10H 200K
498669	2023	BPR7ES	$2.95 10H 200K
498661	1092	BPR7HS-10	$2.95 10H 200K
498855	3923	BPR8ES	$2.95 10H 200K
498609	4495	BPZ8H-N-10	$10.95 10H 200K
498859	3133	BPZ8HS-10	$10.95 10H 200K
498860	4722	BR5ES	$2.95 A
498534	4323	BR6FS	$2.95 10H 200K
498700	5122	BR7ES	$2.95 10H 200K
498712	4122	BR7HS	$2.95 10H 200K
498673	1098	BR7HS-10	$2.95 10H 200K
498863	5422	BR8ES	$3.95 10H 200K
498865	7986	BR8ES-11	$2.95 10H 200K
498887	1157	BR8HCS-10	$7.95 10H 200K
498866	4322	BR8HS	$2.95 10H 200K
498875	1134	BR8HS-10	$2.95 10H 200K
498964	5722	BR9ES	$33.95 10H 200K
499043	4522	BR9HS	$2.95 10H 200K
499050	4551	BR9HS-10	$2.95 10H 200K
498902	6431	BU-8H	$3.95 10H 200K
498306	2422	BUH	$3.95 10 H 200K
498320	2622	BUHW	$3.95 10H 200K
498356	5626	BUHW-2	$3.95 10H 200K
498386	2522	BUHX	$3.95 10H 200K
498394	5526	BUHXW-1	$3.95 10H 200K
498947	7447	BUZ8H	$10.95 10H 200K
499081	2147	BUZHW	$10.95 10H 200K
498422	2173	BUZHW-2	$10.95 10H 200K
498724	3579	BZ7HS-10	$4.95 10H 200K
498588	7023	CR6HS	$2.95 10H 200K
498590	3481	DCPR6E	$4.95 10H 200K
498736	3932	DCPR7E	$4.95 10H 200K
498495	5531	DPR6EA-9	$2.95 10H 200K
498496	3108	DPR6EB-9	$2.95 A
498430	4623	DR5HS	$2.95 10H 200K
498483	4823	DR6HS	$2.95 10H 200K
498740	7839	DR7EA	$2.95 10H 200K
498450	5588	ILFR6G	$19.95 4H 120K
498455	4212	ILFR6GE	$19.95 A
498448	5887	IZFR5G	$19.95 4H 120K
498447	5899	IZFR5J	$19.95 A
498591	4095	IZFR6F-11	$19.95 4H 120K
498456	4462	IZFR6J	$19.95 4H 120K
498479	6376	LFR5A11	$8.95 10H 200K
498593	3672	LFR6A-11	$8.95 10H 200K
498438	3741	PZFR5F	$19.95 4H 120K
498446	4363	PZFR5F-11	$19.95 4H 120K
498595	7696	BPZFR6H	$19.95 4H 120K
498449	2238	TR5	$2.95 4H 120K
498440	6630	UR4	$2.95 4H 120K
498457	7052	YR5	$2.95 4H 120K
498709	5913	ZFR7F	$3.95 10H 200K

Shop Pack (24 Per Pack)

DMI #		MFG #	Price
498623	704	B7HS-10S25	$74.95 K
498777	705	B8HS-10	$74.95 K
499029	706	B9HS-10	$68.95 K
498850	710	BP8H-N-10	$74.95 K
498520	1006	BPR6EF	$78.95 K
498615	1018	BPZ8H-N-10	$268.95 K
498562	1107	BPZ8HS	$268.95 K
498546	708	BR6FS	$78.95 K
498602	1113	BR7HS-10	$78.95 K
498570	1207	BR7HS	$76.95 K
498825	713	BR8ESSP	$78.95 K
498879	709	BR8HS-10	$78.95 K
499066	707	BR9HS-10	$78.95 K
498924	703	BU-8H	$95.95 K
499079	702	BUHW2	$102.95 K
498332	701	BUHW	$10295 H
498501	1116	LFR5A-11	$209.95 K
498622	1119	LFR6A-11	$209.95 K



AC Delco Spark Plugs

DMI #	MFG #	Description	Price
203050	41-932	Platinum Mercury	$14.95 L
203062	41-983	Platinum Mercury	$14.95 L

DMI #	MFG #	Description	Price
203264	MR43LTS		$4.95 L
203276	MR43T	14mm, 31/64" reach, 5/8" hex	$4.95 L
203288	MR44T	14mm, 31/64" reach, 5/8" hex	$4.95 L

Power Head Rebuild Kits

Quick and simple, no looking up multitudes of part numbers for a single job.
Rebuild kits include the necessary gaskets and bearings. Pistons and connecting rods available separately if needed.





680015

OMC Power Head Rebuild Kit

V6 Rebuilt Kit. 1993 and later. Carbureted Only.

680000 **$739.95 E**

Add the correct pistons for the job.

680002 (4300S)	V6 Standard Piston	Starboard	**$73.95 E**
680005 (4300P)	V6 Standard Piston	Port	**$73.95 E**
680010 (4320S)	V6 .020 Piston	Starboard	**$73.95 E**
680015 (4320P)	V6 .020 Piston	Port	**$73.95 E**
680020 (4330S)	V6 .030 Piston	Starboard	**$73.95 E**
680025 (4330P)	V6 .030 Piston	Port	**$73.95 E**
680028 (7518N)	V6 Connecting Rod		**$129.95 E**
680029 (353)	Stainless Mounting Bolt Kit		**$18.95 E**



680100

Mercury Power Head Rebuild Kit

V6 Rebuilt Kit. 1.5 Liter 1991 and later. Carbureted and EFI.

680030 **$440.95 E**

Add the correct pistons for the job.

680035 (2500S)	V6 Standard Piston	Starboard	**$89.95 E**
680040 (2500P)	V6 Standard Piston	Port	**$89.95 E**
680045 (2515S)	V6 .015 Piston	Starboard	**$89.95 E**
680050 (2515P)	V6 .015 Piston	Port	**$89.95 E**
680055 (2530S)	V6 .030 Piston	Starboard	**$89.95 E**
680060 (2530P)	V6 .030 Piston	Port	**$89.95 E**
680065 (644N)	V6 Connecting Rod		**$86.95 E**



680028

Yamaha Power Head Rebuild Kit

V6 Rebuilt Kit. 1993 - 1998.

680080 **$829.95 E**

Add the correct pistons for the job.

680085 (4600S)	V6 Standard Piston	Starboard	**$73.95 E**
680090 (4600P)	V6 Standard Piston	Port	**$73.95 E**
680095 (4620S)	V6 .020 Piston	Starboard	**$73.95 E**
680100 (4620P)	V6 .020 Piston	Port	**$73.95 E**
680105 (4640S)	V6 .040 Piston	Starboard	**$73.95 E**
680110 (4640P)	V6 .040 Piston	Port	**$73.95 E**
680115 (6R5N)	V6 Connecting Rod		**$66.95 E**



680029

Sierra Inboard Pistons

184161	(18-4161) OMC/Volvo/Mercury	.030	**$88.05 H**
184164	(18-4164) OMC/Volvo/Mercury	.030	**$70.85 H**
184173	(18-4173) OMC/Volvo/Mercury	Std.	**$70.18 H**

Sierra Johnson/Evinrude Pistons

DMI #	MFG #	Bore Size	Application	Years	Price
18 - 35 HP Cross Flow					
184107	18-4107	3.000"	18 - 35 HP Cross Flow Std.	1981-98	**$107.28 H**
28 - 60 HP Loop Charged					
184125	18-4125	3.187"	28 - 60 HP Loop Charged Std.	1980-98	**$76.90 H**
184105	18-4105	3.217"	28 - 60 HP Loop Charged .030	1980-98	**$76.90 H**
60 - 75 HP Loop Charged					
184124	18-4124	3.000"	60 - 75 HP Loop Charged Std.	1976-88	**$80.97 H**
184114	18-4114	3.020"	60 - 75 HP Loop Charged .020	1976-88	**$80.97 H**
184104	18-4104	3.030"	60 - 75 HP Loop Charged .030	1976-88	**$80.97 H**
50 - 70 HP Loop Charged					
184063	18-4063	3.187"	50 - 70 HP Loop Charged Std.	1986-98	**$101.22 H**
184064	18-4064	3.217"	50 - 70 HP Loop Charged .030	1986-98	**$101.22 H**
V4 Cross Flow					
184120	18-4120	3.500"	80 - 235 HP Cross Flow Std.	1976-97	**$85.00 H**
184110	18-4110	3.520"	80 - 235 HP Cross Flow .020	1976-97	**$86.03 H**
184100	18-4100	3.530"	80 - 235 HP Cross Flow .030	1976-97	**$85.00 H**
V4, V6, V8 - 90° Loop Charged					
184057	18-4057	3.620"	90 - 175 HP .020 - Port	1991-00	**$101.48 H**
184058	18-4058	3.620"	90 - 175 HP .020 - Std.	1991-00	**$101.48 H**
184059	18-4059	3.630"	90 - 175 HP .030 - Port	1991-00	**$107.98 H**
90 - 175 HP					
184102	18-4102	3.530"	120 - 300 HP Loop Charged Port .030	1985-87	**$100.13 H**
184101	18-4101	3.530"	120 - 300 HP Loop Charged Star. .030	1985-87	**$100.13 H**
V6 Cross Flow					
184123	18-4123	3.625"	175 HP - 2.6L Sea Drives Std.	1980-91	**$109.32 H**
184113	18-4113	3.645"	175 HP - 2.6L Sea Drives .020	1980-91	**$109.32 H**
V4, V6, V8 - 90° Loop Charged (Finger Ported)					
184065	18-4065	3.685"	120 - 300 HP Loop Charged Port Std.	1988-92	**$106.55 H**
184066	18-4066	3.685"	120 - 300 HP Loop Charged Star. Std.	1988-92	**$106.55 H**
184068	18-4068	3.715"	120 - 300 HP Loop Charged Star. .030	1988-92	**$106.55 H**

Sierra Mercury/Mariner Pistons



DMI #	MFG #	Bore Size	Application	Years	Price
35 - 140 HP High Dome (Cross Flow)					
184505	18-4505	2.875"	35 - 140 HP High Dome (2 Ring) Std.	1972-90	**$95.90 H**
184152	18-4152	2.890"	35 - 140 HP High Dome (3 Ring) .015	1972-90	**$84.90 H**
50 - 150 HP Low Dome (Cross Flow) (3 Ring)					
184154	18-4154	2.875"	50 - 150 HP Low Dome Std.	1973-90	**$125.58 H**
184155	18-4155	2.890"	50 - 150 HP Low Dome .015	1973-90	**$146.90 H**
70 - 140 HP High Dome - Loop Charged (2 Ring)					
184505	18-4505	2.875"	70 - 140 HP High Dome Std.	1987-91	**$95.90 H**
184520	18-4520	2.890"	70 - 140 HP High Dome .015	1987-91	**$95.90 H**
184535	18-4535	2.905"	70 - 140 HP High Dome .030	1987-91	**$95.90 H**
115 - 150 HP Low Dome - Loop Charged (2 Ring)					
184500	18-4500	2.875"	115 - 150 HP Low Dome Std.	1994-99	**$95.90 H**
184530	18-4530	2.905"	115 - 150 HP Low Dome .030	1994-99	**$95.90 H**
V6 135 - 175 HP Boost Port					
184510	18-4510	3.125"	135 - 175 HP Boost Port Std.	1979-91	**$100.50 H**
184525	18-4525	3.140"	135 - 175 HP Boost Port .015	1979-91	**$90.45 H**
184540	18-4540	3.155"	135 - 175 HP Boost Port .030	1979-91	**$100.50 H**
184560	18-4560	3.140"	135 - 175 HP Boost Star. .015	1979-91	**$102.70 H**
184575	18-4575	3.155"	135 - 175 HP Boost Star. .030	1979-91	**$102.70 H**



Sierra Yamaha Pistons



DMI #	MFG #	Bore Size	Application	Years	Price
40 - 50 HP Loop Charged					
184141	18-4141	STD	40 - 50 HP Loop Charged	1984-88	**$65.25 H**
50 - 90 HP Loop Charged					
184097	18-4097	STD	50 - 90 HP Loop Charged	1993-98	**$79.82 H**
60 - 70 HP Loop Charged					
184091	18-4091	STD	60 - 70 HP Loop Charged	1991-98	**$81.22 H**
184093	18-4093	.050MM	60 - 70 HP Loop Charged	1991-98	**$81.22 H**
V4, V6 115 - 225 HP					
184128	18-4128	STD	115 - 225 HP Port Std.	1984-87	**$86.03 H**
184130	18-4130	.025MM	115 - 225 HP Port .025MM	1984-87	**$84.50 H**
184132	18-4132	.050MM	115 - 225 HP Port .050MM	1984-87	**$86.03 H**
184129	18-4129	STD	115 - 225 HP Star. Std.	1984-87	**$86.03 H**
184133	18-4133	.050MM	115 - 225 HP Star. .050MM	1984-87	**$86.03 H**

MPI Products "Flex" Premium Water Hose



DMI #	MFG #	Size	Size & DMI # f/Hose Clamp		Price
770001	100-0584	5/8"	7/16" - 1-1/16"	**276053**	**$93.95 L**
770013	100-0344	3/4"	7/16" - 1-1/16"	**276053**	**$95.95 L**
770025	100-1004	1"	7/16" - 1-1/4"	**276067**	**$103.95 L**
770037	100-1184	1-1/8"	1/2" - 1-1/2"	**276079**	**$108.95 L**
770049	100-1144	1-1/4"	3/4" - 1-3/4"	**276089**	**$115.95 L**
770051	100-1384	1-3/8"	1" - 2"	**276091**	**$123.95 L**

Series 100 "Flex" Premium Water Hose - Hardwall

A premium water hose that is resilient to sea water, mild acids, toilet effluent, hot engine water and external abrasion. Constructed with helical wire imbedded between 2 plies of rayon cord for maximum flexibility. Green Stripe. Sold in 12-1/2' lengths. Hose clamps sold separately.



DMI #	MFG #	Size	Size & DMI # f/Hose Clamp		Price
770304	110-0584	5/8"	7/16" - 1-1/16"	**276053**	**$94.95 L**
770316	110-0344	3/4"	7/16" - 1-1/16"	**276053**	**$95.95 L**
770328	110-1004	1"	7/16" - 1-1/4"	**276067**	**$111.95 L**
770330	110-1184	1-1/8"	1/2" - 1-1/2"	**276079**	**$120.95 L**
770342	110-1144	1-1/4"	3/4" - 1-3/4"	**276089**	**$133.95 L**
770354	110-1384	1-3/8"	1" - 2"	**276091**	**$149.95 L**

Series 110 "Flex" Premium Water Hose - Softwall

A premium water hose that is resilient to sea water, mild acids, toilet effluent, hot engine water and external abrasion. 2 ply construction where wire helix is not necessary for tight bends. Green Stripe. Sold in 12-1/2' lengths. Hose clamps sold separately.

MPI Products Certified Wet Exhaust Hose



DMI #	MFG #	Size	Size & DMI # f/Hose Clamp		Price
770366	200-1124	1-1/2"	1" - 2"	**276091**	**$138.95 L**
770378	200-1584	1-5/8"	1-1/4" - 2-1/4"	**276104**	**$144.95 L**
770380	200-1344	1-3/4"	1-1/2" - 2-1/2"	**276116**	**$151.95 L**
770392	200-1784	1-7/8"	1-1/2" - 2-1/2"	**276116**	**$157.95 L**
770405	200-2004	2"	1-1/2" - 2-1/2"	**276116**	**$163.95 L**
770417	200-2184	2-1/8"	1-1/2" - 2-1/2"	**276116**	**$182.95 L**
770418	200-2144	2-1/4"	2" - 3"	**276130**	**$214.95 L**
770429	200-2384	2-3/8"	2" - 3"	**276130**	**$237.95 L**
770431	200-2124	2-1/2"	2" - 3"	**276130**	**$248.95 L**
770443	200-2784	2-7/8"	2-1/2" - 3-1/2"	**276142**	**$264.95 L**
770455	200-3004	3"	2-1/2" - 3-1/2"	**276142**	**$275.95 L**
770467	200-3184	3-1/8"	3" - 4"	**276154**	**$311.95 L**
770479	200-3124	3-1/2"	3" - 4"	**276154**	**$335.95 L**
770481	200-4004	4"	3-1/2" - 4-1/2"	**276166**	**$353.95 L**
770493	200-4124	4-1/2"	4" - 5"	**276178**	**$490.95 L**
770506	200-5004	5"	4-1/2" - 5-1/2"	**276180**	**$504.95 L**
770518	200-6004	6"	5-1/2" - 6-1/2"	**276205**	**$666.95 L**

Series 200 Certified Wet Exhaust Hose - Softwall

Certified wet exhaust, heavy wall. Resists heat, ozone and all exhaust by-products. Meets or exceeds USCG and ABYC standards for wet exhaust service. Recommended for short straight connections. Blue stripe. Sold in 12-1/2' lengths. Hose clamps sold separately.



Series 250

Series 252

DMI #	MFG #	Size	Size & DMI # f/Hose Clamp		Price
770063	250-1124	1-1/2"	1" - 2"	**276091**	**$131.95 L**
770075	250-1584	1-5/8"	1-1/4" - 2-1/4"	**276104**	**$146.95 L**
770087	250-1344	1-3/4"	1-1/2" - 2-1/2"	**276116**	**$150.95 L**
770099	250-1784	1-7/8"	1-1/2" - 2-1/2"	**276116**	**$152.95 L**
770102	250-2004	2"	1-1/2" - 2-1/2"	**276116**	**$159.95 L**
770126	250-2384	2-3/8"	2" - 3"	**276130**	**$209.95 L**
770138	250-2124	2-1/2"	2" - 3"	**276130**	**$226.95 L**
770140	250-2784	2-7/8"	2-1/2" - 3-1/2"	**276142**	**$278.95 L**
770152	250-3004	3"	2-1/2" - 3-1/2"	**276142**	**$298.95 L**
770164	250-3184	3-1/8"	3" - 4"	**276154**	**$266.95 L**
770176	250-3124	3-1/2"	3" - 4"	**276154**	**$323.95 L**
770188	250-4004	4"	3-1/2" - 4-1/2"	**276166**	**$407.95 L**
770215	250-6004	6"	5-1/2" - 6-1/2"	**276205**	**$630.95 L**
770239	252-2004	2" Corr.	1-1/2" - 2-1/2"	**276116**	**$258.95 L**
770241	252-3004	3" Corr.	2-1/2" - 3-1/2"	**276142**	**$348.95 L**

Series 250/252 Certified Wet Exhaust Hose - Hardwall

Certified wet exhaust, heavy wall with helical wire reinforcement between 4 plies of Rayon fabric. Resists heat, ozone and all exhaust by-products. Meets or exceeds USCG and ABYC standards for wet exhaust service. Recommended for all exhaust hose applications. Series 252. Corrugated Exhaust available for severe bend applications. Blue stripe. Sold in 12-1/2' lengths. Hose clamps sold separately.

Sierra Exhaust Flapper Valves



Sierra Exhaust Flapper Valves

Specially compounded rubber flapper valves designed to prevent water from entering the exhaust system in following seas or when backing down. Made with weather resistant EPDM with UV stabilizer. Includes stainless steel hose clamps.

184456 (18-4456) 3" **$23.73 H**
184457 (18-4457) 4" **$26.20 H**
184458 (18-4458) 5" or 6" **$43.42 H**

Buck-Algonquin Transom Exhausts

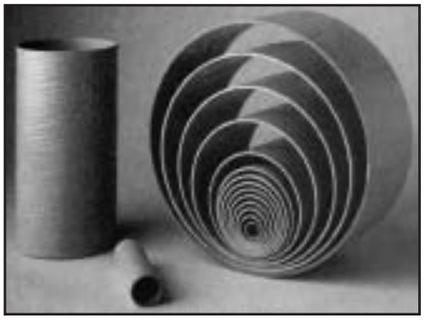


DMI #	MFG #	Hose Shank OD	Length	Flange OD	Flange Angle
260719	TE-300	3"	5"	5"	8°
260733	TE-400	4"	4-3/4"	7"	16°

Buck-Algonquin Transom Exhausts

260719 (TE-300) Cast Bronze **$106.95 G**
260733 (TE-400) Cast Bronze **$177.95 G**

Fiberglass Tubing



Fiberglass Tubing is Priced by the Foot. Sold in 10' Lengths only.

675398 (EW-050-0010) 5" x 10' **$19.95 G**

Centek Vernalift Muffler

NEW ITEM



Centek Vernalift Muffler

Side angle in/top out. Applications: Inboards, sailboats and generators. Fuel type: Gas/Diesel. Waterline: Above or Below. Sound rating: Better.

675133 (1500223) 1.5" Inlet/Outlet O.D. 8" Height x 8.36" Dia. **$154.95 G**

Centek Vernatone Round Mufflers



Centek Vernatone Round Mufflers

Application: All Inboards. Fuel type: Gas/Diesel. Waterline: Above only. Sound rating: Good. **NOTE:** For V-Block engines where twin exhaust lines are desired, divide the H.P. by two and then match to the appropriate size.

675100 (1000108) 5" Inlet/Outlet O.D. 38.75" L x 11" Dia. **$363.95 G**
675112 (1000111) 6" Inlet/Outlet O.D. 41.50" L x 12.20" Dia. **$500.95 G**
675124 (1000119) 8" Inlet/Outlet O.D. 52.75" L x 16.21" Dia. **$863.95 G**



Centek Vernatone MKII Round Mufflers

Application: All Inboards. Fuel type: Gas/Diesel. Waterline: Above only. Sound rating: Better. **NOTE:** For V-Block engines where twin exhaust lines are desired, divide the H.P. by two and then match to the appropriate size.

675162 (1400006) 5" Inlet/Outlet O.D. 31.50" L x 10.04" Dia. **$417.95 G**
675175 (1400007) 6" Inlet/Outlet O.D. 38" L x 12.50" Dia. **$552.95 G**
675189 (1400008) 8" Inlet/Outlet O.D. 50.50" L x 16.25" Dia. **$972.95 G**
675198 (1400009) 10" Inlet/Outlet O.D. 63" L x 18.50" Dia. **$1,738.95 G**

Centek Mufflers and Accessories



Centek Gen-Sep™ Gas/Water Separation Muffler

Separation systems are very effective where engines are located amidships or well forward in the hull and extremely effective in reducing exhaust noise. The Gen-Sep is used in conjunction with a Vernalift muffler on generator sets. The water drain from the Gen-Sep can be located below the waterline to eliminate irritating water splash during overnight moorings.

675136 (1020200) 2″ Inlet/Outlet O.D. 1.5″ Water Drain **$278.95 G**

Centek Centubular Mufflers

Centubular wet exhaust mufflers incorporate the features of the Vernatone muffler into one long slender tube. Due to its minimal baffling, this muffler is recommended only where severe space restricitons mandate its use. Typical installations include sportfish boats where most space is allocated to increased fuel carrying capacity. Applications: Inboard power vessels with space restrictions. Fuel type: Gas or diesel. Above Waterline installation only. Sound rating: Fair.

675148 (1060600) 6″ Inlet/Outlet O.D. Length 42″ **$1,143.95 G**
675150 8″ Inlet/Outlet O.D. **$1,506.95 G**



Centek Vernatube

It is a resin-impregnated glass filament wound tubing wound exclusively with a fire retardant resin formulated for high temperature applications. Used to fabricate many of the basic components used to manufacture our wet marine exhaust systems. Exceeds values for the class of materials designated as "self-extinguishing". The smooth, resin-rich I.D. assures minimal restriction to exhaust gases and cooling water flowing through the tubing. Precise control of the outside diameter ensures ease of connecting mating ports with marine exhaust hose. **Warning:** Vernatube should never be installed in an exhaust system where structural loads from the boat/vessel might be transferred to the tube producing stress. Such stress could result in damage or failure of the tube or other components of the system.

675368 (1100525) Nominal O.D. 1″ Nominal Wall .104″ **$8.95 G**
675372 (1100512) Nominal O.D. 2″ Nominal Wall .125″ **$11.95 G**
675390 (1100507) Nominal O.D. 6″ Nominal Wall .148″ **$24.95 G**
675403 (1100508) Nominal O.D. 8″ Nominal Wall .154″ **$43.95 G**
675415 (1100509) Nominal O.D. 10″ Nominal Wall .160″ **$61.95 G**



Centek Fittings

Exhaust systems fittings are made of the same fiberglass and fire retardant resins used to produce Vernatube, our UL listed tubing line. The fittings are light-weight, strong, non-corroding, and durable. Fittings are easy to install and OD's are compatible with approved marine rubber exhaust hose.

45° Standard Elbows

675423 (1200192) Nominal O.D. 2″ Length 6.75″ **$30.95 G**
675439 (1200114) Nominal O.D. 6″ Length 15.38″ **$99.95 G**
675441 (1200216) Nominal O.D. 8″ Length 19.31″ **$213.95 G**

90° Standard Elbows

675453 (1200200) Nominal O.D. 2″ Length 5.75″ **$38.95 G**
675465 (1200175) Nominal O.D. 5″ Length 12.25″ **$106.95 G**
675477 (1200162) Nominal O.D. 6″ Length 14.00″ **$138.95 G**
675489 (1200197) Nominal O.D. 8″ Length 18.12″ **$273.95 G**

Reducer Couplings

675491 (1200148) Nominal O.D. 5″ to 6″ Length 14″ **$78.95 G**
675504 (1200166) Nominal O.D. 6″ to 8″ Length 18″ **$143.95 G**
675516 (1200259) Nominal O.D. 8″ to 10″ Length 22″ **$214.95 G**

Surge Chambers

675530 (1200364) Nominal O.D. 5″ 21.50″ L x 13.50″ H **$241.95 G**
675542 (1200365) Nominal O.D. 6″ 25″ L x 15.90″ H **$267.95 G**
675554 (1200366) Nominal O.D. 8″ 32″ L x 20.75″ H **$312.95 G**
675566 (1200367) Nominal O.D. 10″ 39″ L x 25.56″ H **$456.95 G**

Thru Hull Fitting with Flapper

675528 (1200342) Nominal O.D. 5″ 9.06″ L x 7.50″ Dia. **$98.95 G**

Hotshield Commercial Fiberglass Muffler/Manifold Wrap

Each roll is quality heat resistant fiberglass wrap and includes a 10′ coil of stainless locking wire to secure the tape in place. Temperature limit 750° F. 1/8″ x 3″ x 100′.



380167 (20003) **$41.95 E**

Propeller Crossover Chart

E Series (Most V6 OB's, Most I/O's)

Engine	Prefix	Also Fits
Mercury/Mariner	15	Honda
Evinrude/Johnson	25	Only
Yamaha	35	Only
Suzuki	45	Only
Honda	15	Mercury/Mariner

D Series (60 - 140 HP)

Engine	Prefix	Also Fits
Mercury/Mariner	14	Honda
Evinrude/Johnson	24	Only
Yamaha	34	Suzuki (4 Stroke), Tohatsu, Nissan
Suzuki (2 Stroke)	44	Only
Suzuki (4 Stroke)	34	Yamaha, Tohatsu, Nissan
Tohatsu, Nissan	34	Yamaha, Suzuki (4 Stroke)
Honda	14	Mercury/Mariner

C Series (40 - 75 HP)

Engine	Prefix	Also Fits
Mercury/Mariner	13	Only
Evinrude/Johnson	23	Only
Yamaha	33	Honda
Suzuki (2 and 4 Stroke)	43	Only
Tohatsu, Nissan	53	Only
Honda	33	Yamaha

B Series (20 - 30 HP)

Engine	Prefix	Also Fits
Mercury/Mariner	12	Only
Evinrude/Johnson	22	Only
Evinrude/Johnson (4 Stroke)	42	Suzuki
Yamaha	32	Only
Suzuki	42	Evinrude/Johnson (4 Stroke)
Tohatsu, Nissan	52	Honda
Honda	52	Tohatsu, Nissan

A Series (9 - 15 HP)

Engine	Prefix	Also Fits
Mercury/Mariner	11	Only
Evinrude/Johnson	21	Only
Evinrude/Johnson (4 Stroke)	41	Suzuki
Yamaha	31	Honda
Suzuki	41	Evinrude/Johnson (4 Stroke)
Tohatsu, Nissan	51	Only
Honda	31	Yamaha

Yamaha Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
9, 9, 15,		10	5	R	4	866788				
F9, F15	683-45947-00-EL	9.3	8	R	3		348121	870205		
	683-45945-00-EL	9.3	9	R	3	866744	348133			
	683-45952-00-EL	9.3	10	R	3	866751	348145	870229		
20, 25, 30,	664-45945-00-EL	9.9	10	R	3	866775	348183	870255		862018
F25,	664-45954-00-EL	9.9	12	R	3	866787	348195	870279		862032
THRU HUB	664-45952-00-EL	10	14	R	3			870293		862044
F30, F40,	663-45954-01-EL	11.4	10	R	3	866791	348222			
40, 48, 50,	663-45947-02-EL	11.6	11	R	3	866792	348234	870320		
55, 60,	663-45952-02-EL	11.4	12	R	3	866802	348246	870332		862056
F50, F60	663-45954-02-EL	11.1	13	R	3	866813	348258	870344		862068
	663-45958-01-EL	11.1	14	R	3	866826	348260	870356		862070
	663-45943-02-EL	11	15	R	3	866828	348272	870368		862082
50, 60, 70,	6E5-45954-00-EL	14	11	R	3	866830	348335	870394		
80FS, 100FS,	6E5-45947-00-EL	13.8	13	R	3	866831	348359	870407		
75, 80,	6E5-45945-01-EL	13.5	15	R	3	866840	348361	870419		862284
85, 90,		13.25	15	L	3					862347
115, 130,	6E5-45941-00-EL	13.3	17	R	3	866864	348373	870421	873869	862296
115FS		13.25	17	L	3					862356
	6E5-45943-00-EL	13	19	R	3	866888	348385	870433	873871	862309
		13.25	19	L	3					862361
	6E5-45952-00-EL	13	21	R	3	866890	348397	870445	873883	862311
									HR TITAN 4	
		13.3	15	R	4				**871156**	
		13	17	R	4				**871168**	
		13	19	R	4				**871170**	

How to Select Your Stiletto Propeller

Step 1. Determine the recommended RPM operating range at wide open throttle (WOT), by consulting your engine owner's manual or dealer.

Step 2. To determine the maximum operating RPM, for your boat/motor combination at WOT, run the boat with its normal load and weight distribution. It is necessary to use a tachometer to determine the WOT RPM. For best results adjust the motor trim angle.

Step 3. If the indicated RPM's at WOT are not within the manufacturer's recommended maximum RPM, then note the tachometer reading and determine the difference from the manufacturer's recommended maximum RPM.

Step 4. The resulting difference can be corrected by selecting a propeller with a pitch difference of 1" for every 200 RPM variance. (Example: If the WOT RPM reading is 400 less than recommended, then select a propeller with 2" less pitch. If the WOT RPM reading is 400 greater then recommended, then select a propeller with 2" more pitch.) This generally accepted formula should correct the RPM variance in most applications. These guidelines are only recommendations; they are not restrictions since boats and their operating conditions may vary. Remember that the matching of your boat and engine to the proper propeller will make a significant difference. You'll enjoy boating even more because your engine is running stronger and more efficiently.

Yamaha Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
150, 175,		16	11	R	3		346165			
200, 225,		16	13	R	3		346177			862436
250, 200FS,	6G5-45941-00-98	15.3	15	R	3		346052	870558		862448
225FS,		14.8	16	R	3				870851	
ALL V-6		14.5	17	R	3		348462			
GEARCASES	6G5-45947-01-98	15	17	R	3	866903	346064	870560		862450
		15	17	L	3			870623		862549
		14.8	18	L	3				870940	
		14	19	R	3		348474			
	6G5-45945-01-98	14.8	19	R	3	866927	346076	870572		862462
		14.8	19	L	3			870635		862551
	6G5-45943-01-98	14.5	21	R	3	866941	346088	870584		862474
		14.5	21	L	3			870647		862563
	6G5-45949-00-98	14.3	23	R	3					862486
									HR TITAN 4	
		14.5	15	R	4				**871257**	
		14.3	17	R	4				**871269**	
		14.1	19	R	4				**871271**	
		14	21	R	4				**871283**	
								LEXOR		
		15.75	15	R	3			871459		
		15.5	17	R	3			871473		
		15.5	17	L	3			871586		
		15.25	19	R	3			871497		
		15.25	19	L	3			871601		
		15	21	R	3			871512		
		15	21	L	3			871613		

SOLAS

NEW ITEM

Solas Yamaha
Prop Display - Aluminum and Stainless Steel

866792	3311-116-11	Prop - Aluminum (11.6 x 11)	Qty. 1
866813	3311-111-13	Prop - Aluminum (11.1 x 13)	Qty. 1
866828	3311-110-15	Prop - Aluminum (11 x 15)	Qty. 1
866840	3411-135-15	Prop - Aluminum (13.5 x 15)	Qty. 1
866864	3411-133-17	Prop - Aluminum (13.3 x 17)	Qty. 1
866888	3411-130-19	Prop - Aluminum (13 x 19)	Qty. 1
866903	3511-148-17	Prop - Aluminum (15 x 17)	Qty. 1
866927	3511-145-19	Prop - Aluminum (14.8 x 19)	Qty. 1
866941	3511-143-21	Prop - Aluminum (14.5 x 21)	Qty. 1
870320	3331-116-11	Prop - Stainless Steel (11.6 x 11)	Qty. 1
870344	3331-111-13	Prop - Stainless Steel (11.1 x 13)	Qty. 1
870368	3331-110-15	Prop - Stainless Steel (11 x 15)	Qty. 1
870419	3431-135-15	Prop - Stainless Steel (13.5 x 15)	Qty. 1
870421	3431-133-17	Prop - Stainless Steel (13.3 x 17)	Qty. 1
870433	3431-130-19	Prop - Stainless Steel (13 x 19)	Qty. 1
870560	3531-143-17	Prop - Stainless Steel (15 x 17)	Qty. 1
870572	3531-140-19	Prop - Stainless Steel (14.8 x 19)	Qty. 1
870584	3531-140-21	Prop - Stainless Steel (14.5 x 21)	Qty. 1





878802 **$3,306.95 C**

Mercury Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
4, 4.5, 7.5		9	7	R	3		345745			
8, 10		9	9	R	2		345757			
6, 9.9, 10, 15		10	5	R	4	865999				
THRU HUB	48-828154A12	9.3	8	R	3			867006		
	48-828156A12	9.3	9	R	3	866004	345606			
	48-828158A12	9.3	10	R	3			867020		
MERC 20	48-33480A1	10	9	R	3		345644			
163-81	48-86962A4	9.8	8	R	3		345656			
9.9, 15	48-19638A40	10.5	11	R	3	866016	345682			
4-STROKE	48-19639A40	10.3	12	R	3	866028		867056		857497
18, 20, 25	48-19640A40	10.1	13	R	3	866042	345694	867070		
	48-19642A40	10	14	R	3	866066		867082		857498
		10	15					867098		
25, 28, 30		9.9	10	R	3	866775	348183	870255		862018
THRU HUB		9.9	12	R	3	866787	348195	870279		862032
ALSO FITS		10	14	R	3			870293		862044
YAM. 20-30,		12.5	8			866078	345808			
40-50		11.3	10				345896			
1970-73,	48-85632A40	12	10	3	3	866079	348222			
30, 35, 40, 45		10.8	11				345900			
50, 55, 60, 70	48-816702A40	11.8	11	R	3	866080	348234	866953		
		10.7	12				345909			
	48-816704A40	11.4	12	R	3	866092	348246			857500
		10.3	13				345911			
		10.5	13				345861			
	48-816706A40	11.1	13	R	3	866117	348258	866965		857512
		10.2	14				345923			
		10.3	14				345872			
	48-73140A40	11.1	14	R	3	866131	348260			857524
		10.1	15				345935			
	48-19640A40	11	15	R	3	866155	348272	866977		857536
		10	17				345947			

SOLAS

NEW ITEM





Solas Mercury
Prop Display - Aluminum and Stainless Steel

866080	1311-116-11	Prop - Aluminum (11.8 x 11)	Qty. 1
866117	1311-111-13	Prop - Aluminum (11.1 x 13)	Qty. 1
866155	1311-110-15	Prop - Aluminum (11 x 15)	Qty. 1
866181	1411-135-15	Prop - Aluminum (13.5 x 15)	Qty. 1
866206	1411-133-17	Prop - Aluminum (13.3 x 17)	Qty. 1
866220	1411-130-19	Prop - Aluminum (13 x 19)	Qty. 1
866307	1511-148-17	Prop - Aluminum (14.3 x 17)	Qty. 1
866321	1511-145-19	Prop - Aluminum (14 x 19)	Qty. 1
866345	1511-143-21	Prop - Aluminum (14 x 21)	Qty. 1
866953	1331-116-11	Prop - Stainless Steel (11.8 x 11)	Qty. 1
866965	1331-111-13	Prop - Stainless Steel (11.1 x 13)	Qty. 1
866977	1331-110-15	Prop - Stainless Steel (11 x 15)	Qty. 1
867171	1431-135-15	Prop - Stainless Steel (13.5 x 15)	Qty. 1
867188	1431-133-17	Prop - Stainless Steel (13.3 x 17)	Qty. 1
867195	1431-130-19	Prop - Stainless Steel (13 x 19)	Qty. 1
867246	1531-143-17	Prop - Stainless Steel (14.3 x 17)	Qty. 1
867260	1531-140-19	Prop - Stainless Steel (14 x 19)	Qty. 1
867284	1531-140-21	Prop - Stainless Steel (14 x 21)	Qty. 1

878803 **$3,306.95 C**

Mercury Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
40, 50		12	10	R	3	866079				
4-STROKE,	48-77338A45	14	11	R	3	866167	346952			
60, 70, 75,	48-77340A45	13.8	13	R	3	866179	346963			
80, 90, 100,	48-77338A45	13.5	15	R	3	866181	345973	867171		858007
115, 115	48-77338A45	13.3	17	R	3	866206	345985	867188		858019
4-STROKE,	48-77338A45	13	19	R	3	866220	345997	867195		858021
125,140	48-77338A45	13	21	R	3	866244	346002	867208		858033
									HR TITAN 4	
		13.3	15	R	4				**868116**	
		13	17	R	4				**868091**	
		13	19	R	4				**868070**	
		13	21	R	4				**868084**	
135, 150, 175, 200, 220, 225, 250, 275, 300		16	13	R	3		346177			
MERCRUISER		16	13	R	3	866270				
ALPHA ONE	48-78116A45	14.5	15	R	3		346052	867222		858196
4.3, 5.0, 5.7		15.3	15	R	3	866282				
BRAVO ONE		15.8	15	R	3	866294				
5.0, 5.7		16	16	R	3		346141			862549
	48-832832A45	14.3	17	R	3	866307		867246		858209
		14.3	17	L	3			868832		858273
		14.5	17	R	3		346064			
		15	17	R	3	877805	346191			
		15.3	19	R	3	877817				
		15.3	21	R	3	877829				
	48-832830A45	14	19	R	3	866321	346076	867260		858211
		14	19	L	3			868844		858285
		14.5	19	R	3		346204			
	48-832832A45	14	21	R	3	866345	346088	867284		858223
		14	21	L	3			868856		858297
		14.3	21	R	3		346216			
		14.3	22	R	3			867295		
	48-832834A45	14	23	R	3					858235
									HR TITAN 4	
		14.5	15	R	4				**868464**	
		14.3	17	R	4				**868476**	
		14.1	19	R	4				**868488**	
		14	21	R	4				**868490**	
								LEXOR		
		15.75	15	R	3			869202		
		15.5	17	R	3			869226		
		15.5	17	L	3			869339		
		15.25	19	R	3			869240		
		15.25	19	L	3			869353		
		15	21	R	3			869264		
		15	21	L	3			869365		

Johnson/Evinrude Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
4, 6, 7.5, 8, PIN DRIVE		8.5	9	R	3		346684			
6, 9, 10, 14, 15, NON THRU HUB	387334	8.2	8	R	3		346925			
	377635	8.2	8.5	R	3		346913			
9.9, 15, THRU HUB EXHAUST		10	5	R	4	866371				
		9.3	8	R	3	866383		867309		
		9.3	10	R	3	866408	346951	867315		
15, 18, 20, 25 NON THRU HUB PIN DR		9	9	R	3		347028			
		9	10	R	3		347030			
		9.2	11	R	3		347042			
14, 25, 28, NON THRU HUB SPLINE		9	10	R	3		347092			
		9.3	11	R	3		347105			
		9.3	12	R	3		347117			
20, 25, 30, 35, THRU HUB		11	9	R	3	866395	347218			
		10.8	10	R	3			867323		
		10.5	11	R	3	866422	347220	867329		
		10.3	12	R	3	866446		867338		
		10.1	13	R	3	866460	347232			
		10	14	R	3	866484		867347		
		10	15	R	3	866496	347244			
40, 58, 50, 55, 60, 70, THRU HUB		10	5	R	4	866371				
		13	11	R	3	866505	347282			
		12.5	13	R	3		347294			
		12.5	13C	R	3	866509		867359		
		12.3	15C	R	3	866523	347333	867366		860154
		12	17C	R	3	866547	347346			860178
		12	17	R	3			867373		
		11	19C	R	3					860191



NEW ITEM

BMC Display - Aluminum and Stainless Steel

866509	2311-125-13	Prop - Aluminum (12.5 x 13)	Qty. 1
866523	2311-123-15	Prop - Aluminum (12.3 x 15)	Qty. 1
866547	2311-120-17	Prop - Aluminum (12 x 17)	Qty. 1
866573	2411-135-15	Prop - Aluminum (13.5 x 15)	Qty. 1
866597	2411-133-17	Prop - Aluminum (13.3 x 17)	Qty. 1
866612	2411-130-19	Prop - Aluminum (13 x 19)	Qty. 1
866674	2511-148-17	Prop - Aluminum (14.3 x 17)	Qty. 1
866698	2511-145-19	Prop - Aluminum (14 x 19)	Qty. 1
866713	2511-143-21	Prop - Aluminum (14 x 21)	Qty. 1
867359	2331-125-13	Prop - Stainless Steel (12.5 x 13)	Qty. 1
867366	2331-123-15	Prop - Stainless Steel (12.3 x 15)	Qty. 1
867373	2331-120-17	Prop - Stainless Steel (12 x 17)	Qty. 1
867409	2431-135-15	Prop - Stainless Steel (13.5 x 15)	Qty. 1
867412	2431-133-17	Prop - Stainless Steel (13.3 x 17)	Qty. 1
867424	2431-130-19	Prop - Stainless Steel (13 x 19)	Qty. 1
867450	2531-143-17	Prop - Stainless Steel (14.3 x 17)	Qty. 1
867474	2531-140-19	Prop - Stainless Steel (14 x 19)	Qty. 1
867498	2531-140-21	Prop - Stainless Steel (14 x 21)	Qty. 1

878804 **$3,306.95 C**

Johnson/Evinrude Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
40, 45, 50,	382761	14	11	R	3	866551	347368			
55, 60, 65	391668	13.8	13	R	3	866636	347372			
WITH LARGE	391198	13.5	15	R	3	866573	347383	867409		860292
GEARCASE	176214	13.3	17	R	3	866597	347395	867412		860305
70, 75 THRU	176215	13	19	R	3	866612	347408	867424		860317
140	176216	13	21	R	3	866624	347410	867436		860329
									HR TITAN 4	
		13.3	15	R	4	873340			**868190**	
		13	17	R	4	873352			**868214**	
		13	19	R	4	873364			**868227**	
		13	21	R	4	873376			**868236**	
100 THRU	391535	14.5	15	R	3	866650	347663	867448		860379
150 COMM.	391200	14.3	17	R		866674	347674	867450		860381
150, 175, 200										
275, 300										
V6		14.3	17	L	3					860467
GEARCASE	391201	14	19	R	3	866698	347686	867474		860393
		14	19	L	3					860470
	391202	14	21	R	3	866713	347698	867498		860406
		14	21	L	3					860482
	391203	14	23	R	3					860418
									HR TITAN 4	
		14.3	17	R	4				**868541**	
		14.1	19	R	4				**868553**	
		14	21	R	4				**868565**	
								LEXOR		
		15.5	17	R	3			869416		
		15.25	19	R	3			869430		

Volvo/Cobra SX Drives Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
Fits Volvo SX		14.8	17	R	3	880179				862892
and OMC		15.5	17	R	3	880220				
Cobra SX		14.5	19	R	3	880193				862905
Drives		15.3	19	R	3	880232				
		14.3	21	R	3	880218				862917
		15.3	21	R	3	880244				
		14.25	23	R	3					862929

Nissan/Tohatsu Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
8, 9.9, 20		8.5	8	R	3	877158				
25, 30		10	9	R	3	875205		867892		
ALSO FITS		10	11	R	3	875229		867917		
HONDA		10	13	R	3	875243		867931		
20, 30										
60, 70, 90		13.8	13	R	3	866831				
120, 140		13.5	14.6	R	3					
ALSO FITS		13.5	15	R	3	866840		870419		862284
YAMAHA		13.3	17	R	3	866864		870421		862296
50 THRU 130		13	19	R	3	866888		870433		862309
		13	21	R	3			870445		862311
									HR TITAN 4	
		13.3	15	R	4				**871156**	
		13	17	R	4				**871168**	
		13	19	R	4				**871170**	

Force/Chrysler/US Marine Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
25 HP 3 CYL.		10.4	11	R	3		345682			
1995-98		10.4	13	R	3		345694			
40, 50,		12.5	8	R	3		345808			
70, 75,		11.3	10	R	3		345896			
THRU HUB		10.9	11	R	3		345900			
EXHAUST		10.8	11	R	3		348234			
		10.6	12	R	3		345909			
		14.8	12	R	3	866092	348246			857500
		10.4	13	R	3		345911			
		10.5	13	R	3		345861			
		14	13	R	3	866117	348258			857512
		10.3	14	R	3		345923			
		14.5	14	R	3		345872			
		14.8	14	R	3	866131	348260			857524
		10.1	15	R	3		345935			
		14.8	15	R	3	866155	348272			857536
		10	17	R	3		345947			

Honda Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
8, 9.9, 10, 15	85130-ZV4-703ZB	9.3	8	R	3		348121	870205		
	85130-ZV4-701ZA	9.3	9	R	3		348133			
	85130-ZV4-030ZA	9.3	10	R	3		348145	870229		
20, 25, 30	58130-ZV7-860ZB	10	9	R	3			867892		
		10	11	R	3			867917		
		10	13	R	3			867931		
35, 40, 45, 50		12.3	10	R	3		348222			
		11.6	11			866792	348234			
		11.5	12	R	3	866802	348246			862056
		11.1	13	R	3	866813	348258			862068
		11.1	14	R	3	866826	348260			862070
		11	15	R	3		348272			862082
75, 90, 115, 130 ALSO FITS MERC 40-125		14	11	R	3	866167	346952			
		13.8	13	R	3	866179	346963			
		13.5	15	R	3	866181	345973	867171		858007
		13.3	17	R	3	866206	345985	867188		858019
		13	19	R	3	866220	345997	867195		858021
		13	21	R	3	866244	346002	867208		858033
		12.5	23	R						858034
175, 200, 225 ALSO FITS ALL V6 MERCS AND ALPHA 1 I/O'S		16	13	R	3		346177		**HR TITAN 4**	
		13.3	15	R	4				**868116**	
		13	17	R	4				**868091**	
		13	21	R	4				**868084**	
		14.5	15	R	3	866282	345973, 346052	867222		858196
		14.3	17			866307	345985, 346064	867246		858209
		14.3	17	L	3					858273
		15.5	17	R	3	877805	346191			
		14	19	R	3	866321	345997, 346096	867260		858211
		14	19	L	3					858285
		15.3	19	R	3	877817	346204			
		14	21	R	3	866345	346088	867284		858223
		14	21	L	3					858297
		15.3	21	R	3	877829	346216			
									HR TITAN 4	
		14.5	15	R	4				**868464**	
		14.3	17	R	4				**868476**	
		14.1	19	R	4				**868488**	



Solas Saturn



Solas Amita



Solas New Saturn

Suzuki Fixed Hub Propellers

HORSEPOWER	O/E #	DIA	PTC	RO	BL	SOLAS ALUM	MICH ALUM	SOLAS S/S	HR TITAN 3	STILETTO
9, 9.9, 15 4-Stroke		10	5	R	4	873009				
	58100-93723-019	9.3	9	R	3	873011				
		9.3	11	R	3	873035				
20, 25, 30		10.5	11			873073				
25DF, 30DF 4-Stroke		10.1	13			873097		873580		
35, 40, 50		12	10	R	3		348222			
55, 60, 65		11.8	11	R	3		348234			
DF40, DF50		11.4	12	R	3		348258			857500*
4-Stroke		11.1	13	R	3	873201		873667		857512*
		11.1	14	R	3		348260			857524*
		11	15	R	3	873225	348272			857536*
75, 85, 90,		13.3	15	R	3			873720		
100, 115, 140,		13	17	R	3	873302		873732		
DF60, DF70,		13	19	R	3	873314				
4-Stroke										
DF90, DF115,		13.8	13	R	3	866831	348359			
DF140,		13.5	15	R	3	866840	348361			
4-Stroke		13.3	17	R	3	866864	348373			
		13.9	17	R	3				873869	
		13.8	15	R	4	873340				
		13.8	17	R	4	873352				
		13.8	19	R	4	873364				
		13.8	21	R	4	873376				
		13	19	R	3	866888	348385			
		13.9	19	R	3				873871	
		12.7	21	R	3		348397			
		13.9	21	R	3				873883	
150, 175,		15.0	17	R	3	873388				
200, 225		14.8	19	R	3	873390				
									HR TITAN 4	
		14.5	15	R	4				**874265**	
								LEXOR		
		15.75	15	R	3			873112		
		15.5	17	R	3			873124		
		15.5	17	L	3			873186		
		15.25	19	R	3			873148		
		15.25	19	L	3			873198		
		15	21	R	3			873162		
		15	21	L	3			873199		

*Will not work with 4-Strokes.

Michigan Propellers by Manufacturer's Part Number Listing

Michigan #	DMI #	Price
100	358045	$43.95 C
101	358057	$43.95 C
102	358007	$43.95 C
103	358108	$43.95 C
104	358273	$43.95 C
105	358300	$43.95 C
106	358033	$43.95 C
107	358184	$43.95 C
108	358095	$43.95 C
109	358235	$43.95 C
110	358261	$43.95 C
111	358021	$31.95 C
112	358224	$31.95 C
113	358172	$31.95 C
114	357992	$31.95 C
115	358259	$31.95 C
116	358211	$31.95 C
117	358083	$31.95 C
118	358019	$31.95 C
119	358160	$31.95 C
120	357980	$31.95 C
121	358247	$31.95 C
122	358209	$31.95 C
123	358071	$31.95 C
124	358110	$41.95 C
125	358285	$43.95 C
126	358297	$43.95 C
011001	347372	$138.95 C
011002	347383	$138.95 C
011003	347395	$138.95 C
011004	347408	$138.95 C
011005	347410	$138.95 C
011006	347663	$155.95 C
011007	347674	$155.95 C
011008	347686	$155.95 C
011009	347698	$155.95 C
011027	347333	$120.95 C
011028	347346	$120.95 C
012007	346925	$90.95 C
012008	346913	$90.95 C
012011	347030	$94.95 C
012013	347042	$94.95 C
012015	347092	$94.95 C
012016	347105	$94.95 C
012030	347117	$94.95 C
012032	346684	$85.95 C
012036	347282	$120.95 C
012037	347294	$120.95 C
012047	347368	$140.95 C
012054	347218	$104.95 C
012055	347220	$104.95 C
012056	347232	$104.95 C
012057	347244	$104.95 C
012109	347028	$94.95 C
012111	346951	$94.95 C
022002	348183	$109.95 C
022003	348195	$109.95 C
031015	345896	$135.95 C
031016	345909	$135.95 C
031017	345911	$135.95 C
031018	345923	$135.95 C
031019	345935	$135.95 C
031020	345947	$135.95 C
031022	346177	$171.95 C
031023	346052	$171.95 C
031024	346064	$156.95 C
031025	346076	$156.95 C
031026	346088	$156.95 C
031041	345973	$145.95 C
031042	345985	$145.95 C
031043	345997	$145.95 C
031044	346002	$145.95 C
031048	345694	$114.95 C
031049	345682	$114.95 C
031051	346141	$162.95 C
031053	345900	$135.95 C
031054	346952	$145.95 C
031055	346963	$145.95 C
031057	345861	$135.95 C
031058	345872	$135.95 C
031064	346191	$156.95 C
031065	346204	$156.95 C
031066	346216	$156.95 C
032020	345745	$120.95 C
032021	345757	$120.95 C
032040	348272	$137.95 C
032041	348260	$137.95 C
032042	348258	$137.95 C
032043	348246	$137.95 C
032044	348234	$137.95 C
032045	348222	$137.95 C
032052	345606	$93.95 C
032135	345656	$113.95 C
032136	345644	$113.95 C
032141	345808	$137.95 C
033123	386816	$248.95 E
033163	386525	$220.95 E
033164	386537	$220.95 E
033165	386549	$220.95 E
033166	386551	$220.95 E
101027	348462	$140.95 C
101028	348474	$140.95 C
101031	348359	$127.95 C
101032	348361	$127.95 C
101033	348373	$127.95 C
101034	348385	$127.95 C
101035	348397	$127.95 C
101036	348335	$127.95 C
102003	348121	$111.95 C
102004	348133	$110.95 C
102005	348145	$110.95 C
103103	387604	$241.95 E
103123	387678	$248.95 E
103163	387363	$220.95 E
103164	387375	$220.95 E
103165	387387	$220.95 E
161003	350330	$147.95 C
161004	350342	$147.95 C
310661	342206	$558.95 C
635101	342357	$511.95 C
992002	358704	$105.95 C
992003	358716	$105.95 C
992004	358728	$105.95 C
992005	358730	$105.95 C
992006	358742	$105.95 C
992113	358502	$97.95 C
992114	358514	$97.95 C
992115	358538	$97.95 C
992116	358539	$97.95 C
992202	358906	$119.95 C
992203	358918	$119.95 C
992204	358920	$119.95 C
992301	358451	$64.95 C
992302	358463	$64.95 C
992303	358475	$64.95 C
992404	358386	$64.95 C
992405	358398	$64.95 C
992406	358401	$64.95 C
992407	358413	$64.95 C
992408	358425	$64.95 C
992409	358437	$64.95 C
992501	358324	$60.95 C
992502	358336	$60.95 C
992503	358348	$60.95 C
992504	358350	$60.95 C
992505	358362	$60.95 C
992506	358374	$60.95 C
993023	359617	$307.95 C
993024	359629	$307.95 C
993025	359631	$307.95 C
993042	359354	$298.95 C
993043	359364	$298.95 C
993044	359376	$298.95 C
993045	359388	$298.95 C
993046	359403	$298.95 C
993143	359059	$277.95 C
993144	359061	$277.95 C
993145	359073	$277.95 C
993146	359085	$277.95 C

Michigan Propellers by Donovan's Part Number Listing

DMI #	Michigan #	Price
342206	310661	$558.95 C
342357	635101	$511.95 C
345606	032052	$93.95
345644	032136	$113.95 C
345656	032135	$113.95 C
345682	031049	$114.95 C
345694	031048	$114.95 C
345745	032020	$120.95 C
345757	032021	$120.95 C
345808	032141	$137.95 C
345861	031057	$135.95 C
345872	031058	$135.95 C
345896	031015	$135.95 C
345900	031053	$135.95 C
345909	031016	$135.95 C
345911	031017	$135.95 C
345923	031018	$135.95 C
345935	031019	$135.95 C
345947	031020	$135.95 C
345973	031041	$145.95 C
345985	031042	$145.95 C
345997	031043	$145.95 C
346002	031044	$145.95 C
346052	031023	$171.95 C
346064	031024	$156.95 C
346076	031025	$156.95 C
346088	031026	$156.95 C
346141	031051	$162.95 C
346177	031022	$171.95 C
346191	031064	$156.95 C
346204	031065	$156.95 C
346216	031066	$156.95 C
346684	012032	$85.95 C
346913	012008	$90.95 C
346925	012007	$90.95 C
346951	012111	$94.95 C
346952	031054	$145.95 C
346963	031055	$145.95 C
347028	012109	$94.95 C
347030	012011	$94.95 C
347042	012013	$94.95 C
347092	012015	$94.95 C
347105	012016	$94.95 C
347117	012030	$94.95 C
347218	012054	$104.95 C
347220	012055	$104.95 C
347232	012056	$104.95 C
347244	012057	$104.95 C
347282	012036	$120.95 C
347294	012037	$120.95 C
347333	011027	$120.95 C
347346	011028	$120.95 C
347368	012047	$140.95 C
347372	011001	$138.95 C
347383	011002	$138.95 C
347395	011003	$138.95 C
347408	011004	$138.95 C
347410	011005	$138.95 C
347663	011006	$155.95 C
347674	011007	$155.95 C
347686	011008	$155.95 C
347698	011009	$155.95 C
348121	102003	$111.95 C
348133	102004	$110.95C
348145	102005	$110.95 C
348183	022002	$109.95 C
348195	022003	$109.95 C
348222	032045	$137.95 C
348234	032044	$137.95 C
348246	032043	$137.95 C
348258	032042	$137.95 C
348260	032041	$137.95 C
348272	032040	$137.95 C
348335	101036	$127.95 C
348359	101031	$127.95 C
348361	101032	$127.95 C
348373	101033	$127.95 C
348385	101034	$127.95 C
348397	101035	$127.95 C
348462	101027	$140.95 C
348474	101028	$140.95 C
350330	161003	$147.95 C
350342	161004	$147.95 C
357980	120	$31.95 C
357992	114	$31.95 C
358007	102	$43.95 C
358019	118	$31.95 C
358021	111	$31.95 C
358033	106	$43.95 C
358045	100	$43.95 C
358057	101	$43.95 C
358071	123	$31.95 C
358083	117	$31.95 C
358095	108	$43.95 C
358108	103	$43.95 C
358110	124	$41.95 C
358160	119	$31.95 C
358172	113	$31.95 C
358184	107	$43.95 C
358209	122	$31.95 C
358211	116	$31.95 C
358224	112	$31.95 C
358235	109	$43.95 C
358247	121	$31.95 C
358259	115	$31.95 C
358261	110	$43.95 C
358273	104	$43.95 C
358285	125	$43.95 C
358297	126	$43.95 C
358300	105	$43.95 C
358324	992501	$60.95 C
358336	992502	$60.95 C
358348	992503	$60.95 C
358350	992504	$60.95 C
358362	992505	$60.95 C
358374	992506	$60.95 C
358386	992404	$64.95 C
358398	992405	$64.95 C
358401	992406	$64.95 C
358413	992407	$64.95 C
358425	992408	$64.95 C
358437	992409	$64.95 C
358451	992301	$64.95 C
358463	992302	$64.95 C
358475	992303	$64.95 C
358502	992113	$97.95 C
358514	992114	$97.95 C
358538	992115	$97.95 C
358539	992116	$97.95 C
358704	992002	$105.95 C
358716	992003	$105.95 C
358728	992004	$105.95 C
358730	992005	$105.95 C
358742	992006	$105.95 C
358906	992202	$119.95 C
358918	992203	$119.95 C
358920	992204	$119.95 C
359059	993143	$277.95 C
359061	993144	$277.95 C
359073	993145	$277.95 C
359085	993146	$277.95 C
359354	993042	$298.95 C
359364	993043	$298.95 C
359376	993044	$298.95 C
359388	993045	$298.95 C
359403	993046	$298.95 C
359617	993023	$307.95 C
359629	993024	$307.95 C
359631	993025	$307.95 C
386525	033163	$220.95 E
386537	033164	$220.95 E
386549	033165	$220.95 E
386551	033166	$220.95 E
386816	033123	$248.95 E
387363	103163	$220.95 E
387375	103164	$220.95 E
387387	103165	$220.95 E
387604	103103	$241.95 E
387678	103123	$248.95 E

Solas Propellers by Manufacturer's Part Number Listing

Solas #	DMI #	Price
1111-093-09	866004	$55.95 C
1113-100-05	865999	$77.95 C
1121-093-08	867006	$115.95 C
1121-093-10	867020	$115.95 C
1211-100-14	866066	$66.95 C
1211-101-13	866042	$66.95 C
1211-103-12	866028	$66.95 C
1211-105-11	866016	$66.95 C
1231-100-14	867082	$167.95 C
1231-100-15	867098	$167.95 C
1231-101-13	867070	$167.95 C
1231-103-12	867056	$167.95 C
1311-110-15	866155	$87.95 C
1311-111-13	866117	$87.95 C
1311-111-14	866131	$87.95 C
1311-114-12	866092	$87.95 C
1311-116-11	866080	$87.95 C
1311-120-10	866079	$96.95 C
1311-121-09	866078	$87.95 C
1331-110-15	866977	$226.95 C
1331-111-13	866965	$226.95 C
1331-116-11	866953	$226.95 C
1411-130-19	866220	$98.95 C
1411-130-21	866244	$98.95 C
1411-133-17	866206	$98.95 C
1411-135-15	866181	$98.95 C
1411-138-13	866179	$98.95 C
1411-140-11	866167	$98.95 C
1431-130-19	867195	$287.95 C
1431-130-21	867208	$287.95 C
1431-133-17	867188	$287.95 C
1431-135-15	867171	$287.95 C
1453-130-17	868091	$297.95 C
1453-130-19	868070	$297.95 C
1453-130-21	868084	$297.95 C
1453-133-15	868116	$297.95 C
1511-143-21	866345	$107.95 C
1511-145-19	866321	$107.95 C
1511-148-17	866307	$107.95 C
1511-150-15	866282	$107.95 C
1511-153-19	877817	$119.95 C
1511-153-21	877829	$119.95 C
1511-155-17	877805	$119.95 C
1511-158-15	866294	$119.95 C
1511-160-13	866270	$119.95 C
1531-140-19	867260	$289.95 C
1531-140-21	867284	$289.95 C
1531-140-23	867295	$289.95 C
1531-143-17	867246	$289.95 C
1531-145-15	867222	$289.95 C
1532-140-19	868844	$289.95 C
1532-140-21	868856	$289.95 C
1532-143-17	868832	$289.95 C
1553-140-21	868490	$313.95 C
1553-141-19	868488	$313.95 C
1553-143-17	868476	$313.95 C
1553-145-15	868464	$313.95 C
1571-150-21	869264	$385.95 C
1571-153-19	869240	$385.95 C
1571-155-17	869226	$385.95 C
1571-158-15	869202	$385.95 C
1572-150-21	869365	$385.95 C
1572-153-19	869353	$385.95 C
1572-155-17	869339	$385.95 C
2111-093-08	866383	$55.95 C
2111-093-10	866408	$55.95 C
2113-100-05	866371	$77.95 C
2121-093-08	867309	$115.95 C
2121-093-10	867315	$115.95 C
2211-100-14	866484	$66.95 C
2211-100-15	866496	$66.95 C
2211-101-13	866460	$66.95 C
2211-103-12	866446	$66.95 C
2211-105-11	866422	$66.95 C
2211-110-09	866395	$66.95 C
2231-100-14	867347	$167.95 C
2231-103-12	867338	$167.95 C
2231-105-11	867329	$167.95 C
2231-108-10	867323	$167.95 C
2311-120-17	866547	$87.95 C
2311-123-15	866523	$87.95 C
2311-125-13	866509	$87.95 C
2311-130-11	866505	$87.95 C
2331-120-17	867373	$226.95 C
2331-123-15	867366	$226.95 C
2331-125-13	867359	$226.95 C
2411-130-19	866612	$98.95 C
2411-132-21	866624	$98.95 C
2411-133-17	866597	$98.95 C
2411-135-15	866573	$98.95 C
2411-138-13	866561	$98.95 C
2411-140-11	866551	$98.95 C
2431-130-19	867424	$287.95 C
2431-130-21	867436	$287.95 C
2431-133-17	867412	$287.95 C
2431-135-15	867409	$287.95 C
2453-130-17	868214	$297.95 C
2453-130-19	868227	$297.95 C
2453-130-21	868236	$297.95 C
2453-133-15	868190	$297.95 C
2511-143-21	866713	$107.95 C
2511-145-19	866698	$107.95 C
2511-148-17	866674	$107.95 C
2511-150-15	866650	$107.95 C
2531-140-19	867474	$289.95 C
2531-140-21	867498	$289.95 C
2531-143-17	867450	$289.95 C
2531-145-15	867448	$289.95 C
2553-140-21	868565	$313.95 C
2553-141-19	868553	$313.95 C
2553-143-17	868541	$313.95 C
2571-153-19	869430	$385.95 C
2571-155-17	869416	$385.95 C
3111-093-09	866744	$55.95 C
3111-093-10	866751	$55.95 C
3113-100-05	866788	$77.95 C
3121-093-08	870205	$115.95 C
3121-093-10	870229	$115.95 C
3211-099-10	866775	$66.95 C
3211-099-12	866787	$66.95 C
3231-100-14	870293	$167.95 C
3231-103-12	870279	$167.95 C
3231-108-10	870255	$167.95 C
3311-110-15	866828	$87.95 C
3311-111-13	866813	$87.95 C
3311-111-14	866826	$87.95 C
3311-114-12	866802	$87.95 C
3311-116-11	866792	$87.95 C
3311-120-10	866791	$96.95 C
3331-110-15	870368	$226.95 C
3331-111-13	870344	$226.95 C
3331-111-14	870356	$226.95 C
3331-114-12	870332	$226.95 C
3331-116-11	870320	$226.95 C
3411-130-19	866888	$98.95 C
3411-132-21	866890	$98.95 C
3411-133-17	866864	$98.95 C
3411-135-15	866840	$98.95 C
3411-138-13	866831	$98.95 C
3411-140-11	866830	$98.95 C
3413-138-15	873340	$119.95 C
3413-138-17	873352	$119.95 C
3413-138-19	873364	$119.95 C
3413-138-21	873376	$119.95 C
3431-130-19	870433	$287.95 C
3431-130-21	870445	$287.95 C
3431-133-17	870421	$287.95 C
3431-135-15	870419	$287.95 C
3431-138-13	870407	$287.95 C
3431-140-11	870394	$287.95 C
3451-139-17	873869	$301.95 C
3451-139-19	873871	$301.95 C
3451-139-21	873883	$301.95 C
3453-130-17	871168	$297.95 C
3453-130-19	871170	$297.95 C
3453-133-15	871156	$297.95 C
3511-143-21	866941	$107.95 C
3511-145-19	866927	$107.95 C
3511-148-17	866903	$107.95 C
3531-140-19	870572	$289.95 C
3531-140-21	870584	$289.95 C
3531-143-17	870560	$289.95 C
3531-145-15	870558	$289.95 C
3532-140-19	870635	$289.95 C
3532-140-21	870647	$289.95 C
3532-143-17	870623	$289.95 C
3551-148-16	870851	$296.95 C
3552-148-18	870940	$296.95 C
3553-140-21	871283	$313.95 C
3553-141-19	871271	$313.95 C
3553-143-17	871269	$313.95 C
3553-145-15	871257	$313.95 C
3571-150-21	871512	$385.95 C
3571-153-19	871497	$385.95 C
3571-155-17	871473	$385.95 C
3571-158-15	871459	$385.95 C
3572-150-21	871613	$385.95 C
3572-153-19	871601	$385.95 C
3572-155-17	871586	$385.95 C
4111-093-09	873011	$55.95 C
4111-093-11	873035	$55.95 C
4113-100-05	873009	$67.95 C
4211-101-13	873097	$66.95 C
4211-105-11	873073	$66.95 C
4231-101-13	873580	$167.95 C
4311-110-15	873225	$87.95 C
4311-111-13	873201	$87.95 C
4331-111-13	873667	$226.95 C
4411-130-19	873314	$98.95 C
4411-133-17	873302	$98.95 C
4431-133-17	873732	$287.95 C
4431-135-15	873720	$287.95 C
4511-145-19	873390	$107.95 C
4511-148-17	873388	$107.95 C
4553-145-15	874265	$299.95 C
4571-150-21	873162	$385.95 C
4571-153-19	873148	$385.95 C
4571-155-17	873124	$385.95 C
4571-158-15	873112	$385.95 C
4572-150-21	873199	$385.95 C
4572-153-19	873198	$385.95 C
4572-155-17	873186	$385.95 C
5011-085-08	877158	$55.95 C
5211-099-09	875205	$66.95 C
5211-099-11	875229	$66.95 C
5211-099-13	875243	$66.95 C
5221-100-09	867892	$134.95 C
5221-100-11	867917	$134.95 C
5221-100-13	867931	$134.95 C
8611-143-21	880218	$107.95 C
8611-145-19	880193	$107.95 C
8611-148-17	880179	$107.95 C
8611-153-19	880232	$119.95 C
8611-153-21	880244	$119.95 C
8611-155-17	880220	$119.95 C
9411-132-19	878833	$79.95 C
9411-133-17	878821	$79.95 C
9411-135-15	878819	$79.95 C
9411-138-13	878807	$79.95 C
9431-130-19	879087	$264.95 C
9431-130-21	879099	$264.95 C
9431-133-17	879075	$264.95 C
9431-135-15	879063	$264.95 C
9431-138-13	879051	$264.95 C
9511-143-21	878871	$85.95 C
9511-145-19	878869	$85.95 C
9511-148-17	878857	$85.95 C
9511-150-15	878845	$85.95 C
9513-140-21	878910	$98.95 C
9513-143-19	878908	$98.95 C
9513-145-17	878895	$98.95 C
9513-148-15	878883	$98.95 C
9531-140-19	879126	$272.95 C
9531-140-21	879138	$272.95 C
9531-140-23	879140	$272.95 C
9531-143-17	879114	$272.95 C
9531-145-15	879102	$272.95 C
9532-140-19	879164	$272.95 C
9532-143-17	879152	$272.95 C
9571-150-21	879190	$344.95 C
9571-153-19	879188	$344.95 C
9571-155-17	879176	$344.95 C
9571-17/105	880408	$378.95 C
9571-19/105	880410	$378.95 C
9571-21/105	880422	$378.95 C
A002-130-13	865901	$276.95 C
A004-130-13	865940	$299.95 C
ALUMINUM	878801	$1,944.95 C
B002-130-13	865925	$276.95 C
B004-130-13	865930	$299.95 C
BRP	878804	$3,306.95 C
MERCURY	878803	$3,306.95 C
RBX-100	879861	$34.95 C
RBX-101	879874	$34.95 C
RBX-102	879885	$34.95 C
RBX-103	879897	$34.95 C
RBX-104	879900	$34.95 C
RBX-105	879912	$34.95 C
RBX-106	879924	$34.95 C
RBX-107	879936	$34.95 C
RBX-108	879948	$34.95 C
RBX-110	879950	$34.95 C
RBX-124	879962	$34.95 C
RBX-125	879974	$34.95 C
RBX-126	879986	$34.95 C
SS/ALUM	878799	$3,061.95 C
STNLS STL	878800	$5,295.95 C
YAMAHA	878802	$3,306.95 C

Solas Propellers by Donovan's Part Number Listing

DMI #	Solas #	Price
865901	A002-130-13	$276.95 C
865925	B002-130-13	$276.95 C
865930	B004-130-13	$299.95 C
865940	A004-130-13	$299.95 C
865999	1113-100-05	$77.95 C
866004	1111-093-09	$55.95 C
866016	1211-105-11	$66.95 C
866028	1211-103-12	$66.95 C
866042	1211-101-13	$66.95 C
866066	1211-100-14	$66.95 C
866078	1311-121-09	$87.95 C
866079	1311-120-10	$96.95 C
866080	1311-116-11	$87.95 C
866092	1311-114-12	$87.95 C
866117	1311-111-13	$87.95 C
866131	1311-111-14	$87.95 C
866155	1311-110-15	$87.95 C
866167	1411-140-11	$98.95 C
866179	1411-138-13	$98.95 C
866181	1411-135-15	$98.95 C
866206	1411-133-17	$98.95 C
866220	1411-130-19	$98.95 C
866244	1411-130-21	$98.95 C
866270	1511-160-13	$119.95 C
866282	1511-150-15	$107.95 C
866294	1511-158-15	$119.95 C
866307	1511-148-17	$107.95 C
866321	1511-145-19	$107.95 C
866345	1511-143-21	$107.95 C
866371	2113-100-05	$77.95 C
866383	2111-093-08	$55.95 C
866395	2211-110-09	$66.95 C
866408	2111-093-10	$55.95 C
866422	2211-105-11	$66.95 C
866446	2211-103-12	$66.95 C
866460	2211-101-13	$66.95 C
866484	2211-100-14	$66.95 C
866496	2211-100-15	$66.95 C
866505	2311-130-11	$87.95 C
866509	2311-125-13	$87.95 C
866523	2311-123-15	$87.95 C
866547	2311-120-17	$87.95 C
866551	2411-140-11	$98.95 C
866561	2411-138-13	$98.95 C
866573	2411-135-15	$98.95 C
866597	2411-133-17	$98.95 C
866612	2411-130-19	$98.95 C
866624	2411-132-21	$98.95 C
866650	2511-150-15	$107.95 C
866674	2511-148-17	$107.95 C
866698	2511-145-19	$107.95 C
866713	2511-143-21	$107.95 C
866744	3111-093-09	$55.95 C
866751	3111-093-10	$55.95 C
866775	3211-099-10	$66.95 C
866787	3211-099-12	$66.95 C
866788	3113-100-05	$77.95 C
866791	3311-120-10	$96.95 C
866792	3311-116-11	$87.95 C
866802	3311-114-12	$87.95 C
866813	3311-111-13	$87.95 C
866826	3311-111-14	$87.95 C
866828	3311-110-15	$87.95 C
866830	3411-140-11	$98.95 C
866831	3411-138-13	$98.95 C
866840	3411-135-15	$98.95 C
866864	3411-133-17	$98.95 C
866888	3411-130-19	$98.95 C
866890	3411-132-21	$98.95 C
866903	3511-148-17	$107.95 C
866927	3511-145-19	$107.95 C
866941	3511-143-21	$107.95 C
866953	1331-116-11	$226.95 C
866965	1331-111-13	$226.95 C
866977	1331-110-15	$226.95 C
867006	1121-093-08	$115.95 C
867020	1121-093-10	$115.95 C
867056	1231-103-12	$167.95 C
867070	1231-101-13	$167.95 C
867082	1231-100-14	$167.95 C
867098	1231-100-15	$167.95 C
867171	1431-135-15	$287.95 C
867188	1431-133-17	$287.95 C
867195	1431-130-19	$287.95 C
867208	1431-130-21	$287.95 C
867222	1531-145-15	$289.95 C
867246	1531-143-17	$289.95 C
867260	1531-140-19	$289.95 C
867284	1531-140-21	$289.95 C
867295	1531-140-23	$289.95 C
867309	2121-093-08	$115.95 C
867315	2121-093-10	$115.95 C
867323	2231-108-10	$167.95 C
867329	2231-105-11	$167.95 C
867338	2231-103-12	$167.95 C
867347	2231-100-14	$167.95 C
867359	2331-125-13	$226.95 C
867366	2331-123-15	$226.95 C
867373	2331-120-17	$226.95 C
867409	2431-135-15	$287.95 C
867412	2431-133-17	$287.95 C
867424	2431-130-19	$287.95 C
867436	2431-130-21	$287.95 C
867448	2531-145-15	$289.95 C
867450	2531-143-17	$289.95 C
867474	2531-140-19	$289.95 C
867498	2531-140-21	$289.95 C
867892	5221-100-09	$134.95 C
867917	5221-100-11	$134.95 C
867931	5221-100-13	$134.95 C
868070	1453-130-19	$297.95 C
868084	1453-130-21	$297.95 C
868091	1453-130-17	$297.95 C
868116	1453-133-15	$297.95 C
868190	2453-133-15	$297.95 C
868214	2453-130-17	$297.95 C
868227	2453-130-19	$297.95 C
868236	2453-130-21	$297.95 C
868464	1553-145-15	$313.95 C
868476	1553-143-17	$313.95 C
868488	1553-141-19	$313.95 C
868490	1553-140-21	$313.95 C
868541	2553-143-17	$313.95 C
868553	2553-141-19	$313.95 C
868565	2553-140-21	$313.95 C
868832	1532-143-17	$289.95 C
868844	1532-140-19	$289.95 C
868856	1532-140-21	$289.95 C
869202	1571-158-15	$385.95 C
869226	1571-155-17	$385.95 C
869240	1571-153-19	$385.95 C
869264	1571-150-21	$385.95 C
869339	1572-155-17	$385.95 C
869353	1572-153-19	$385.95 C
869365	1572-150-21	$385.95 C
869416	2571-155-17	$385.95 C
869430	2571-153-19	$385.95 C
870205	3121-093-08	$115.95 C
870229	3121-093-10	$115.95 C
870255	3231-108-10	$167.95 C
870279	3231-103-12	$167.95 C
870293	3231-100-14	$167.95 C
870320	3331-116-11	$226.95 C
870332	3331-114-12	$226.95 C
870344	3331-111-13	$226.95 C
870356	3331-111-14	$226.95 C
870368	3331-110-15	$226.95 C
870394	3431-140-11	$287.95 C
870407	3431-138-13	$287.95 C
870419	3431-135-15	$287.95 C
870421	3431-133-17	$287.95 C
870433	3431-130-19	$287.95 C
870445	3431-130-21	$287.95 C
870558	3531-145-15	$289.95 C
870560	3531-143-17	$289.95 C
870572	3531-140-19	$289.95 C
870584	3531-140-21	$289.95 C
870623	3532-143-17	$289.95 C
870635	3532-140-19	$289.95 C
870647	3532-140-21	$289.95 C
870851	3551-148-16	$296.95 C
870940	3552-148-18	$296.95 C
871156	3453-133-15	$297.95 C
871168	3453-130-17	$297.95 C
871170	3453-130-19	$297.95 C
871257	3553-145-15	$313.95 C
871269	3553-143-17	$313.95 C
871271	3553-141-19	$313.95 C
871283	3553-140-21	$313.95 C
871459	3571-158-15	$385.95 C
871473	3571-155-17	$385.95 C
871497	3571-153-19	$385.95 C
871512	3571-150-21	$385.95 C
871586	3572-155-17	$385.95 C
871601	3572-153-19	$385.95 C
871613	3572-150-21	$385.95 C
873009	4113-100-05	$67.95 C
873011	4111-093-09	$55.95 C
873035	4111-093-11	$55.95 C
873073	4211-105-11	$66.95 C
873097	4211-101-13	$66.95 C
873112	4571-158-15	$385.95 C
873124	4571-155-17	$385.95 C
873148	4571-153-19	$385.95 C
873162	4571-150-21	$385.95 C
873186	4572-155-17	$385.95 C
873198	4572-153-19	$385.95 C
873199	4572-150-21	$385.95 C
873201	4311-111-13	$87.95 C
873225	4311-110-15	$87.95 C
873302	4411-133-17	$98.95 C
873314	4411-130-19	$98.95 C
873340	3413-138-15	$119.95 C
873352	3413-138-17	$119.95 C
873364	3413-138-19	$119.95 C
873376	3413-138-21	$119.95 C
873388	4511-148-17	$107.95 C
873390	4511-145-19	$107.95 C
873580	4231-101-13	$167.95 C
873667	4331-111-13	$226.95 C
873720	4431-135-15	$287.95 C
873732	4431-133-17	$287.95 C
873869	3451-139-17	$301.95 C
873871	3451-139-19	$301.95 C
873883	3451-139-21	$301.95 C
874265	4553-145-15	$299.95 C
875205	5211-099-09	$66.95 C
875229	5211-099-11	$66.95 C
875243	5211-099-13	$66.95 C
877158	5011-085-08	$55.95 C
877805	1511-155-17	$119.95 C
877817	1511-153-19	$119.95 C
877829	1511-153-21	$119.95 C
878799	SS/ALUM	$3,061.95 C
878800	STNLS STL	$5,295.95 C
878801	ALUMINUM	$1,944.95 C
878802	YAMAHA	$3,306.95 C
878803	MERCURY	$3,306.95 C
878804	BRP	$3,306.95 C
878807	9411-138-13	$79.95 C
878819	9411-135-15	$79.95 C
878821	9411-133-17	$79.95 C
878833	9411-132-19	$79.95 C
878845	9511-150-15	$85.95 C
878857	9511-148-17	$85.95 C
878869	9511-145-19	$85.95 C
878871	9511-143-21	$85.95 C
878883	9513-148-15	$98.95 C
878895	9513-145-17	$98.95 C
878908	9513-143-19	$98.95 C
878910	9513-140-21	$98.95 C
879051	9431-138-13	$264.95 C
879063	9431-135-15	$264.95 C
879075	9431-133-17	$264.95 C
879087	9431-130-19	$264.95 C
879099	9431-130-21	$264.95 C
879102	9531-145-15	$272.95 C
879114	9531-143-17	$272.95 C
879126	9531-140-19	$272.95 C
879138	9531-140-21	$272.95 C
879140	9531-140-23	$272.95 C
879152	9532-143-17	$272.95 C
879164	9532-140-19	$272.95 C
879176	9571-155-17	$344.95 C
879188	9571-153-19	$344.95 C
879190	9571-150-21	$344.95 C
879861	RBX-100	$34.95 C
879874	RBX-101	$34.95 C
879885	RBX-102	$34.95 C
879897	RBX-103	$34.95 C
879900	RBX-104	$34.95 C
879912	RBX-105	$34.95 C
879924	RBX-106	$34.95 C
879936	RBX-107	$34.95 C
879948	RBX-108	$34.95 C
879950	RBX-110	$34.95 C
879962	RBX-124	$34.95 C
879974	RBX-125	$34.95 C
879986	RBX-126	$34.95 C
880179	8611-148-17	$107.95 C
880193	8611-145-19	$107.95 C
880218	8611-143-21	$107.95 C
880220	8611-155-17	$119.95 C
880232	8611-153-19	$119.95 C
880244	8611-153-21	$119.95 C
880408	9571-17/105	$378.95 C
880410	9571-19/105	$378.95 C
880422	9571-21/105	$378.95 C

Stiletto Propellers by Manufacturer's Part Number Listing

Stiletto #	DMI #	Price	Stiletto #	DMI #	Price	Stiletto #	DMI #	Price
10217	858273	$315.00 C	20221	860482	$315.00 C	30323	862486	$315.00 C
10219	858285	$315.00 C	20315	860379	$315.00 C	31215	862347	$305.00 C
10221	858297	$315.00 C	20317	860381	$315.00 C	31217	862356	$305.00 C
10315	858196	$315.00 C	20319	860393	$315.00 C	31219	862361	$305.00 C
10317	858209	$315.00 C	20321	860406	$315.00 C	31315	862284	$305.00 C
10319	858211	$315.00 C	20323	860418	$315.00 C	31317	862296	$305.00 C
10321	858223	$315.00 C	21315	860292	$305.00 C	31319	862309	$305.00 C
10323	858235	$315.00 C	21317	860305	$305.00 C	31321	862311	$305.00 C
11315	858007	$305.00 C	21319	860317	$305.00 C	32312	862056	$248.00 C
11317	858019	$305.00 C	21321	860329	$305.00 C	32313	862068	$248.00 C
11319	858021	$305.00 C	22315	860154	$248.00 C	32314	862070	$248.00 C
11321	858033	$305.00 C	22317	860178	$248.00 C	32315	862082	$248.00 C
11323	858034	$305.00 C	22319	860191	$248.00 C	33310	862018	$238.00 C
12312	857500	$248.00 C	30217	862549	$315.00 C	33312	862032	$238.00 C
12313	857512	$248.00 C	30219	862551	$315.00 C	33314	862044	$238.00 C
12314	857524	$248.00 C	30221	862563	$315.00 C	40317	862892	$315.00 C
12315	857536	$248.00 C	30313	862436	$315.00 C	40319	862905	$315.00 C
13312	857497	$238.00 C	30315	862448	$315.00 C	40321	862917	$315.00 C
13314	857498	$238.00 C	30317	862450	$315.00 C	40323	862929	$315.00 C
20217	860467	$315.00 C	30319	862462	$315.00 C			
20219	860470	$315.00 C	30321	862474	$315.00 C			

Stiletto Propellers by Donovan's Part Number Listing

DMI #	Stiletto #	Price	DMI #	Stiletto #	Price	DMI #	Stiletto #	Price
857497	13312	$238.00 C	860191	22319	$248.00 C	862296	31317	$305.00 C
857498	13314	$238.00 C	860292	21315	$305.00 C	862309	31319	$305.00 C
857500	12312	$248.00 C	860305	21317	$305.00 C	862311	31321	$305.00 C
857512	12313	$248.00 C	860317	21319	$305.00 C	862347	31215	$305.00 C
857524	12314	$248.00 C	860329	21321	$305.00 C	862356	31217	$305.00 C
857536	12315	$248.00 C	860379	20315	$315.00 C	862361	31219	$305.00 C
858007	11315	$305.00 C	860381	20317	$315.00 C	862436	30313	$315.00 C
858019	11317	$305.00 C	860393	20319	$315.00 C	862448	30315	$315.00 C
858021	11319	$305.00 C	860406	20321	$315.00 C	862450	30317	$315.00 C
858033	11321	$305.00 C	860418	20323	$315.00 C	862462	30319	$315.00 C
858034	11323	$305.00 C	860467	20217	$315.00 C	862474	30321	$315.00 C
858196	10315	$315.00 C	860470	20219	$315.00 C	862486	30323	$315.00 C
858209	10317	$315.00 C	860482	20221	$315.00 C	862549	30217	$315.00 C
858211	10319	$315.00 C	862018	33310	$238.00 C	862551	30219	$315.00 C
858223	10321	$315.00 C	862032	33312	$238.00 C	862563	30221	$315.00 C
858235	10323	$315.00 C	862044	33314	$238.00 C	862892	40317	$315.00 C
858273	10217	$315.00 C	862056	32312	$248.00 C	862905	40319	$315.00 C
858285	10219	$315.00 C	862068	32313	$248.00 C	862917	40321	$315.00 C
858297	10221	$315.00 C	862070	32314	$248.00 C	862929	40323	$315.00 C
860154	22315	$248.00 C	862082	32315	$248.00 C			
860178	22317	$248.00 C	862284	31315	$305.00 C			

Avenger 3 Blade Stainless Steel Propellers by Michigan Wheel

Donovan Exclusive



AVENGER

Basic Runabout propeller offers excellent all-around performance.

MerCruiser/Mercury V-4

386525	(033163) 13-3/8" x 15"	**$220.95 E**
386537	(033164) 13-1/4" x 17"	**$220.95 E**

Yamaha V-4

387375	(103164) 13-1/4" x 17"	**$220.95 E**
387387	(103165) 13-1/8" x 19"	**$220.95 E**

Avenger 4 Blade Stainless Steel Propellers by Michigan Wheel

Donovan Exclusive



AVENGER

Excellent cruising performance, provides additional lift and less slippage.

MerCruiser/Mercury V-6, Honda V-6

386816	(033123) 14-5/8" x 16"	**$248.95 E**

Yamaha V-6

387678	(103123) 14-5/8" x 16"	**$248.95 E**

Solas Rubex Propellers

***Note: Must Order Propeller And Hub Kit Seperately!**



Solas Rubex Propellers - V6, V8 4-3/4" Gearcase

Aluminum - 3 Blade

878845	(9511-150-15)	15" x 15"	**$85.95 C**
878857	(9511-148-17)	14.8" x 17"	**$85.95 C**
878869	(9511-145-19)	14-1/2" x 19"	**$85.95 C**
878871	(9511-143-21)	14.3" x 21"	**$85.95 C**

Aluminum - 4 Blade

878883	(9513-148-15)	14.8" x 15"	**$98.95 C**
878895	(9513-145-17)	14-1/2" x 17"	**$98.95 C**
878908	(9513-143-19)	14.3" x 19"	**$98.95 C**
878910	(9513-140-21)	14" x 21"	**$98.95 C**

Stainless Steel - Standard - 3 Blade

879102	(9531-145-15)	14-1/2" x 15"	**$272.95 C**
879114	(9531-143-17)	14-1/4" x 17"	**$272.95 C**
879152	(9532-143-17)	14-1/4" x 17" - L. H.	**$272.95 C**
879126	(9531-140-19)	14" x 19"	**$272.95 C**
879164	(9532-140-19)	14" x 19" - L. H.	**$272.95 C**
879138	(9531-140-21)	14" x 21"	**$272.95 C**
879140	(9531-140-23)	14" x 23"	**$272.95 C**

Stainless Steel - Large Diameter - 3 Blade

879176	(9571-155-17)	15-1/2" x 17"	**$344.95 C**
879188	(9571-153-19)	15-1/4" x 19"	**$344.95 C**
879190	(9571-150-21)	15" x 21"	**$344.95 C**

V6 and V8 Hub Kits

879861	(RBX-100) Johnson/Evinrude V6 Gearcase	**$34.95 C**
879874	(RBX-101) J/E 90-140 HP - Large Gearcase	**$34.95 C**
879885	(RBX-102) Mer/Mar/Force, MerCrusier 70-250 HP	**$34.95 C**
879897	(RBX-103) Yamaha V6	**$34.95 C**
879900	(RBX-104) Suzuki 150-225 HP	**$34.95 C**
879912	(RBX-105) OMC/Volvo SX Drive	**$34.95 C**
879962	(RBX-124) Yamaha/Mer 225 HP, 4-Stroke EFI	**$34.95 C**



Solas Rubex Propellers - V4 4-1/4" Gearcase

Aluminum - 3 Blade

878807	(9411-138-13)	13-3/4" x 13"	**$79.95 C**
878819	(9411-135-15)	13-1/2" x 15"	**$79.95 C**
878821	(9411-133-17)	13-1/4" x 17"	**$79.95 C**
878833	(9411-130-19)	13" x 19"	**$79.95 C**

Stainless Steel - 3 Blade

879051	(9431-138-13)	13-3/4" x 13"	**$264.95 C**
879063	(9431-135-15)	13-1/2" x 15"	**$264.95 C**
879075	(9431-133-17)	13-1/4" x 17"	**$264.95 C**
879087	(9431-130-19)	13" x 19"	**$264.95 C**
879099	(9431-130-21)	13" x 21"	**$264.95 C**

V4 Hub Kits

879924	(RBX-106) Johnson/Evinrude V4 Gearcase	**$34.95 C**
879936	(RBX-107) Honda 75-130 HP	**$34.95 C**
879948	(RBX-108) Yamaha 60-90 HP	**$34.95 C**
879950	(RBX-110) Suzuki 60-140 HP	**$34.95 C**
879974	(RBX-125) Suzuki 90-115 HP, 4-Stroke	**$34.95 C**
879986	(RBX-126) Suzuki 140 HP, 2001 - Pre., 4-Stroke	**$34.95 C**

Note: Rubex blades and hubs are interchangeable with Vortex and Flo-Torq Systems.

Solas Rubex Propellers



Solas Rubex Display - Aluminum/Stainless Steel

878819	(9411-135-15)	Aluminum Rubex 3 (13.5 x 15)	Qty. 2
878821	(9411-133-17)	Aluminum Rubex 3 (13.3 x 17)	Qty. 2
878833	(9411-130-19)	Aluminum Rubex 3 (13 x 19)	Qty. 2
878857	(9511-148-17)	Aluminum Rubex 3 (14.8 x 17)	Qty. 2
878869	(9511-145-19)	Aluminum Rubex 3 (14.5 x 19)	Qty. 2
878871	(9511-143-21)	Aluminum Rubex 3 (14.3 x 21)	Qty. 2
879063	(9431-135-15)	Stainless Steel Rubex NS3 (13-1/2 x 15)	Qty. 1
879075	(9431-133-17)	Stainless Steel Rubex NS3 (13-1/4 x 17)	Qty. 1
879087	(9431-130-19)	Stainless Steel Rubex NS3 (13 x 19)	Qty. 1
879114	(9531-143-17)	Stainless Steel Rubex NS3 (14-1/4 x 17)	Qty. 1
879126	(9531-140-19)	Stainless Steel Rubex NS3 (14 x 19)	Qty. 1
879138	(9531-140-21)	Stainless Steel Rubex NS3 (14 x 21)	Qty. 1
879861	(RBX-100)	Hub Kit - J/E V6 Gearcase 91 to pre	Qty. 1
879874	(RBX-101)	Hub Kit - J/E V6 Gearcase 1976 to 90	Qty. 1
879885	(RBX-102)	Hub Kit - M/M/Mer/For/Hon 70-250 HP	Qty. 1
879897	(RBX-103)	Hub Kit - Yamaha V6	Qty. 1
879900	(RBX-104)	Hub Kit - Suzuki 150-225 HP	Qty. 1
879912	(RBX-105)	Hub Kit - Volvo SX DRIVE	Qty. 1
879924	(RBX-106)	Hub Kit - J/E V4 Gearcase	Qty. 1
879936	(RBX-107)	Hub Kit - Honda 75-130 HP	Qty. 1
879948	(RBX-108)	Hub Kit - Yamaha 60-90 HP	Qty. 1
879950	(RBX-110)	Hub Kit - Suzuki 60-140 HP	Qty. 1
879962	(RBX-124)	Hub Kit - Yamaha/Mercury/Honda EFI	Qty. 1
879974	(RBX-125)	Hub Kit - Suzuki 4-Stroke 90-115 HP	Qty. 1
879986	(RBX-126)	Hub Kit - Suzuki 4-Stroke 140 HP and up	Qty. 1
878798	Rubex Display Rack		Qty. 1

878799 **$3,011.95 C**

NEW ITEM

Solas Rubex Display - Stainless Steel

879063	(9431-135-15)	Stainless Steel Rubex NS3 (13-1/2 x 15)	Qty. 3
879075	(9431-133-17)	Stainless Steel Rubex NS3 (13-1/4 x 17)	Qty. 3
879087	(9431-130-19)	Stainless Steel Rubex NS3 (13 x 19)	Qty. 3
879114	(9531-143-17)	Stainless Steel Rubex NS3 (14-1/4 x 17)	Qty. 3
879126	(9531-140-19)	Stainless Steel Rubex NS3 (14 x 19)	Qty. 3
879138	(9531-140-21)	Stainless Steel Rubex NS3 (14 x 21)	Qty. 3
879861	(RBX-100)	Hub Kit - J/E V6 Gearcase 91 to pre	Qty. 1
879874	(RBX-101)	Hub Kit - J/E V6 Gearcase 1976 to 90	Qty. 1
879885	(RBX-102)	Hub Kit - M/M/Mer/For/Hon 70-250 HP	Qty. 1
879897	(RBX-103)	Hub Kit - Yamaha V6	Qty. 1
879900	(RBX-104)	Hub Kit - Suzuki 150-225 HP	Qty. 1
879912	(RBX-105)	Hub Kit - Volvo SX DRIVE	Qty. 1
879924	(RBX-106)	Hub Kit - J/E V4 Gearcase	Qty. 1
879936	(RBX-107)	Hub Kit - Honda 75-130 HP	Qty. 1
879948	(RBX-108)	Hub Kit - Yamaha 60-90 HP	Qty. 1
879950	(RBX-110)	Hub Kit - Suzuki 60-140 HP	Qty. 1
879962	(RBX-124)	Hub Kit - Yamaha/Mercury/Honda EFI	Qty. 1
879974	(RBX-125)	Hub Kit - Suzuki 4-Stroke 90-115 HP	Qty. 1
879986	(RBX-126)	Hub Kit - Suzuki 4-Stroke 140 HP and up	Qty. 1
878798	Rubex Display Rack		Qty. 1

878800 **$5,295.95 C**

NEW ITEM

Solas Rubex Display - Aluminum

878819	(9411-135-15)	Aluminum Rubex 3 (13.5 x 15)	Qty. 3
878821	(9411-133-17)	Aluminum Rubex 3 (13.3 x 17)	Qty. 3
878833	(9411-130-19)	Aluminum Rubex 3 (13 x 19)	Qty. 3
878857	(9511-148-17)	Aluminum Rubex 3 (14.8 x 17)	Qty. 3
878869	(9511-145-19)	Aluminum Rubex 3 (14.5 x 19)	Qty. 3
878871	(9511-143-21)	Aluminum Rubex 3 (14.3 x 21)	Qty. 3
879861	(RBX-100)	Hub Kit - J/E V6 Gearcase 91 to pre	Qty. 1
879874	(RBX-101)	Hub Kit - J/E V6 Gearcase 1976 to 90	Qty. 1
879885	(RBX-102)	Hub Kit - M/M/Mer/For/Hon 70-250 HP	Qty. 1
879897	(RBX-103)	Hub Kit - Yamaha V6	Qty. 1
879900	(RBX-104)	Hub Kit - Suzuki 150-225 HP	Qty. 1
879912	(RBX-105)	Hub Kit - Volvo SX DRIVE	Qty. 1
879924	(RBX-106)	Hub Kit - J/E V4 Gearcase	Qty. 1
879936	(RBX-107)	Hub Kit - Honda 75-130 HP	Qty. 1
879948	(RBX-108)	Hub Kit - Yamaha 60-90 HP	Qty. 1
879950	(RBX-110)	Hub Kit - Suzuki 60-140 HP	Qty. 1
879962	(RBX-124)	Hub Kit - Yamaha/Mercury/Honda EFI	Qty. 1
879974	(RBX-125)	Hub Kit - Suzuki 4-Stroke 90-115 HP	Qty. 1
879986	(RBX-126)	Hub Kit - Suzuki 4-Stroke 140 HP and up	Qty. 1
878798	Rubex Display Rack		Qty. 1

878801 **$1,944.95 C**

Michigan Wheel Vortex XHS Performance Propellers



*Note: Must Order Propeller And Hub Kit Seperately!

Michigan Wheel's Xchangeable Hub System absorbs impact and stress caused by shifting gears and is designed to spin under significant impact to protect your lower end unit. XHS™ is also designed to be interchangeable with Mercury's Flo-Torq™ II hub system, potentially saving you money when replacing or upgrading your propeller.

Aluminum - Fits Motors 20 - 35 HP

358324	(992501) 10-1/4" x 9"	**$60.95 C**
358336	(992502) 10-1/4" x 10"	**$60.95 C**
358348	(992503) 10-1/4" x 11"	**$60.95 C**
358350	(992504) 10-1/8" x 12"	**$60.95 C**
358362	(992505) 10-1/8" x 13"	**$60.95 C**
358374	(992506) 10-1/8" x 14"	**$60.95 C**

Aluminum - Fits Motors 30 - 70 HP

358386	(992404) 10-3/8" x 11"	**$64.95 C**
358398	(992405) 10-3/8" x 12"	**$64.95 C**
358401	(992406) 10-3/8" x 13"	**$64.95 C**
358413	(992407) 10" x 14"	**$64.95 C**
358425	(992408) 10" x 15"	**$64.95 C**
358437	(992409) 10" x 16"	**$64.95 C**

Aluminum - Fits Motors 40 - 70 HP

358451	(992301) 12" x 13"	**$64.95 C**
358463	(992302) 12" x 15"	**$64.95 C**
358475	(992303) 12" x 17"	**$64.95 C**

Aluminum - 4 Blade. 4-3/4" Gearcase. V6, V8 Outboards and I/O's

358906	(992202) 15" x 16"	**$119.95 C**
358918	(992203) 14-1/2" x 18"	**$119.95 C**
358920	(992204) 14" x 19"	**$119.95 C**

Aluminum - 3 Blade. 4-3/4" Gearcase. V6, V8 Outboards and I/O's

358704	(992002) 15-1/4" x 15"	**$105.95 C**
358716	(992003) 15" x 17"	**$105.95 C**
358728	(992004) 14-1/2" x 19"	**$105.95 C**
358730	(992005) 14-1/4" x 21"	**$105.95 C**
358742	(992006) 14-1/4" x 23"	**$105.95 C**

Aluminum - 3 Blade. 4-1/2" Gearcase. V4 Outboards 50 - 140 HP

358502	(992103) 13-3/4" x 15"	**$97.95 C**
358514	(992104) 13-1/4" x 17"	**$97.95 C**
358538	(992105) 13" x 19"	**$97.95 C**
358539	(992106) 12-3/4" x 21"	**$97.95 C**

Federal Apollo Stainless Steel Propellers

*Note: Must Order Propeller And Hub Kit Seperately!

Michigan Wheel's Xchangeable Hub System absorbs impact and stress caused by shifting gears and is designed to spin under significant impact to protect your lower end unit. XHS™ is also designed to be interchangeable with Mercury's Flo-Torq™ II hub system, potentially saving you money when replacing or upgrading your propeller. Highly polished, ultimate performance, stainless steel propeller.



Stainless Steel - Standard 3 Blade V4 Outboards. Fits 4-1/2" Gearcase.

359059	(993143) 13-3/8" x 15"	**$277.95 C**
359061	(993144) 13-1/4" x 17"	**$277.95 C**
359073	(993145) 13-1/8" x 19"	**$277.95 C**
359085	(993146) 13" x 21"	**$277.95 C**

Stainless Steel - Standard 3 Blade V6, V8 Outboards. Fits 4-3/4" Gearcase.

359354	(993042) 14-3/8" x 15"	**$298.95 C**
359364	(993043) 14-1/4" x 17"	**$298.95 C**
359376	(993044) 14-1/8" x 19"	**$298.95 C**
359388	(993045) 14" x 21"	**$298.95 C**
359403	(993046) 13-7/8" x 23"	**$298.95 C**

Stainless Steel - Large Diameter 3 Blade V6, V8 Outboards. Fits 4-3/4" Gearcase.

359617	(993023) 15-1/2" x 17"	**$307.95 C**
359629	(993024) 15-1/4" x 19"	**$307.95 C**
359631	(993025) 14-3/4" x 21"	**$307.95 C**

XHS Hub Kits



V4/V6 and Sterndrive XHS Hub Kits

358045	(100)	Evinrude/Johnson Outboards - OMC Sterndrives (V6/V8 Gearcase 1991 to present)	**$43.95 C**
358057	(101)	Evinrude/Johnson Outboards - OMC Sterndrives (V6/V8 Gearcase 1984 to 1990)	**$43.95 C**
358007	(102)	Mercruiser Alpha One & Bravo One (less than 400 HP). Mercury/Mariner 60HP Bigfoot, 70-125HP. Mercury/Mariner/Force 135-250HP. Force 90-120 HP. Honda Outboards 75-90HP thru 1998. Yamaha Outboards thru 1983	**$43.95 C**
358108	(103)	Yamaha Outboards & Sterndrives (115-130HP, 150-250HP, V6 Gearcase 1984 to present)	**$43.95 C**
358273	(104)	Suzuki Outboards (150-225HP, V6 Gearcase)	**$43.95 C**
358300	(105)	Volvo SX Sterndrives (19 tooth spline 1994 to present)	**$43.95 C**
358033	(106)	Evinrude/Johnson Outboards - OMC Sterndrives (V4 Gearcase 1968 to present)	**$43.95 C**
358184	(107)	Honda Outboards (115-130HP 1998 to present, 75-90HP 1999 to present)	**$43.95 C**
358095	(108)	Yamaha Outboards (50-100HP, splined front thrust washer)	**$43.95 C**
358235	(109)	Nissan/Tohatsu Outboards (90-140HP)	**$43.95 C**
358261	(110)	Suzuki V4 Outboards (60-140HP)	**$43.95 C**
358110	(124)	Mercury/Yamaha/Honda 225 HP 4-Stroke EFI	**$41.95 C**
358285	(125)	Suzuki/Johnson 90-115 HP 4-Stroke	**$43.95 C**
358297	(126)	Suzuki/Johnson 140 HP 4-Stroke	**$43.95 C**

20 - 70 HP XHS Hub Kits

358021	(111)	Evinrude/Johnson Outboards 40-70 HP	**$31.95 C**
358224	(112)	Tohatsu/Nissan Outboards 50-70 HP	**$31.95 C**
358172	(113)	Honda Outboards 35-50 HP	**$31.95 C**
357992	(114)	Mercury/Mariner/Force Outboards 30-70 HP	**$31.95 C**
358259	(115)	Suzuki Outboards 30-70 HP	**$31.95 C**
358211	(116)	Tohatsu/Nissan Outboards 35-50 HP	**$31.95 C**
358083	(117)	Yamaha Outboards 40-60 HP	**$31.95 C**
358019	(118)	Evinrude/Johnson Outboards 20-35 HP	**$31.95 C**
358160	(119)	Honda Outboards 20-30 HP	**$31.95 C**
357980	(120)	Mercury/Mariner/Force Outboards 18-25 HP	**$31.95 C**
358247	(121)	Suzuki Outboards 25-30 HP	**$31.95 C**
358209	(122)	Nissan/Tohatsu Outboards 25-30 HP	**$31.95 C**
358071	(123)	Yamaha Outboards 20-30 HP	**$31.95 C**

Propeller Hardware by Marpac

Engine	Horse Power	Thrust Washer (1 Pack)	Spacer (1 Pack)	Washer (2 Pack)	Nut (1 Pack)	Cotter Pin (4/Pack)
Johnson/ Evinrude	(A) 9.9 - 15	7-1922 @ $8.95 F	7-1900 @ $1.95 F		7-1914 @ $1.95 F	7-1968 @ $0.95 F
	(B) 20 - 35	7-1924 @ $9.95 F	7-1902 @ $3.95 F		7-1912 @ $4.95 F	7-1968 @ $0.95 F
	(C) 40 - 75	7-1926 @ $23.95 F	7-1904 @ $2.95 F			7-1906 @ $1.95 F
	(D) 80 - 140	7-1928 @ $20.95 F			7-1916 @ $4.95 F	7-1906 @ $1.95 F
	(E) 140 - Up	7-1930 @ $12.95 F	7-1920 @ $7.95 F		7-1918 @ $5.95 F	7-1906 @ $1.95 F
Mercury	(A) 8 - 15				7-1960 @ $1.95 F	
	(B) 20 - 25			7-1975 @ $1.95 F	7-1962 @ $2.95 F	
	(C) 30 - 70	7-1972 @ $8.95 F		7-1976 @ $1.95 F	7-1964 @ $4.95 F	
	(D) 70 - Up	7-1970 @ $12.95 F		7-1974 @ $3.95 F	7-1978 @ $4.95 F	
	(E) 135 - Up	7-1970 @ $12.95 F	7-1966 @ $4.95 F	7-1974 @ $3.95 F	7-1978 @ $4.95 F	
Yamaha	(A) 9.9 - 15	7-1951 @ $9.95 F		7-1939 @ $2.95 F	7-1933 @ $1.95 F	7-1968 @ $0.95 F
	(B) 20 - 30	7-1952 @ $16.95 F	7-1946 @ $6.95 F		7-1934 @ $3.95 F	7-1932 @ $1.95 F
	(C) 40 - 60	7-1954 @ $17.94 F	7-1948 @ $7.95 F	7-1940 @ $2.95 F	7-1936 @ $4.95 F	7-1932 @ $1.95 F
	(D) 60 - 90	7-1956 @ $16.95 F	7-1950 @ $12.95 F	7-1942 @ $2.95 F	7-1936 @ $4.95 F	7-1906 @ $1.95 F
	(D) 100 - 130	7-1958 @ $20.95 F	7-1950 @ $12.95 F	7-1944 @ $2.95 F	7-1938 @ $6.95 F	7-1906 @ $1.95 F
	(E) 130 - 250	7-1958 @ $20.95 F	7-1950 @ $12.95 F	7-1944 @ $2.95 F	7-1938 @ $6.95 F	7-1906 @ $1.95 F
Suzuki	(A)					7-1968 @ $0.95 F
	(B)					7-1968 @ $0.95 F
	(C)				7-1938 @ $6.95 F	7-1906 @ $1.95 F
	(D)				7-1938 @ $6.95 F	7-1906 @ $1.95 F
Tohatsu	(A)					7-1968 @ $0.95 F
	(B)					7-1968 @ $0.95 F
	(C)					7-1932 @ $1.95 F
	(D)		7-1950 @ $12.95 F	7-1942 @ $2.95 F	7-1936 @ $4.95 F	7-1932 @ $1.95 F

Sierra

Sierra Propeller Nut Kits

183733 (18-3733) Volvo **$16.87 H**
183781 (18-3781) Yamaha **$30.43 H**

McGard Propeller Locks

All Yamaha stern drives. Yamaha outboard 115 HP and larger, Honda 75 HP and larger, Suzuki 40 HP and larger, Johnson/Evinrude 150 HP and larger (4 stroke).
484004 (74040) **$71.95 H**

Yamaha Up to 90HP
484016 (74056) **$71.95 H**

Stern drives: MerCruiser: Alpha I, Bravo I, TRS. OMC: Cobra and King Cobra. Outboard: Mercury, Mariner 70 HP and larger. Johnson/Evinrude 150 HP and larger.
484028 (74039) **$71.95 H**

Stern drives: MerCruiser, Alpha, Bravo I-III, Blackhawk, OMC Cobra & King Cobra, Volvo SX, DP-S
484066 (74018) **$29.95 H**

Johnson/Evinrude outboard 40 HP to 140 HP.
484042 (74052) **$71.95 H**

McGard

Naval brass and hardened stainless steel. Dynamically balanced. Easy to use key design. Lock design features a free-spinning collar that will turn if attached by gripping tools without loosening the lock.



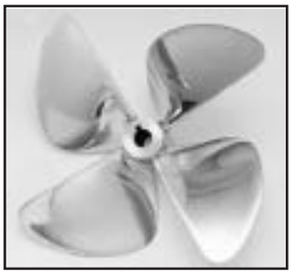
Solas Stainless Steel Ski Propellers



Solas Stainless Steel Ski Propellers - 3 Blade

The Solas Ski Propeller Series is designed with a revolutionary new foil section. This propeller can handle very wide range of loading variation and heavy maneuvering conditions. This stainless steel propeller offers excellent corrosion resistant capability is much more durable than the traditional bronze propeller. In order to match various applications, Solas offers propellers with 1" and1-1/8" bore size, 3 blade and left hand.

865901 (A002-130-13) 13 x 13 Left Hand 1" **$276.95 C**
865925 (B002-130-13) 13 x 13 Left Hand 1-1/8" **$276.95 C**



Solas Stainless Steel Ski Propellers - 4 Blade

The SOLAS Ski Propeller is designed with a revolutionary new blade geometry to handle a wide range of conditions, from family recreation to sporting and competitive events.

865940 (A004-130-13) 13 x 13 Left Hand 1" **$299.95 C**
865930 (B004-130-13) 13 x 13 Left Hand 1-1/8" **$299.95 C**

Michigan Ski Propellers



Michigan Dyna-Jet Cupped Ski Propeller - 3 Blade

Made of a NiBrAl ally which provides extra strength, less flex and greater durability. All are cupped to minimize the performance draining effects of cavitation.

342206 (310661) 13 x 13 Left Hand 1" **$558.95 C**



Michigan Ambush 4 Ski/Towboat Propeller - 4 Blade

These propellers are 100% CNC machined for the ultimate in accuracy and consistency.

342357 (635101) 13 x 13 Left Hand 1" **$511.95 C**

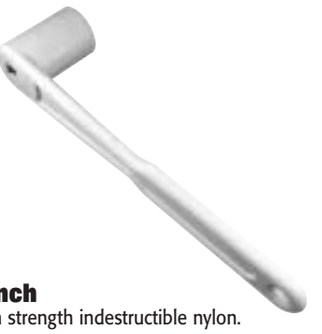
Propeller Wrenches



T & R Marine "Prop Mate" Combo Propeller Wrench

Stainless steel. A combination tool to perform the following operations: Remove the spider washer, install the square head drain plug, remove the gas cap and remove the prop nut. For 1-1/16" nut size. Comes packaged for pegboard display.

642533 (PM-116) **$47.95 H**



Marpac Propeller Wrench

6 point socket style made of high strength indestructible nylon.

7-1899 **$8.95 F**

Hawboldt Industries Hi-Trail Propellers



Hawboldt Industries
Hi-Trail: 4 Blade Bronze Propellers

It is used for both pleasure and commerical vessels, combining blade area, moderate skew and blade thickness distribution. This design has produced a smooth, quiet propeller that is one of the most popular models today. The propellers are finished to Hawboldt standard thickenss with anti-singing edge or to customer's special requests. Diameters available up to 44 inches in 3, 4 and 5 blade.

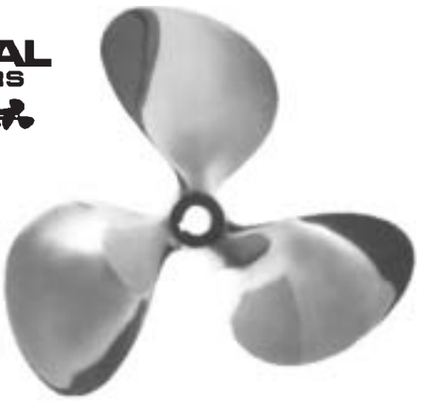
394801	33 x 30	Right Hand	3" Bore	**Price on Request**
394805	36 x 36	Left Hand	3" Bore	**Price on Request**
394807	36 x 36	Right Hand	3" Bore	**Price on Request**
394813	36 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394825	36 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394837	38 x 35	Left Hand	3-1/2" Bore	**Price on Request**
394849	38 x 35	Right Hand	3-1/2" Bore	**Price on Request**
394851	39 x 39	Left Hand	3-1/2" Bore	**Price on Request**
394863	39 x 39	Right Hand	3-1/2" Bore	**Price on Request**
394875	40 x 34	Left Hand	3-1/2" Bore	**Price on Request**
394887	40 x 34	Right Hand	3-1/2" Bore	**Price on Request**
394894	40 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394896	40 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394899	42 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394902	42 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394914	44 x 40	Left Hand	3-1/2" Bore	**Price on Request**
394926	44 x 40	Right Hand	3-1/2" Bore	**Price on Request**
394938	44 x 42	Left Hand	3-1/2" Bore	**Price on Request**
394940	44 x 42	Right Hand	3-1/2" Bore	**Price on Request**

Hawboldt Industries Hi-Trail: 4 Blade Nibral Propellers

It is used for both pleasure and commerical vessels, combining blade area, moderate skew and blade thickness distribution. This design has produced a smooth, quiet propeller that is one of the most popular models today. The propellers are finished to Hawboldt standard thickenss with anti-singing edge or to customer's special requests. Diameters available up to 44 inches in 3, 4 and 5 blade.

394828	36 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394830	36 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394890	40 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394892	40 x 36	Right Hand	3-1/2" Bore	**Price on Request**

Federal Inboard Propellers



Federal Inboard Propellers with 3 Blades

343729	(20 x 20LH-EP)	1-1/2" Bore	Bronze	**$893.95 G**

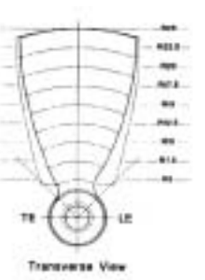
Federal Inboard Propellers with 4 Blades

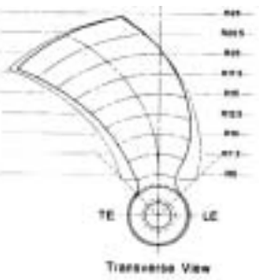
344022	(28 x 29RH-PT)	1-1/2" Bore	Bronze	**$2,048.95 A**

Shaft Nuts

685810	3/4"	Hex Shaft Nut	**$5.95 B**
685822	3/4"	Jam Shaft Nut	**$4.95 B**
685834	7/8"	Hex Shaft Nut	**$8.95 B**
685846	7/8"	Jam Shaft Nut	**$5.95 B**
685858	1"	Hex Shaft Nut	**$18.95 B**
685860	1"	Jam Shaft Nut	**$13.95 B**
685872	1-1/8"	Hex Shaft Nut	**$26.95 B**
685884	1-1/8"	Jam Shaft Nut	**$19.95 B**

Hawboldt Nozzle Kaplan Style Propellers





Features:

- Fits Kort Nozzles and Speed Nozzles
- Available in Manganese Bronze and Ni•AL•Bronze
- Two Styles:
  - The conventional standard Kaplan
  - The High Speed Skewed
- 42" diameter and up includes puller holes
- May provide fuel savings
- Increases Bollard Pull
- Gain more thrust with this propulsion when working at low speeds
- Size available is 4 blades up to 78" diameter

Propeller Sizing

Inboard Analysis Data

Name: _____

Street: _____ P.O. Box: _____

City: _____ State: _____ Postal Code: _____

Telephone: _____ Date: _____

Vessel Data

Manufacturer: _____ Model: _____

Overall Length (OAL): _____ Waterline Length (WL): _____

Beam: _____ Draft: _____ Displacement Weight: _____

Weights

Vessel Hull Material: ____ Fibreglass ____ Steel ____ Aluminum ____ Wood

____ Other: _____

Vessel Use: ____ Commerical ____ Pleasure

If Commerical: ____ Pulling/Towing ____ Pushing ____ Dragging/Trawling ____ Ship Handling

____ Other: _____

Anticipated Hull Speed: ____ Knots

Engine Data

Manufacturer: _____ Model: _____

____ Gas ____ Diesel

Engine MFG. Max. HP: _____

Governed at What RPM? _____

Gear Ratio: _____ Direct Reduction: _____ :1 No. of Engines: ___ Single ____ Twin

Propeller Data

Max. Diameter: _____

Prop. Application: ____ Nozzle ____ Open

Suggested Prop. Size: ____ Diameter ____ X Pitch ____ Style ____ Blades ____ Material

Price: _____ Delivery: _____

Vessel/propeller/Nozzle Certification Required:

____ ABS ____ Lloyds ____ DNV ____ Other

Remarks:

_____

_____

_____

_____

_____

Moeller Blow Molded Portable Fuel Tanks

Topside installation. One piece construction. Includes hydraulic cylinder type O-rings in the withdrawal and gauge area which counters any pressure that builds up inside the tank. Multi-directional withdrawal assembly. Easy to read glow gauge. Gas to oil indicator. A reserve fuel area is provided to allow you safe passage back to the dock.



Moeller 3 Gallon Blow Molded Portable Fuel Tank

481980 (31103) 18.13" L x 8.88" W x 10" H **$30.95 E**



Moeller Neptune Fuel Tanks

Non-corrosive "Neptune" tanks are tough and lightweight with baffled, manually vented closure caps and a universal 1/4" NPT fuel pick-up adapter. Meets ABYC standards. ISO and CSA certified.

481982 (04158) 3 Gallon 17" L x 10.5" W x 8" H **$30.95 E**
482006 (04921) 6 Gallon 20.5" L x 13" W x 10" H **$29.95 E**

Moeller Neptune Fuel Tank with Gauge

The OEM's choice in lightweight, non-corroding portable fuel tanks. Includes a universal 1/4" NPT fuel pick-up adapter.

482008 (03701) 6.6 Gallon 21.5" L x 14" W x 10" H **$35.95 E**



Moeller 9 Gallon Blow Molded Portable Fuel Tank

482074 (31109) 29-1/2" L x 13-3/4" W x 10" H **$58.95 E**



Special Handling May Apply

Moeller 12 Gallon Blow Molded Portable Fuel Tank

482125 (31212) 24" L x 18" W x 11-1/2" H **$68.95 E**



Tempo 3 Gallon Plastic Fuel Tank

Made of marine-grade, high density polyethylene with ultraviolet inhibitors. Lightweight, durable, easy-to-carry, easy-to-stow and will not rust or corrode. Each fuel tank features: A unique fuel withdrawal assembly with a 90° elbow for easy installation of fuel connector. A reserve fuel area is designed right into the tank by means of a partitioned bottom.

805996 (ULTRA 3GAS) 9" W x 17" L x 10" H **$28.95 F**



Moeller 6 Gallon Blow Molded Portable Fuel Tanks

482000 (31106) 21-1/2" L x 13-3/4" W x 10" H **$28.95 E**
482012 (31106-4) 4 Pack **$119.95 E**

NEW ITEM



Moeller 9 Gallon Blow Molded Portable Fuel Tank

482086 (08189) **$64.95 E**



Special Handling May Apply

Moeller 12 Gallon Blow Molded Portable Fuel Tank

482113 (31112) 23" L x 14" W x 14-1/2" H **$68.95 E**

Moeller DuraMax Flo n' Go Wheeled Fuel Transport





481959

Special Handling May Apply

Moeller DuraMax Flo n' Go Wheeled Fuel Transport

Composed of a durable, high-density polyethylene in vibrant red for use with gasoline, diesel, or kerosene fuels. Comes complete with a patented Flo n' Go hand pump & pump holder handle. 14 gallon volume capacity and a long 10' long fuel hose. Quickly refuels, using a UL approved, mechanically vented fill cap. Fluid transfer on level surfaces with minimal priming. Sturdy, 6" wheels. Dual mechanical shut-off valves, at both tank and hose, for spill-proof Flo n' Go disconnection.

481970 (06792) 14 Gallon **$177.95 E**

Moeller Max Flo

Fits all brands plastic fuel cans. Completely drains fuel from tank with no messy funnels, spills, or splashing. Includes child safety lock. Includes Multi-Function Safety Shut-Off Valve.

481959 (06799) **$41.95 E**

Moeller Rotationally Molded Topside Tanks

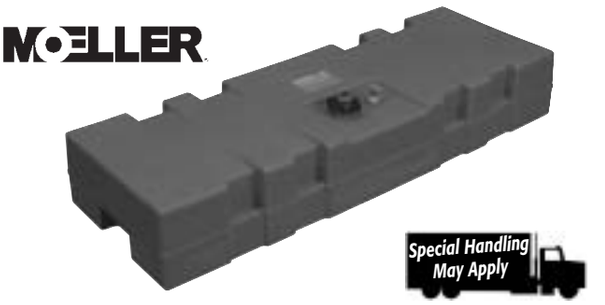
Add fuel capacity without changing existing tanks. Seamless construction, leakproof, and corrosion resistant. Rotationally molded polyethylene for maximum strength and reliability. Comes with aluminum withdrawal fittings and plastic fill cap, with gauge and vent.



Special Handling May Apply

Moeller 12 Gallon Plastic Fuel Tank

806301 (31612) 15" W x 43" L x 5.87" H **$177.95 E**



Special Handling May Apply

Moeller 15 Gallon Plastic Fuel Tank

806313 (31615) 15" W x 43" L x 6.87" H **$179.95 E**



Special Handling May Apply

Moeller 18 Gallon Plastic Fuel Tank

806325 (31818) 15" W x 43" L x 10" H **$163.95 E**



Special Handling May Apply

Moeller 20 Gallon Plastic Fuel Tank

806387 (31620) 15" W x 28" L x 12.37" H **$173.95 E**



Special Handling May Apply

Moeller 26 Gallon Plastic Fuel Tank

806440 (31526) 19" W x 29.25" L x 12.25" H **$213.95 E**

Moeller Permanent Below Deck Plastic Fuel Tanks

Seamless construction, leakproof and corrosion resistant. Rotationally molded polyethylene for maximum strength and reliability. Tanks complete with fill adapters, vents and fuel level senders.

MOELLER



Special Handling May Apply

Moeller 12 Gallon Plastic Fuel Tank

806503 (32512) 18-1/2" W x 24-1/2" L x 7-1/4" H **$163.95 E**

MOELLER



Special Handling May Apply

Moeller 18 Gallon Plastic Fuel Tank

806515 (32518) 18-1/4" W x 36-1/2" L x 7-1/4" H **$181.95 E**

MOELLER



Special Handling May Apply

Moeller 12 Gallon Plastic Fuel Tank

806553 (32612) 14" W x 20" L x 11-3/4" H **$163.95 E**

MOELLER



Special Handling May Apply

Moeller 19 Gallon Plastic Fuel Tank

806565 (32519) 16" W x 26" L x 11-3/4" H **$164.95 E**

MOELLER



Special Handling May Apply

Moeller 12 Gallon Plastic Fuel Tank

806604 (32514) 11-3/4" W x 18" L x 16-3/4" H **$157.95 E**

MOELLER



Special Handling May Apply

Moeller 20 Gallon Plastic Fuel Tank

806616 (32520) 11-3/4" W x 26" L x 16-1/4" H **$170.95 E**

Moeller Permanent Below Deck Plastic Fuel Tanks

Seamless construction, leakproof and corrosion resistant. Rotationally molded polyethylene for maximum strength and reliability. Tanks complete with fill adapters, vents and fuel level senders.

MOELLER



Special Handling May Apply

Moeller 25 Gallon Plastic Fuel Tank

806527 (32525) 18.03" W x 47" L x 7-1/2" H **$195.95 E**

MOELLER



Special Handling May Apply

Moeller 27 Gallon Plastic Fuel Tank

806577 (32527) 16" W x 36-1/2" L x 11-3/4" H **$188.95 E**

MOELLER



Special Handling May Apply

Moeller 27 Gallon Plastic Fuel Tank

806628 (32627) 11.81" W x 36" L x 16.28" H **$211.95 E**

MOELLER



Special Handling May Apply

Moeller 50 Gallon Plastic Fuel Tank

806844 (32550) 12-1/2" W x 45" L x 22" H **$262.95 E**

MOELLER



Special Handling May Apply

Moeller Plastic Fuel Tanks

9" (top), 5" (bot.) W x 51" L x 17-3/4" H.

806793 (32524) 25 Gallon **$203.95 E**

8-1/4" (top), 5" (bot.) W x 38-3/4" L x 17-1/2" H.

806781 (32618) 15.75 Gallon **$178.95 E**

TEMPO Marine



Special Handling May Apply

Tempo 36 Gallon Plastic Fuel Tank

806806 (TP-36-G-90) 16″ W x 68-3/4″ L x 8-1/4″ H **$290.95 F**

Moeller Jerry Cans

MOELLER

Moeller Jerry Cans

Scepter Jerry Cans are manufactured from high density, unbreakable polyethylene that is rustproof, crushproof and non-corroding. Features a reversible self-venting spout for simple and safe pouring. Durable, molded-in handle provides for comfortable carrying. Attaches easily to the patented Flo n' Go hand pump. Spill Proof Fueling Systems. Features an automatic shut-off spout that stops overflows, closes reflexively after use, and self-seals to guard against vapor emission while not in use. Special funnel permits convenient and safe filling of on-road vehicles.

481950	(06638)	1 Gallon	Self Venting	**$11.95 E**
481951	(06640)	2 Gallon	Self Venting	**$12.95 E**
481952	(05096)	5 Gallon	Spill Proof	**$19.95 E**
481953	(05086)	5 Gallon	Military - Spill Proof	**$26.95 E**
481954	(05090)	5 Gallon	Diesel - Spill Proof	**$18.95 E**
481948	(04933)	5 Gallon	Water	**$17.95 E**



481952



481954



481953

NEW ITEM



481958

Moeller Patented Spill Proof Spout

481958 (05459) **$9.95 E**

Fuel Tank Tie Downs

T-H Marine



T-H Marine Fuel Tank Hold Down

Superior strength poly straps with quick release buckle makes it simple to remove and replace container. Comes complete with 2-62" straps, 4 footman loops, & mounting hardware for securing system to boat.

640253 (FCH-1) **$15.95 H**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Tie Down Kit

1" wide weather resistant polypropylene webbing. Includes: Rust resistant metal hardware and stainless steel screws for mounting.

7-2150 Length 48" **$5.95 F 3Q**

MOELLER



Moeller Fuel Tank Tie Down Kit

Stainless steel permanent fuel tank hold down kit. Four straps per kit.

808925 (035710) **$15.25 E**

Moeller Fuel Tank Installation Kit

MOELLER



Moeller Fuel Tank Installation Kit

Tank installation kit includes: "Gas" deck fill, 18" of fill hose (1-1/2"), 36" of vent hose (5/8"), (4) 2-1/4" hose clamps and (1) 5/8" fuel vent.

808455 (035723) **$59.95 E**

Marpac Fuel Pick-Up Assemblies

NEW ITEM



Flexible polyurethane fuel tube is formulated for today's fuels. No more worries of rigid tube splitting commonly found in older compounds!

Marpac Fuel Pick-Up Assemblies

Flexible polyurethane fuel tube is formulated for today's fuels. No more worries of rigid tube splitting commonly found in older compounds! Uses 3/8" I.D. nylon tube for maximum fuel pick-up with filtration screen at the bottom to protect the engine from contaminates. 1/4" NPT aluminum head threads into most tanks and accepts most manufacturers tank side fittings.

7-0945 Length 12" **$14.95 E**
7-0946 Length 22" **$20.95 F**

Tempo Withdrawal Assembly - TP Style

809131 (280130) For LPT12 Fuel Tank **$25.95 H**



Tempo Replacement Cap

Cap with direct sight fuel gauge. For use with 6GAS and 3GAS Fuel Tanks.

809028 (586MGG) **$29.95 H**



Moeller Cap Assemblies

482505 (31106-CP) Cap w/dipstick - 6 gallon fuel tank **$11.95 E**
482529 (31112-CP) Cap w/dipstick - 12 gallon low fuel tank **$24.95 E**
482543 (31212-CP) Cap w/dipstick - 12 gallon high fuel tank **$24.95 E**



Moeller Electric Fuel Gauge

Dash mounted electric fuel gauge. 33 to 240 Ohm's.

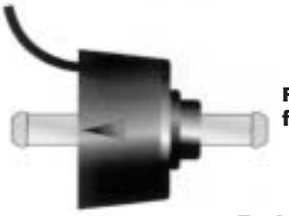
808482 (035727-10) **$25.95 E**

Faria Digital Fuel Management System



20' Cord to gauge

Fuel Line to engine



Fuel Line from tank

Fuel Flow Sender
- Easily installs in fuel line
- Includes mounting hardware

Faria Digital Fuel Management System - White Face

For use with gas engines only. Monitors fuel flow from 1/2 gallon to 34 gallons per hour. Trip fuel log displayed in gallons or litres. Includes: Selectable low fuel audible alarm. Red backlight, 12 volt, 2-1/16" hole. 3" deep. 20' cord.

351697 (FFM009) **$249.00 E**

Marpac Fuel Gauges



Marpac Fuel Gauge - Black Face
7-2065 **$19.95 F 3Q**



Marpac Fuel Gauge - White Face
7-2025 **$19.95 F 3Q**



Marpac Fuel Gauge - White Face
7-1986 **$23.95 F**

Teleflex Fuel Gauges



Teleflex Sterling
2" Fuel Gauge - Brushed Aluminum Face
818926 (63477P) E - 1/2 - F **$22.95 E**



Teleflex Lido 2" Fuel Gauge - White Face
818825 (65496P) E - 1/2 - F **$22.95 E**



Teleflex Blue Vector 2" Fuel Gauge
816681 (56930P) E - 1/2 - F **$30.95 H**



Teleflex Red International
2" Fuel Gauge - High Profile
816401 (53213P) E - 1/2 - F **$30.95 H**



Teleflex Heavy Duty 2" Fuel Gauge
817734 (80150P) E - 1/2 - F **$33.95 H**



Teleflex
Premier PRO Fog-Free 2" Fuel Gauge
817472 (62718P) E - 1/2 - F **$46.95 H**

NEW ITEM



Teleflex Amega 2" Fuel Gauge
819005 (57902P) E - 1/2 - F **$30.95 H**

FUEL, VENTILATION

Sending Units



Marpac Universal Electric Fuel Senders

Calibrated for 33 to 240 ohms-an industry standard. 100% pre-inspected to ensure full range of calibrated reading from empty to full. Complete kit includes gasket and screws. For use with gasoline or diesel (with separate return line) applications. Not for use in water. Made in USA.

7-6960 Fits Tank Depth: 6" to 12" **$22.95 F**
7-6961 Fits Tank Depth: 6" to 24" **$23.95 F**



Teleflex Fuel Gauge Sender

Stainless steel, aluminum and brass construction. Injection-molded blade terminals stop leaks. Stainless steel float arm. Closed-cell fuel resistant float. 240-33 ohm. Adjustable for 4" to 24" tank depth.

815297 (90424P) **$33.95 H**



Moeller Reed Switch Sending Units

Collect fuel level information more consistently than swingarm senders. They achieve this by taking the measurement from the float - which is still a moving part. However, the fluctuation is much less because the range of motion is much less. Stainless steel construction provides efficient performance. Calibrated to 33 to 240 Ohm's.

808723 (035761-10) Fits Tank Depth: 8" **$66.95 E**
808735 (035762-10) Fits Tank Depth: 10" **$66.95 E**
808747 (035764-10) Fits Tank Depth: 12" **$74.95 E**
808759 (035765-10) Fits Tank Depth: 14" **$74.95 E**

Moeller 5 Hole Gasket for Electric and Mechanical Sending Units

808494 (035728-10) **$11.95 E**



Marpac Fuel Sender

Stainless steel, aluminum and brass construction with stainless steel float arm. Injection molded blade terminals stop leaks. Closed-cell fuel resistant float. 240-33 ohm. Adjustable for 4" to 24" tank depth.

7-2030 **$29.95 F 3Q**



Moeller Swingarm Mechanical Switch Sending Units

With a direct site gauge or with the conversion capsule gathers fuel level information with the float. While accurate, the gauge will fluctuates as the fuel in the tank "slosh" around the tank when boating because of the moving parts - the float. Calibrated to 33 to 240 Ohm's.

808569 (035750-10) Fits Tank Depth: 7.5" **$57.95 E**
808571 (035751-10) Fits Tank Depth: 8" **$57.95 E**
808595 (035752-10) Fits Tank Depth: 10" **$57.95 E**
808608 (035753-10) Fits Tank Depth: 11.75" **$57.95 E**
808610 (035754-10) Fits Tank Depth: 12.75" **$57.95 E**
808622 (035755-10) Fits Tank Depth: 14" **$57.95 E**
808646 (035756-10) Fits Tank Depth: 16.25" **$57.95 E**
808658 (035757-10) Fits Tank Depth: 17.75" **$57.95 E**
808672 (035758-10) Fits Tank Depth: 22" **$57.95 E**



808709



808711

Moeller Replacement Direct Site Gauge

808709 (035759-10) **$14.95 E**

Moeller Conversion Capsule

Converts fuel level reading from standard direct site gauge to electric dash mounted gauge (33 - 240 Ohm's).

808711 (035760-10) **$52.95 E**

FloScan Diesel Fuel Computers – Series 76TX and 75TX Multifunction

FloScan



Prices on Request

FloScan Diesel Fuel Computers – Series 76TX and 75TX Multifunction

Temperature compensated models. FloScan diesel fuel computers will help you to monitor engine performance, determine the most efficient speed to reduce fuel consumption and extend you cruising range. Series 76TX and 75TX systems are designed specifically for use on Detroit Diesel Series 53, 71, 92, 149, Caterpillar Series 31/3500 and EMD 12-16 series engines with their very high return flows of hot fuel. Temperature compensated, individually calibrated flow sensors and custom programmed microprocessors ensure accurate flow measurement. The systems also include a digital tachometer and an electronic engine hour meter.

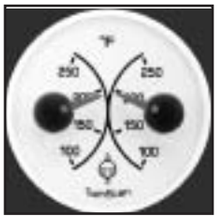
Features: Simultaneous display of GPH, total gallons used, engine RPM accurate to 1 RPM, and engine hours. Dual color backlighting provides for easy night vision with green middle window and amber top and bottom windows. Diagnostic mode enables you to monitor both the forward and return flow rates as well as fuel temperatures – a new method to spot engine problems before serious damage occurs. Resettable totalizer with non-volatile memory immune to power interruptions. Reads in 0.1 gallon increments to 9999.9, then in 1 gallon steps to 99999 gallons.

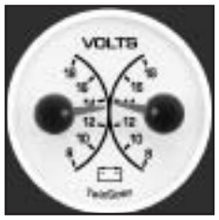
Model Number	
75TX-235-22	Caterpillar 3116, 3126
76TX-6BB-28	Detroit 4-53
76TX-6CC-28	Detroit 6V53, 4-71, 8V71, 6V92, 8V92
76TX-6DD-28	Detroit 16V71, 6-71TA, 6-71TI, 12V71
76TX-6DB-28	EMD 12-645E6
76TX-6ED-28	EMD 12-567C, 16-567C, Detroit 12V92
76TX-6FC-28	EMD 16-710G7, 20-645E7B, 20-710G7
76TX-6FD-28	EMD 12-645E7B, 16-645E7B, 16-645E6
76TX-6FE-28	Detroit 16V92, 16V149, Caterpillar 3508, 3512, 3516

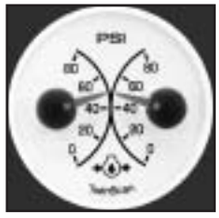
FloScan TwinScan® Engine Instruments

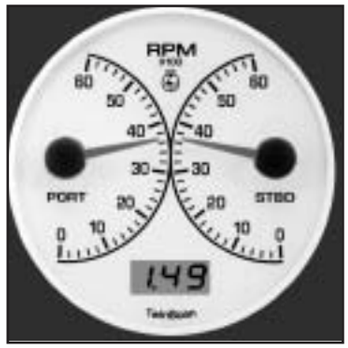


FloScan









Prices on Request

FloScan TwinScan® Engine Instruments

TwinScan® instruments embody a new concept in twin engine instrumentation which sets the ultimate standard for easy readability in the least possible space. Each individual instrument contains port and starboard meters which reference to each other. In a single, quick glance the eye can scan the entire instrument panel for non-matching pointers that signal possible trouble. Potentially dangerous and costly engine problems that might go unnoticed on conventional instrument panels are highlighted on a TwinScan panel.

TwinScan® instruments reduce the panel space required by 50% leaving more room for other electronics. A patented miniature design is the first to allow two meters to fit in the industry standard 2" diameter case which significantly reduces overall installation time.

Deluxe Features: Tachometer/Speedometer/MPG/Synch Indicator takes NMEA 0183 speed signal from GPS/Loran, & fuel flow from TwinScan GPH instrument to digitally display Speed (NM/Hr) over the ground, or fuel efficiency (NM/Gal), or RPM difference between port and starboard engines. High-Low level electronic control for separate external alarm lights/horns for water temperature and oil pressure. User resettable alarm levels. Internally illuminated pointers provide exceptionally effective nigh readability. Corrosion free stainless steel bezel. Reverse polarity and load dump protection exceeding SAE J1810 standards.

These units are custom built for each engine application. Please provide engine MFG and size when ordering allow 5 days for production plus transit time.

Required information for ordering: Need to know make of engine, size, if fuel injected and if it has fuel return line.

Description	Dial Range	Black Dial with Black Bezel	White Dial with S/S Bezel	White Dial with White Bezel
Tachometer/Synch Indicator/MPG Electric, Gas or Diesel	0-3000 RPM	3TB013U	3TS023U	3TW023U
Tachometer/Synch Indicator/MPG Electric, Gas or Diesel	0-4000 RPM	3TB014U	3TS024U	3TW024U
Tachometer/Synch Indicator/MPG Electric, Gas or Diesel	0-6000 RPM	3TB016U	3TS026U	3TW026U
Tachometer/Synch Indicator/MPG Electric, Gas or Diesel	0-8000 RPM	3TB018U	3TS028U	3TW028U
Temperature, Engine Cooling Water (See Note 1)	100° - 250° F	2CB011U	2CS021U	2CW021U
Temperature, Transmission Oil (See Note 2)	140° - 320° F	2DB016U	2DS026U	2DW026U
Pressure, Engine Oil (See Note 3)	0-80 PSI	2PB018U	2PS028U	2PW028U
Pressure, Transmission Oil (See Note 4)	0-400 PSI	2QB014U	2QS024U	2QW024U
Voltmeter	8-18 volts	2VB018	2VS028	2VW028
Voltmeter	16-36 volts	2VB016	2VS026	2VW026
GPH/Totalizer, Gas, O/B Below 150 HP	0-24 GPH	3FB012U4	3FS022U4	3FW022U4
GPH/Totalizer, Gas, O/B 150-250 HP	0-24 GPH	3FB012U1	3FS022U1	3FW022U1
GPH/Totalizer, Gas, O/B Over 250 HP	0-32 GPH	3FB013U1	3FS023U1	3FW023U1
GPH/Totalizer, Gas, Inboards & I/O to 250 HP	0-24 GPH	3FB012U4	3FS022U4	3FW022U4
GPH/Totalizer, Gas, Inboards & I/O 250-350 HP	0-32 GPH	3FB013U4	3FS023U4	3FW023U4
GPH/Totalizer, Gas, Inboards 350-500 HP	0-50 GPH	3FB015U5	3FS025U1	3FW025U1
GPH/Totalizer, Gas, Inboards Over 500 HP	0-100 GPH	3FB010U3	3FS020U3	3FW020U3

Special Order Only Call for Pricing

Uses two each VDO senders: Part Numbers:
Note 1, Water Temp Sender 323-477
Note 2, Trans Oil Temp Sender 323-485
Note 3, Oil Pressure Sender 360-410
Note 4, Trans Oil Pressure Sender 360-406

Cannot be used on EFI Engines with Fuel Return Line

Marpac Premier Fuel Line Assemblies

Specifically designed for use with Ethanol E10 and E85 fuel blends. Works with both gasoline or diesel fuels. Rapid prime with dual big bore check valves. Viton® balls and stainless steel springs for greater longevity and better prime every time. Stainless steel clamps. Special blue bulb stays pliable even in cold weather. Available with color coded connectors where applicable. Exclusive consumer accepted clamshell packaging.

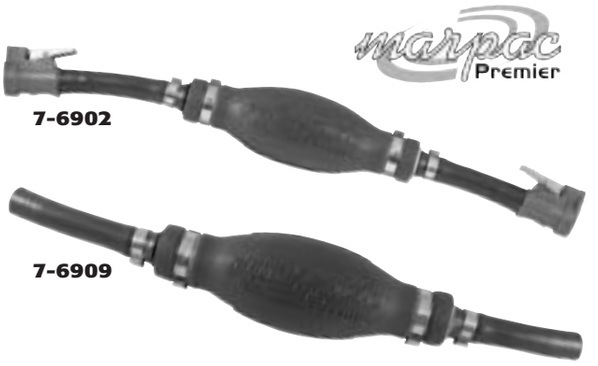
Johnson, Evinrude, BRP replaces OEM #398549.
7-6902 **$19.95 F 3Q**

Yamaha, replaces OEM #6Y2-24306-05-00.
7-6908 **$19.95 F 3Q**

Mercury Bayonet Style with cast alum. fittings, replaces OEM #32-80188A 2.
7-6905 **$27.95 F 3Q**

Mercury Clip Style.
7-6906 **$19.95 F 3Q**

Universal fit end assembly, replaces OEM #17667/174513, Mercury #32-822379A.
7-6909 **$15.95 F 3Q**



Marpac Premier Primer Bulbs

Marpac Premier Primer Bulbs

Specifically designed for use with Ethanol E10 and E85 fuel blends. Works with both gasoline or diesel fuels. Rapid prime with dual big bore check valves. Viton® balls and stainless steel springs for greater longevity and better prime every time. Special blue bulb stays pliable even in cold weather. Stainless steel clamps. Exclusive consumer accepted clamshell packaging.

7-6928 3/8" **$8.95 F 3Q**
7-6932 5/16" **$8.95 F 3Q**



Marpac Fuel Line Assemblies

Gasoline and alcohol resistant 3/8"double walled hose. Double check valves. Kink free braid fuel line. Outer hose is flexible and provides UV protection to prevent cracking and drying. Stainless steel clamps.

Johnson, Evinrude, BRP, 8' hose.
7-0902 **$16.95 H**

Yamaha, 8' hose.
7-0908 **$16.95 H**

Mercury Bayonet Style Connectors, 8' hose.
7-0905 **$22.95 H**

Univeral, 12' hose.
7-0909 **$14.95 H**



Marpac Uniflow Primer Bulbs

Marpac Uniflow Primer Bulbs

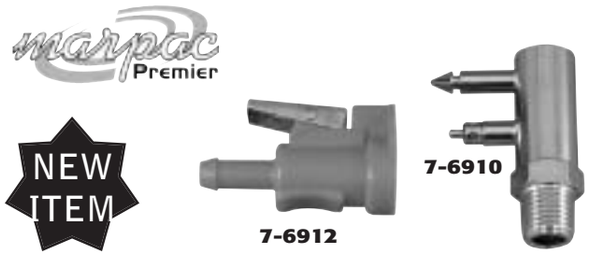
Alcohol and gasoline resistant. Spring loaded, over sized uniflow check valves for quick prime. Double check valves to hold prime longer. Stainless steel clamps.

7-0928 3/8" **$5.95 F 3Q**
7-0930 1/4" **$5.95 F 3Q**
7-0932 5/16" **$5.95 F 3Q**



Marpac Premier Fuel Connectors for Tank and Fuel Line Assemblies

Plated brass for corrosion protection. Viton® balls and stainless steel springs for long life. Specifically designed for use with Ethanol E10 and E85 fuel blends. Color coded for easier identification.



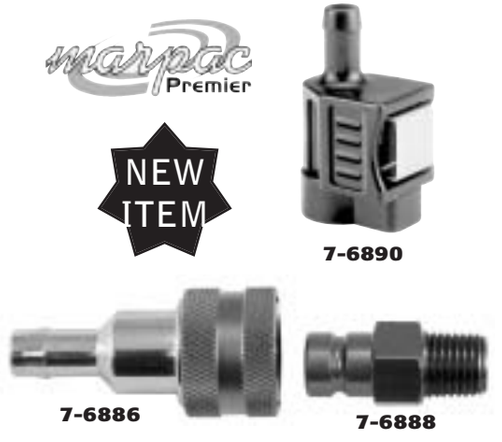
Marpac Johnson, Evinrude (BRP) Connectors

7-6910	Male Tank	1/4" NPT	**$12.95 F 3Q**
7-6911	Red Female Fuel Line	5/16" Barb	**$7.95 F 3Q**
7-6912	Red Female Fuel Line	3/8" Barb	**$7.95 F 3Q**



Marpac Mercury Connectors

7-6913	Male Tank	1/4" NPT	**$6.95 F 3Q**
7-6914	Black Female Fuel Line	3/8" Barb	**$3.95 F 3Q**



Marpac Honda Connectors

7-6888	Male Tank	1/4" NPT	**$5.95 F 3Q**
7-6886	Female Fuel Line Fitting	3/8" Barb	**$10.95 F 3Q**
7-6890	Female - Gray Square Peg Hole	3/8" Barb	**$4.95 F 3Q**



Marpac Yamaha Connectors

7-6924	Male Tank	1/4" NPT Brass	**$12.95 F 3Q**
7-6925	Female	5/16" Barb	**$7.95 F 3Q**
7-6926	Female	3/8" Barb	**$7.95 F 3Q**



Marpac Suzuki Large (75 HP and Up) Connectors

7-6936	Male Tank	1/4" NPT	**$5.95 F 3Q**
7-6934	Female Fuel Line	3/8" Barb	**$9.95 F 3Q**



Marpac Tohatsu Connectors

7-6898	Male Tank	1/4" NPT	**$5.95 F 3Q**
7-6896	Female Fuel Line	3/8" Barb	**$9.95 F 3Q**

Marpac Quick Connectors



Marpac Quick Connectors for Johnson, Evinrude, BRP

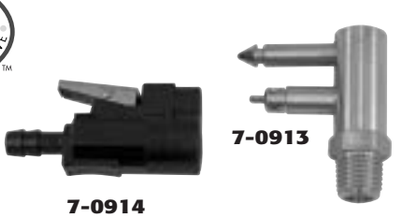
7-0910	Male Tank	1/4" NPT Brass	**$6.95 F 3Q**
7-0911	Female Fuel Line	5/16" Barb	**$4.95 F 3Q**
7-0912	Female Fuel Line	3/8" Barb	**$4.95 F 3Q**



Marpac Quick Connectors for Yam/Mer/Mariner

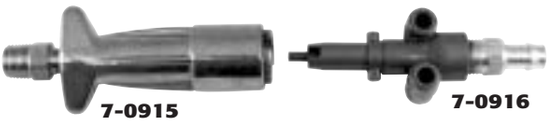
7-0924	Male Tank	1/4" NPT Brass	**$6.95 F 3Q**
7-0925	Female Fuel Line	5/16" Barb	**$4.95 F 3Q**
7-0926	Female Fuel Line	3/8" Barb	**$4.95 F 3Q**

NEW ITEM



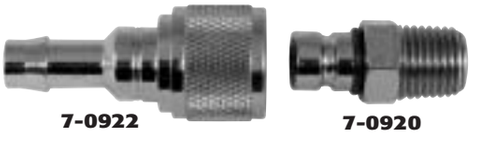
Marpac Quick Connectors for Mercury (Newer Larger Style)

7-0913	Male Tank	1/4" NPT Brass	**$9.95 F 3Q**
7-0914	Female Fuel Line	3/8" Barb	**$6.95 F 3Q**



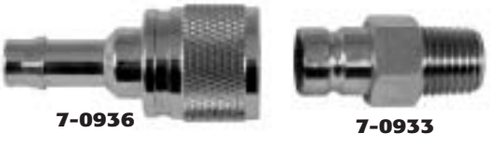
Marpac Quick Connectors for Mercury

7-0915	Female Tank - Aluminum	1/4" NPT	**$9.95 F 3Q**
7-0916	Male Fuel Line - Acetal	3/8" Barb	**$4.95 F 3Q**
7-0918	Male Fuel Line - Aluminum	3/8" Barb	**$9.95 F 3Q**
7-0919	Female Fuel Line - Aluminum	3/8" Barb	**$9.95 F 3Q**



Marpac Quick Connectors for Chrysler/Force

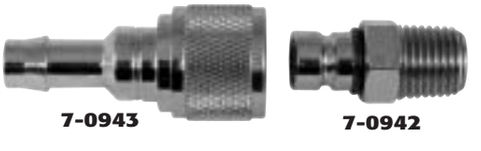
7-0920	Male Tank	1/4" NPT	**$4.95 F 3Q**
7-0921	Female Fuel Line	5/16" Barb	**$10.95 F 3Q**
7-0922	Female Fuel Line	3/8" Barb	**$10.95 F 3Q**



Marpac Quick Connectors for Suzuki

7-0933	Male Tank	1/4" NPT (Small)	**$4.95 F 3Q**
7-0934	Male Tank	1/4" NPT (Large)	**$6.95 F 3Q**
7-0935	Female Fuel Line	5/16" Barb (Small)	**$10.95 F 3Q**
7-0936	Female Fuel Line	3/8" Barb (Large)	**$11.95 F 3Q**

NEW ITEM



Marpac Quick Connectors for Tohatsu/Nissan

7-0942	Male Tank	1/4" NPT	**$6.95 F 3Q**
7-0943	Female Fuel Line	3/8" Barb	**$10.95 F 3Q**

Tempo Fuel Line Quick Connectors

Fuel line quick connectors feature a double O-ring to insure a leak-free fitting and 5/16" or 3/8" barb to allow for greater fuel flow.


807454


807466


807522

Tempo Mercury Quick Connectors

807454	(419 MEC)	1/4" NPT Aluminum	Female	**$14.95 H**
807466	(420 M90)	90° Elbow Aluminum	Female	**$15.95 H**
807522	(482 MFC)	3/8" Barb Two Prong Clip Style	Female	**$8.95 H**

Tempo Suzuki Quick Connector

807783	(463 LSA)	1/4" NPT Brass	Male	**$12.95 H**


807858


807846

Tempo Honda Quick Connectors

807846	(478MMC)	1/4" NPT	Two Prong Clip Style Male	**$6.95 H**
807858	(486MFC)	3/8" Barb	Two Prong Clip Style Female	**$4.95 H**


807615 and 807620


807602

Tempo Johnson/Evinrude Quick Connectors

807602	(400 JEC)	1/4" NPT Brass	Male	**$7.95 H**
807615	(410 PFC)	5/16" Barb Acetal	Female	**$5.95 H**

Sierra Fuel Tank Adapters


188076


188077

Sierra Yamaha Fuel Tank Adapters

188076	(18-8076) w/3/8" Fuel Line, Female	**$5.57 H**
188077	(18-8077) Small	**$10.37 H**


188056


188063

Sierra OMC Fuel Tank Adapters

188056	(18-8056) Female	**$5.40 H**
188063	(18-8063) Male	**$7.57 H**


188078


188071

Sierra Suzuki Fuel Tank Adapter

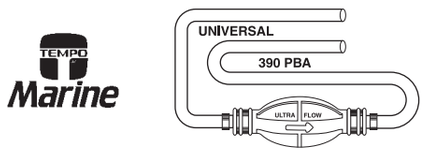
188078	(18-8078) 60 HP & Up, Male	**$11.25 H**

Sierra Chrysler/Force/Suzuki Fuel Tank Adapter

188071	(18-8071) Below 60 HP	**$6.05 H**

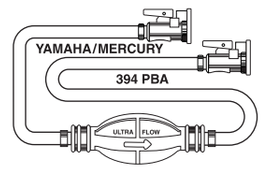
Tempo Ultra Flow™ Fuel Line Assemblies

Ultra flow fuel line assemblies are the finest available in quality and performance for your outboard. As much as 15% higher fuel flow rate allows outboard engines to perform at their maximum performance. Fuel line hose is compounded for alcohol and complies with SAE J1527 and ISO 8469 standards. Internal spiral braids in the hose prevent collapsing while maintaining flexibility. Stainless steel hose clamps are used throughout the assembly. Each assembly comes complete with quick-connect motor and tank fitting, except universal.



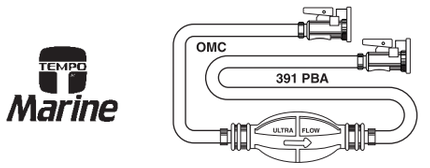
Tempo Ultra Flow™ Fuel Line Assembly

807032 (390PBA) Universal Standard **$24.95 H**



Tempo Ultra Flow™ Fuel Line Assembly

807074 (394PBA) Yamaha **$38.95 H**



Tempo Ultra Flow™ Fuel Line Assembly

807045 (391PBA) Johnson/Evinrude **$38.95 H**



Tempo Ultra Flow™ Primer Bulb

Designed with oversize check valves that provide as much as 15% greater fuel flow, allowing outboard engines to engage under maximum engine performance. Spring loaded check valve provides a quicker prime. Bulb is compounded for a wider temperature range of use while remaining flexible.

806983 (180120) Hose ID 1/4" **$11.95 H**

Sierra Fuel Line Assemblies

Exceeds ABYC recommendations, SAE standards, ISO standards and is European Certified. 3/8" 8 foot fuel lines. Maximum cold flex, UV and ozone resistant properties and protection against alcohol/fuel permeation.



Sierra Fuel Line Assembly

188015 (18-8015) Universal (Without Fitting) **$34.98 H**



188014

Sierra Fuel Line Assemblies for Evinrude and Johnson

188014 (18-8014) Engine Fitting Only **$33.98 H**
188058 (18-8058) Engine and Tank Fitting **$35.73 H**



188024

Sierra Fuel Line Assemblies for Mercury and Mariner

188024 (18-8024) 1/4" NPT End Fitting & Clip-On Engine Fitting **$28.10 H**
188010 (18-8010) Twist-On Tank and Engine Only **$36.60 H**

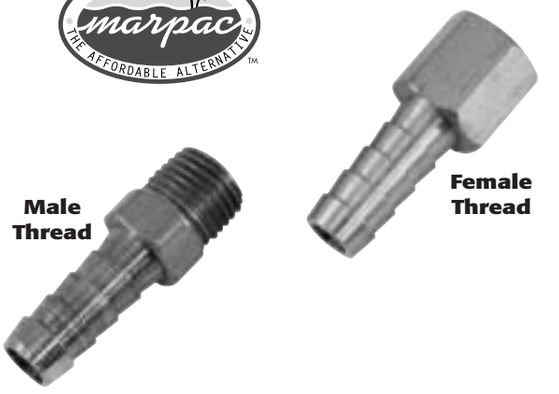


Sierra Fuel Line Assembly for Yamaha

Yamaha (Engine and Tank Fittings).

188017 (18-8017) **$35.80 H**

Marpac Fuel Hose Barbs



Marpac Fuel Hose Barbs
Machined brass. Male connection fits Tempo valves and fuel tank withdrawal tube assemblies. The female connection fits Tempo valves. Sold 2 per display card.

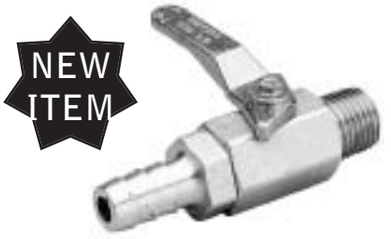
Female Thread

7-0937	1/4" NPT	Hose ID 1/4"	**$7.95 F 3Q**
7-0938	1/4" NPT	Hose ID 5/16"	**$8.95 F 3Q**
7-0939	1/4" NPT	Hose ID 3/8"	**$8.95 F 3Q**

Male Thread

7-0307	1/8" NPT	Hose ID 5/16"	**$5.95 F 3Q**
7-0308	1/8" NPT	Hose ID 3/8"	**$5.95 F 3Q**
7-0313	1/4" NPT	Hose ID 1/4"	**$5.95 F 3Q**
7-0314	1/4" NPT	Hose ID 5/16"	**$5.95 F 3Q**
7-0315	1/4" NPT	Hose ID 3/8"	**$5.95 F 3Q**
7-0316	3/8" NPT	Hose ID 3/8"	**$5.95 F 3Q**
7-0323	3/8" NPT	Hose ID 5/16"	**$8.95 F 3Q**

Marpac Hose Splicers and Valves



Marpac 2-Way Brass Ball Valve
Made of brass with stainless steel screw stem. 1/4" MNPT x 3/8" barb.

7-6938 **$29.95 F 3Q**



Marpac Shut-Off Valves
Brass. Connects motor to one permanent tank.

7-6940	1/4" NPT x 1/4" FNPT	**$19.95 F**
7-6942	1/4" FNPT	**$19.95 F**



Marpac Hose Splicers
Machined brass.

7-0318	Hose 5/16"	**$3.95 F 3Q**
7-0319	Hose 3/8"	**$3.95 F 3Q**



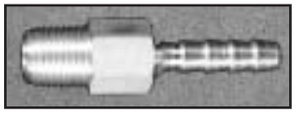
Marpac 3-Way Valves
Brass. Connects motor to two permanent tanks. Withdrawals from one tank at a time.

7-6944	1/4" FNPT	**$20.95 F**
7-6946	1/4" FNPT - With Easy Clicks	**$22.95 F**
7-6948	3/8" FNPT	**$24.95 F**

Marpac 4-Way Valve
Brass. Connects motor to three permanent tanks. Withdrawals from one tank at a time.

7-6950	1/4" FNPT	**$23.95 F**

Aluminum Anti-Syphon Valves



Marpac Aluminum Anti-Syphon Valve
Meets USCG/Industry standards for anti-siphoning on gas powered boats. Anti-siphon protection with hose barb simplicity. 1/4" NPT x 3/8" hose barb.

7-6952 **$19.95 F 3Q**



Aluminum Anti-Syphon Valve
Delivers Coast Guard/industry standard anti-siphon protection on all gasoline-powered boats. Combines anti-siphon protection with a convenient hose barb design. Made of tough aluminum.

808292 (033802-10) 3/8" Barb 3/8" NPT **$21.95 H**

Bulk Head Fittings





Bulk Head Fittings
Brass. Ideal for routing fuel lines safely through motor wells or bulk heads. 3/8" to 3/8" hose ID.

7-0306 Straight **$6.95 F 3Q**
808230 (209 BHF) 90° **$26.95 H**

Marpac Fuel Vents and Elbows



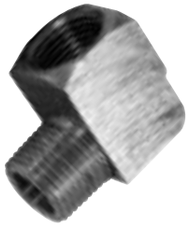
Marpac Tank Vent
Brass. For use in attaching 5/8" ID vent hose to the fuel tank for thru hull ventilation. 3/8" NPT.

7-0310 **$5.95 F 3Q**



Marpac Elbow - Male/Female
Brass. 1/4" NPT.

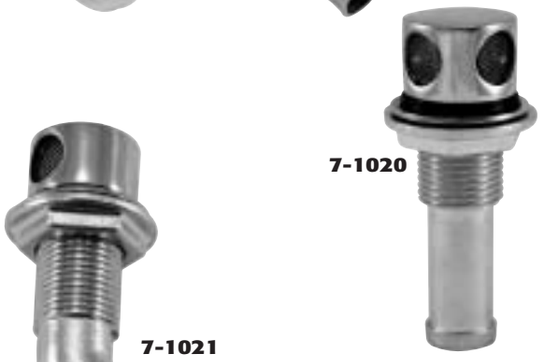
7-0320 **$6.95 F 3Q**



Marpac Tank Vent Elbow
Brass. Designed for use with the tank vent where vertical space is limited. 3/8" NPT and replaces 3/8" plug on fuel tanks.

7-0321 **$6.95 F 3Q**





Marpac Fuel Vents

7-1020	Straight	5/8"	**$19.95 F 3Q**
7-1021	90°		**$19.95 F 3Q**
7-1022	90° Flush	5/8"	**$26.95 F 3Q**

FUEL, VENTILATION

DONOVAN 2009

Fuel Tank Vents

PERKO®



Perko Fig. 570 Fuel Tank Vent

Chrome plated zinc cowl with black plastic cap and removable 30 mesh, stainless steel wire screen flame arrester. Hose size 5/8". Maximum hull thickness 3/4". Sold each per display pack. Standard pack 10.

540989 (570 DP4 BLK) **$13.95 H**

PERKO®



Perko Fig. 561 Fuel Tank Vent with Swivel Elbow

Chrome plated zinc cap with zinc elbow, black plastic splash guard and removable 30 mesh, stainless steel wire screen flame arrester. Design allows elbow to be rotated to any position. Hose size 5/8". Maximum hull thickness 1". Sold each per display pack.

541020 (561 DP4 CHR) **$17.95 H**

PERKO®



Perko Fig. 506 Fuel Tank Vent

Chrome plated zinc with black plastic splash guard and removable 30 mesh, stainless steel wire screen flame arrester. Hose size 5/8". Maximum hull thickness 3/4". Sold each per display pack.

539645 (506 DP4 CHR) **$16.95 H**

PERKO®



Perko Fig. 503 90° Fuel Tank Vent

Chrome plated bronze with removable 30 mesh, stainless steel wire screen flame arrester. Thread size 3/8". Maximum hull thickness 7/8".

539594 (503 DP3 CHR) **$50.94 H**

PERKO®



Perko Fig. 505 Fuel Tank Vent

Chrome plated cast bronze with removable 30 mesh, stainless steel wire screen flame arrester. Flange OD 2-1/2". Neck OD 1-3/16". Neck length 1-1/2". Neck OD 1-3/16". Sold each per display pack.

539607 (505 DP CHR) **$45.95 H**

TEMPO Marine



Tempo Thru Hull Vent

Die cast, chrome plated thru hull vents feature a flame arrester screen made of fine mesh stainless steel. Designed for 5/8" ID vent hose and for hulls up to 1/2" thick. Sold each per skin packed card.

808317 (202 THV) Rectangular Head **$7.95 E**

Attwood Fuel Tank Vents

attwood



237445

Attwood 90° P-Trap Fuel Tank Vents

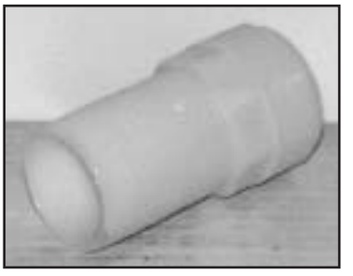
These uniquely designed, low profile fuel tank vents help prevent water from entering the fuel tank during normal sea conditions and washdowns. Features a series of baffles and traps that prevent water from splashing into the tank, yet allow air to vent freely. These vents eliminate the need for an anti-syphon loop in the vent hose, allowing more direct hose routing to the fuel tank and shorter hose length. For 5/8" ID hose. Meets ABYC Standard H-24. Maximum hull thickness: 5/8". Installation hole size: 3/4" diameter. Requires 1-1/2" height clearance for anti-siphon feature. Sold each per skin packed card.

237445 (1670-3) Black with Black Vent Head **$11.95 H**

237455 (66419-3) Black with Stainless Steel Trim Cover **$11.95 H**

Buck-Algonquin Nylon Hose Barb

BUCK ALGONQUIN Marine Hardware



Buck-Algonquin "Tuff-Lite" Nylon Hose Barb

354679 (60TN200) 1-1/2" NPT Hose 1-1/2" **$4.95 G**

Marpac Deck Fills

Marpac Deck Fills with Color Coded Caps

Made from heavy duty type 316 marine grade stainless steel these cast deck fills have a color coded cap and symbol for easier identification and less confusion. The keyless cap design makes filling easier since no tools are needed. Designed for use with 1-1/2" hose.



7-1640	Diesel with Green Nylon Cap	**$25.95 F 3Q**
7-1641	Gas with Red Nylon Cap	**$25.95 F 3Q**
7-1642	Water with Blue Nylon Cap	**$25.95 F 3Q**
7-9036	Replacement Green Nylon Cap	**$3.95 F 3Q**
7-9037	Replacement Red Nylon Cap	**$3.95 F 3Q**
7-9038	Replacement Blue Nylon Cap	**$3.95 F 3Q**

Marpac Gas Deck Fill with Key

316 investment cast with CNC machined threads to insure smooth operation, O ring seal for leak prevention. Manufactured with sealant groove on back side for positive deck seal. Designed for use with 1-1/2" hose. Flange OD 3-1/8". Uses #10 fasteners. Includes: Chain and key.



7-0894		**$32.95 F 3Q**
7-0896	Replacement Cap	**$13.95 F 3Q**

Marpac Flanged "Gas" Deck Fill with Spill Guard

Stamped stainless steel. Designed for use with 1-1/2" hose.



7-0892		**$21.95 F 3Q**
7-0896	Replacement Cap	**$13.95 F 3Q**

Marpac Deck Plate Key

Marpac Deck Plate Key

Stainless steel. Not only fits deck plates, but also doubles as a screw drive, bottle opener and other applications.



7-0889		**$4.95 F 3Q**

FUEL, VENTILATION

Perko Gas Fills

PERKO®



Perko Fig. 1399 "Chromalex" Gas Fill with Locking Cap

Chrome plated zinc. Black plastic flange and cap. Complete with grounding screw, cap retainer and gasket. Locking cap has a cover for the key hole. Hose size 1-1/2". Flange OD 3-1/8". Neck length 1-7/8". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

534671 (1399 DP CHR) **$53.95 H 5J**
534506 (1324 DP BLK) Repl. Locking Cap with 2 Keys **$33.95 H**

PERKO®



Perko Fig. 1313 "Chromalex" Gas Fill with Non-Locking Cap

Chrome plated zinc. Black plastic flange and cap. Complete with grounding screw, cap retainer and gasket. Locking cap has a cover for the key hole. Hose size 1-1/2". Flange OD 3-1/8". Neck length 1-7/8". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

534431 (1313 DP CHR) **$20.95 H 5J**
533845 (126 DP BLK) Repl. Non-Locking Cap **$10.95 H**

PERKO®



Perko Fig. 541 Combination Gas Fill and Tank Vent

Chrome plated bronze cap with black plastic base. Integral tank vent with flame arrestor and anti surge valve. Deck plate key included. Straight neck and heavy duty stainless steel bead chain. Fuel hose size 1-1/2". Vent hose size 5/8". Neck length 2-7/16". Uses #8 fasteners. Sold each per display pack.

534683 (541 DPG CHR) **$47.95 H**

PERKO®



Perko Fig. 1319 Combination Gas Fill and Tank Vent

Black plastic. Integral tank vent with flame arrestor. Flip top cap. No deck plate key or ground wire required. Marked "Gas". Fuel hose size 1-1/2". Vent hose size 5/8". Neck length 2-7/16". Uses #10 fasteners. Sold each per display pack. Standard pack 10.

534467 (1319 DPG BLK) **$27.95 H**

PERKO®



Perko Fig. 1613 Plastic Gas Fill

Black plastic. Fiber reinforced, UV stabilized. Easy-grip cap. No deck plate key or ground wire required. Complete with O-ring and cap retainer. Hose size 1-1/2". Overall OD 3-1/16". Neck length 2-7/16". Uses #8 fasteners. Sold each per display pack.

535130 (1613 DP BLK) **$16.95 H**

Marpac Fuel Hoses



Marpac Type "A" Fuel Hose
Premium quality tube, thermoplastic barrier and cover with braided reinforcement for added strength and flexibility. Resists vapor permeation, heat, cold, fire, ozone and premature aging caused by gas, diesel and alcohol-enhanced fuels. Meets or exceeds all requirement of ISO 7840 and SAE J1527 standards required by USCG, ABYC (H-24 & H-33) and NMMA.

7-2810	3/8" x 10'	**$31.95 F 3Q**
7-2815	5/16" x 10'	**$30.95 F 3Q**
7-2820	5/8" x 5'	**$23.95 F 3Q**
7-2825	5/8" x 10'	**$38.95 F 3Q**

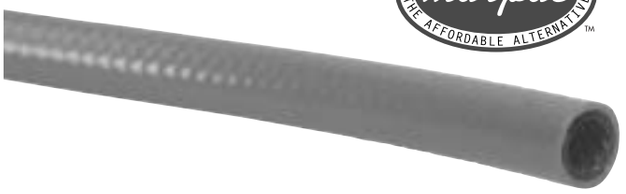


Marpac Type "B" Fuel Hose
Premium quality tube and cover with braided reinforcement. Resists vapor permeation, heat, cold, ozone and premature aging caused by gas. For use in outboard engine applications.

7-2800	3/8" x 10'	**$21.95 F 3Q**
7-2805	5/16" x 10'	**$20.95 F 3Q**

Marpac Grey Fuel Hose
Fuel line hose for fuel system rigging. Designed to be used above the deck. Sold in a 100' reel box.

7-6900	5/16" ID	**$61.95 F 3Q**
7-6901	3/8" ID	**$70.95 F 3Q**



MPI Products Fuel Hoses



Series 350



Series 315

Series 315 "Flex-Acol"
Alcohol Resistant Type B Fuel Hose
Excellent resistance to heat, ozone and permeation by alcohol blended gasoline and diesel fuels. Compounded to meet or exceed SAE J1527 Type B and NMMA standards for fuel feed and vent hoses. Multiple plies of reinforcement provide superior flexibility and good bend radius.

Series 350 "Flex-Acol"
Alcohol Resistant Type A and A2 Fuel Hose
Excellent resistance to fire, heat, ozone and permeation by alcohol blended gasoline and diesel fuels. Compounded to meet or exceed SAE J1527 Type A and NMMA standards for fuel feed and vent hoses. Multiple plies of reinforcement provide superior flexibility and good bend radius.

DMI #	MFG #	Size	Length	Price
Series 315 Alcohol Resistant Type B Fuel Hose				
771306	315-0146	1/4" ID	50'	**$84.95 L**
771318	315-0566	5/16" ID	50'	**$96.95 L**
771344	315-0560	5/16" ID	250'	**$438.95 L**
771320	315-0386	3/8" ID	50'	**$105.95 L**
771356	315-0380	3/8" ID	250'	**$505.95 L**
771332	315-0586	5/8" ID	50'	**$173.95 L**
Series 350 Alcohol Resistant Type A Fuel Hose				
771217	350-0566	5/16" ID	50'	**$160.95 L**
771229	350-0386	3/8" ID	50'	**$167.95 L**
771231	350-0126	1/2" ID	50'	**$219.95 L**
771243	350-0586	5/8" ID	50'	**$228.95 L**
771116	350-1123	1-1/2" ID	10'	**$131.95 L**
771130	350-1783	1-7/8" ID	10'	**$205.95 L**
771142	350-2003	2" ID	10'	**$216.95 L**
771154	350-2383	2-3/8" ID	10'	**$190.95 L**
771104	352-1123	1-1/2" ID	10' Corrugated	**$168.95 L**
Series 350 Alcohol Resistant Type A2 Fuel Hose				
771118	350-1120	1-1/2" ID	50'	**$598.95 L**

Marpac Fuel/Water Separator Kits



Marpac Stainless Steel Fuel/Water Separating Filter Kit

For all 2 and 4 stroke engines. Provides smoother, more dependable engine performance. Removes water, dirt and rust. Corrosion resistant stainless steel filter head includes 3/8" NPT ports that provide superior engine performance. Includes: 10 Micron water separating fuel filter, stainless steel mounting bracket, brass plugs and bushings.

7-0878	Stainless Steel Bracket with Marpac Filter	**$54.95 F 3Q**
7-0877B	Stainless Steel Bracket Only	**$46.95 F 3Q**



Marpac Fuel/Water Separating Filter Kit with Racor Filter

For all 2 and 4 stroke engines. Clear contaminant collection bowl with drain valve for outboards. 10 micron Aquabloc® media. Long life with 98% efficiency. Corrosion resistant construction. Kit includes: 10 Micron water separating fuel filter, stainless steel mounting bracket, brass plugs and bushings.

7-0879 **$116.95 F 3Q**



Marpac Fuel/Water Separating Filter Kits

For all 2 and 4 stroke engines. Provides smoother, more dependable engine performance. Removes water, dirt and rust. Corrosion resistant filter head includes 3/8" NPT ports that provide superior engine performance. Includes: 10 Micron Marpac filter.

7-0871	Aluminum Bracket with Marpac Filter	**$29.95 F 3Q**
7-0870B	Aluminum Bracket Only	**$17.95 F 3Q**
7-0316	Male Hose Barb - 3/8" Hose x 3/8" NPT	**$5.95 F 3Q**
7-0323	Male Hose Barb - 5/16" Hose x 3/8" NPT	**$8.95 F 3Q**



7-0844

7-0843

Marpac EZ View Fuel/Water Separator

For all 2 and 4 stroke engines. Fits existing universal Merc, Suzuki, Yamaha, Honda, Sierra, Moeller, Tempo and Marpac filter heads. Clear site bowl collects water to allow water to be drained from fuel system. Easy turn thumb screw ensures a positive grip during draining of bowl. 10 Micron filter.

7-0843		**$49.95 F 3Q**
7-0844	Replacement Canister	**$24.95 F 3Q**



Marpac Fuel/Water Separator

For all 2 and 4 stroke engines. Fits Mercury Bracket. Removes water, dirt and rust. 10 Micron filter for more contaminate removal.

7-0860	Fuel Filter - Sold in Display Package	**$6.95 F 3Q**
7-0860S	Case of 50 Fuel Filters	**$287.95 F**

Marpac Fuel/Water Separator Kits





Marpac Fuel/Water Separator Value Kit

Kit contains: 3/8" to 1/4" reducing bushing, 6ml high temp thread sealant, (2) **7-0860** - Fuel-water separator filters and aluminum filter bracket with (2) 3/8" plug.

7-0873 Aluminum Kit with Two Filters **$37.95 F 3Q**





Marpac Fuel/Water Separator Value Kit

Kit contains: 3/8" to 1/4" reducing bushing, 6ml high temp thread sealant, (2) **7-0860** - Fuel-water separator filters and stainless steel filter bracket with (2) 3/8" plug.

7-0874 Stainless Steel Kit with Two Filters **$65.95 F 3Q**



7-0859B



Marpac Fuel/Water Separator Value Kit

Composite filter head design eliminates corrosion. High flow filter head design with 3/8" ports. 10 micron filtration, spare filter included.

7-0858 Composite Kit with Two Filters **$29.95 F 3Q**
7-0859B Composite Filter Head **$16.95 F 3Q**

Sierra Fuel/Water Separator Filter and Bracket



Sierra Fuel/Water Separator Filter and Bracket

28 micron filter element shaped into 66 pleats. Steel end caps on elements. Heavy duty spring. Powder coated outside, epoxy coated inside for corrosion protection. Meets OEM specifications. Will not separate 2 cycle oil from gasoline. Do not use with diesel fuel. Replaces: Mercury 35-60494A4, Suzuki 99105-20001, Yamaha ABA-SEPAR-AT-OR.

187852	(18-7852)	**$35.92 H**
187844	(18-7844) Filter	**$7.28 H**
187845	(18-7845) Long Filter	**$7.28 H**
187846	(18-7846) OMC Filter	**$10.00 H**

Racor "ParFit" Gasoline Fuel Filter/Water Separator

RACOR



Racor "ParFit" Gasoline Fuel Filter/Water Separator

Replaces standard fuel filters found on most Mercury, Mercruiser, Yamaha, Suzuki, Honda and Tohatsu marine gasoline applications. It fits these popular engine applications with it's 11/16"-16 center threads and features 10 micron Aquabloc®II media to outperform other gasoline fuel filters in inboard or outboard, two or four cycle applications. Exceeds all OEM requirements, and is suitable for all low or high pressure injection systems. Provides a durable, high performance filter element that is treated inside and out with a highly corrosion resistant coating to eliminate rust-through. Dimensions are 4-1/4" diameter x 4-1/4" tall.

314795	(PFF5510)	**$10.35 G**

Racor OEM Spin On Gasoline Filter/Water Separators

RACOR



Racor OEM Spin On Gasoline Filter/Water Separators

Now, owners of inboard or outboard engines can get smoother operation and longer life - all in one easy spin onto their existing engine filter heads. There's a choice of rugged, reusable clear bowl with a self-venting drain or a metal bowl with drain plug for inboard applications. Metal bowls are UL-listed and USCG accepted, clear bowls are for outboard applications only. These filters also feature high capacity Aquabloc II element that removes 99% of free water, and sediment down to 10 micron. These OEM spin-on gasoline filters were designed to fit most Quicksilver, MerCruiser and OMC applications.

For Outboard Applications Only

With clear bowl. 60 GPH. Height 7.2". Diameter 3.8".

314498	(B32013)	Fits 11/16"-16 Quicksilver Heads	**$57.75 G**
314505	(S3213)	Replacement Filter for **314498**	**$31.10 G**
314499	(B32014)	Fits 1"-12 OMC Heads	**$57.75 G**
314506	(S3214)	Replacement Filter for **314499**	**$31.10 G**
314502	(RK30747)	Replacement Clear Bowl	**$42.90 G**

For Inboard or Outboard Applications

With metal bowl. 60 GPH. 3/8" metal plug. Height 6.5". Diameter 3.8".

314501	(B32020MAM)	Fits 11/16"-16 MerCruiser Heads	**$70.65 G**
314503	(S3220UL)	Replacement Filter for **314501**	**$32.70 G**
314504	(S3221UL)	Replacement Filter for B32021MAM	**$32.70 G**
314512	(RK30473-02)	Metal Bowl Kit with 3/8" Plug	**$65.25 G**

Racor Filter/Water Separators



314447 314497 314465

Racor Spin On Gasoline Filter/Water Separators

These filters are designed for high performance applications and with flow rates between 30 and 120 GPH your engine will perform better than ever with clean, water-free fuel. These filters are coated with a durable electrostatically applied powder coating for superior corrosion resistance. Features a high capacity Aquabloc II filter element that removes sediment down to 10 micron and 99% of water. This spin on filter design is simple to replace and the reuseable clear plastic or metal contaminant collection bowls feature a self-venting drain, or metal plug, for removing unwanted muck and water.

For Outboard Applications Only with Clear Bowl.

314447	(120R-RAC-01)	30 GPH, Head Port: 1/4"-18 NPTF	**$93.65 G**
314523	(S3240)	Replacement Filter for **314447**	**$24.65 G**
314497	(320R-RAC-01)	60 GPH, Head Port: 1/4"-18 NPTF	**$97.80 G**
314516	(S3227)	Replacement Filter for **314497**	**$30.60 G**
314502	(RK30747)	Replacement Clear Bowl	**$42.90 G**
314465	(490R-RAC-01)	90 GPH, Head Port: 3/8"-18 NPTF With Integral Priming Pump	**$153.70 G**
314473	(660R-RAC-01)	90 GPH, Head Port: 3/8"-18 NPTF	**$134.35 G**
314520	(S3232)	Replacement Filter for **314473**	**$39.10 G**
314502	(RK30747)	Replacement Clear Bowl	**$42.90 G**

For Inboard or Outboard Applications with Metal Bowl. UL Marine Listed.

314500	(320R-RAC-02)	60 GPH, Head Port: 1/4"-18 NPTF	**$118.90 G**
314518	(S3228UL)	Replacement Filter for **314500**	**$32.35 G**
314512	(RK30473-02)	Metal Bowl Kit with Plug	**$65.25 D**
314521	(S3232 UL)	Repl. Filter for 660R-RAC-02	**$42.45 G**



Racor Bowl Filter Wrench

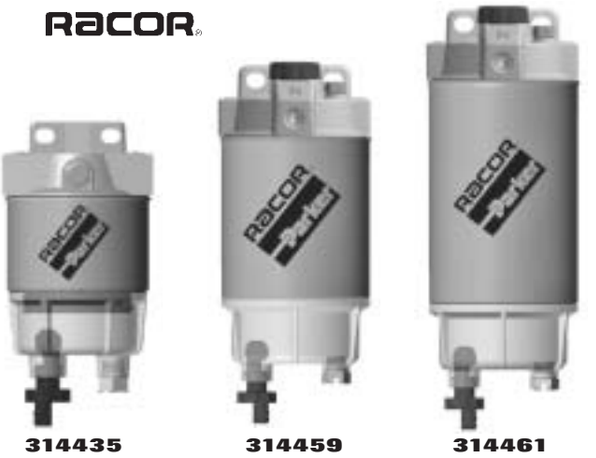
314614 (22628) **$14.70 G**



Racor Spin-On Fuel Filter/Water Separator

Designed for fuel-injected gasoline engines with high working pressures and can be used on diesel engines. Metal housing is standard. All units feature 1/4"-18 NPTF inlet and outlet fuel ports and a unitized mounting bracket. Available in 10 micron element only.

314411	(110A)	15 GPH	**$108.25 G**
314803	(R11T)	Replacement Filter - 10 Micron	**$21.10 G**



314435 314459 314461

Racor Diesel Spin On Fuel Filter/Water Separators

All units feature 1/4"-18 NPTF inlet and outlet fuel ports and a unitized mounting bracket. Features spin on, high capacity Aquabloc II replaceable filter elements which stop water and remove solid contamination. Has a replaceable spin on filters and contaminant collection bowl. Also have a spin on contaminant collection bowl.

314435	(120AS)	15 GPH with 2 Micron Element	**$107.15 G**
314814	(R12P)	Replacement Filter - 30 Micron	**$24.60 G**
314815	(R12S)	Replacement Filter - 2 Micron	**$23.85 G**

Racor Diesel Spin On Fuel Filter/Water Separators

All units feature 1/4"-18 NPTF inlet and outlet fuel ports and a unitized mounting bracket. They also include an in-head primer pump which allows the operator to hand prime the filter and simplifies service procedures. Features spin on, high capacity Aquabloc II replaceable filter elements which separate water and remove solid contamination. Also have a spin on contaminant collection bowl.

314459	(230R2)	30 GPH with 2 Micron Element	**$151.15 G**
314827	(R20S)	Replacement Filter - 2 Micron	**$32.05 G**
314457	(230R30)	30 GPH with 30 Micron Element	**$151.15 G**
314461	(245R2)	45 GPH with 2 Micron Element	**$156.65 G**
314840	(R25S)	Replacement Filter - 2 Micron	**$35.05 G**

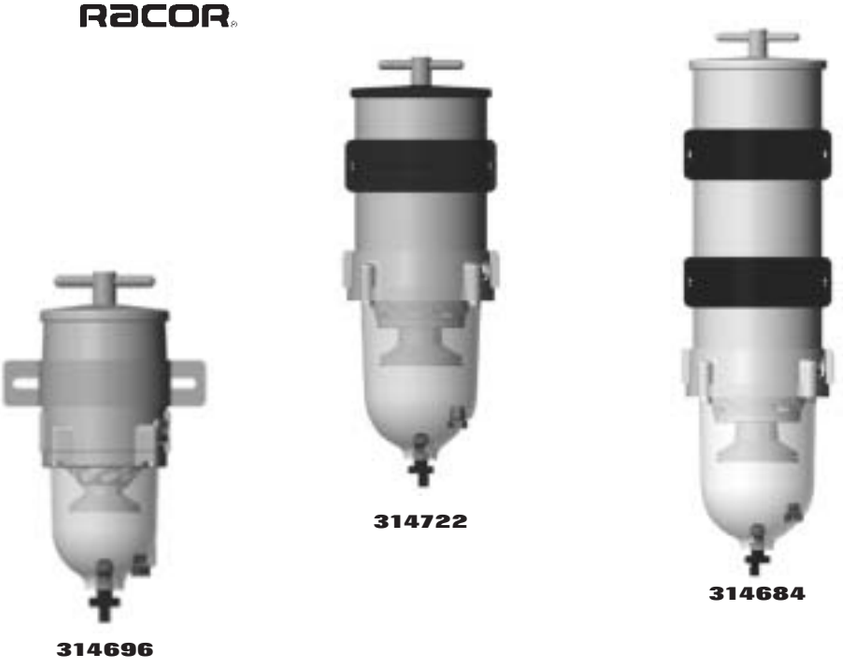
Racor In-line Gasoline Filter/Water Separator



Racor In-line Gasoline Filter/Water Separator
Installs quickly. Filters gasoline or gasoline/oil blended fuels. Separates water. Compact design. Heavy duty construction. 25 GPH. Head port size 1/4"-18 NPTF. Anodized die cast aluminum head with clear, reusable plastic bowl. Features a high capacity Aquabloc II filter element that removes sediment down to 10 micron and 99% of water. **For outboard engines, personal watercraft. Do not use with inboard engines or sterndrive boats.**

314423	(025-RAC-02)		**$85.85 G**
314515	(S2502)	Replacement Filter	**$19.30 G**

Racor Fuel Filter/Water Separators - Turbine Series



314696

314722

314684

Racor Fuel Filter/Water Separators - Turbine Series
Turbine Series filter assemblies are designed to be installed on the vacuum side of the fuel transfer pump for best efficiency and protect precision engine components from dirt, rust, algae, asphaltines, varnishes and especially water, which is prevalent in engine fuels. They remove contaminates from fuel using the following lengendary three stage process: Separation, Coalescing and Filtration. Heavy duty construction. Clear collection bowl. Self-venting water drain.

Model 500. 60 GPH. Height 11.5". Width 5.8". Depth 4.8". Standard fuel ports: 3/4"-16.

314696	(500FG2)	2 Micron	Uses 2010SM-OR Series Filters	**$246.70 G**

Model 900. 90 GPH. Height 17". Width 6". Depth 7". Standard fuel ports: 7/8"-14.

314722	(900FH2)	2 Micron	Uses 2040SM-OR Series Filters	**$344.05 G**
314723	(900FH30)	30 Micron	Uses 2040PM-OR Series Filters	**$344.05 G**

Model 1000. 180 GPH. Height 22". Width 6". Depth 7". Standard fuel ports: 7/8"-14.

314684	(1000FH2)	2 Micron	Uses 2020SM-OR Series Filters	**$389.40 G**
314685	(1000FH30)	30 Micron	Uses 2020PM-OR Series Filters	**$389.40 G**

Racor Fuel Filter/Water Separators - Marine Turbine Series

Marine Series - Includes Heat Shield

RACOR

Racor FuelFilter/Water Separators - Marine Turbine Series

Marine Turbine Series filter assemblies are designed to be installed on the vacuum side of the fuel transfer pump for best efficiency and protect precision engine components from dirt, rust, algae, asphaltines, varnishes and especially water, which is prevalent in engine fuels. They remove contaminates from fuel using the following legendary three stage process: Separation, Coaslescing and Filtration. Although the turbine has no moving parts, over 30% of the contaminants are removed here. Smaller water droplets and solids coalesce on the specially designed conical baffle and fall to the collection bowl. Includes: 2 micron element.



314702



314687



314752

60 GPH. Height 11.5". Width 5.8". Depth 4.8". Standard fuel ports: 3/4"-16.

314702 (500MA2) 2 Micron Uses 2010SM-OR Series Filters **$305.05 G**

90 GPH. Height 17". Width 6". Depth 7". Standard fuel ports: 3/8"-14.

314726 (900MA2) 2 Micron Uses 2040SM-OR Series Filters **$430.05 G**

180 GPH. Height 22". Width 6". Depth 7". Standard fuel ports: 3/8"-14.

314687 (1000MA2) 2 Micron Uses 2020SM-OR Series Filters **$473.80 G**

120 GPH. Height 11.5". Width 14.5". Depth 9.5". Standard fuel ports: 3/4"-16.

314750 (75500MAX30) 30 Micron Uses 2010SM-OR Series Filters **$1,176.20 G**

360 GPH. Height 22". Width 18.8". Depth 11". Standard fuel ports: 3/8"-14.

314752 (751000MAX2) 2 Micron Uses 2020SM-OR Series Filters **$1,678.05 G**



Racor Fuel Filter/Water Separator - Dual Valve Turbine Series

Maxium flow rate 360/540 GPH. Height 22". Width 21.5". Depth 11.8". Weight 52 lbs. Port size standard 3/4"-14.

314748 (791000MAV2) **$2,509.75 F**

Racor Replacement Filter Elements - Turbine Series

Includes lid seal and t-handle o-ring.

314524	(2000SM-OR) 2 Micron	For 200FG	**$20.70 G**
314526	(2000TM-OR) 10 Micron	Blue Caps	**$19.65 G**
314528	(2000PM-OR) 30 Micron	Red Caps	**$19.65 G**
314548	(2010TM-OR) 10 Micron	For **314702** and **314750**	**$11.70 G**
314560	(2010PM-OR) 30 Micron	For **314702** and **314750**	**$11.70 G**
314562	(2010SM-OR) 2 Micron	For **314702** and **314750**	**$11.70 G**
314583	(2020PM-OR) 30 Micron	For **314687** and **314752**	**$14.15 G**
314586	(2020TM-OR) 10 Micron	For **314687** and **314752**	**$14.15 G**
314598	(2020SM-OR) 2 Micron	For **314687** and **314752**	**$14.15 G**
314613	(2040TM-OR) 10 Micron	For **314726**	**$11.90 G**
314618	(2040PM-OR) 30 Micron	For **314726**	**$11.90 G**
314625	(2040SM-OR) 2 Micron	For **314726**	**$11.90 G**

Racor Replacement Filter Elements

314839	(R24S) 2 Micron	Element for 220	**$35.70 G**
314841	(R26S) 2 Micron	Element for 225	**$39.60 G**

RACOR

Racor Lifeguard Marine Fuel/Air Seperator

For diesel/gasoline engines. Vent line size: 5/8".

314708 (LG100) **$95.40 G**



Racor Accessories

RACOR



Racor Pipe Fittings

For 500FG (MAX) Series:

		Thread 1	Thread 2	Tube/Hose Size	
314762	(911-08-F4)	3/4"-16	1/4"-18	4	**$5.95 G**
314764	(911-08-F6)	3/4"-16	3/8"-18	6	**$6.95 D**
314766	(911-08-F8)	3/4"-16	1/2"-14	8	**$13.95 G**
		Thread 1	Hose ID	Tube/Hose Size	
314784	(913-08-H6)	3/4"-16	3/8"	6	**$43.95 G**
314786	(913-08-H8)	3/4"-16	1/2"	8	**$23.95 G**

For 900FG (MAX) and 1000FG (MAX) Series:

		Thread 1	Thread 2	Tube/Hose Size	
314775	(911-010-F6)	7/8"-14	3/8"-18	6	**$6.95 G**
314776	(911-010-F8)	7/8"-14	1/2"-14	8	**$7.95 D**
		Thread 1	Hose ID	Tube/Hose Size	
314780	(911-010-H6)	7/8"-14	1/2"	6	**$24.95 G**
314789	(913-010-H6)	7/8"-14	3/8"	6	**$28.95 G**
314791	(913-010-H8)	7/8"-14	1/2"	8	**$28.95 H**

RACOR



314741



314740

Racor Vacuum/Compound Gauge Kit

T-handle vacuum gauge kit. Includes: (1) Liquid filled vacuum gauge - 0-30 in. HG., lid fitting and O-ring.

314740 (RK11-1669) **$148.35 G**

Racor Vacuum Gauge Kit with Fittings

Includes gauge (RK11233) and 1 (7232-4) and 1 (7234-4) fitting instrument panel installation.

314741 (1606B) **$104.75 G**

GROCO



Groco Gasoline and Diesel Fuel Filter

Separates dirt, sediment and water from fuel; 2 to 5 micron filtration. Use with gasoline or diesel fuel. Drain dirt, sediment and water by removing drain plug at bottom of filter body. Piping is not disturbed when changing element. Pressure tested bronze castings and adjustable mount bracket. Inlet and outlet are 3/8" NPT. Maximum flow rate 3.5 GPM. Maximum pressure 50 PSI. Marine UL listed.

375053 (GF-376) Repl. Filter **$56.95 H**

RACOR

Racor Fuel Filter/Water Separator Accessories

314514	(RK30488)	Self-Venting Drain	**$38.40 G**
314716	(RK15279)	See-Thru Bowl w/Water Probe Port/Plug f/**314696**	**$63.50 G**
314718	(RK15211)	Assy. Seal Service Kit for **314696**	**$38.65 G**
314721	(RK11341)	Bowl Drain Gasket Kit for 500 Series	**$6.90 G**
314724	(RK11028B)	Check Ball and Seal for 900 and 1000 Series	**$18.65 G**
314728	(RK11-1404)	Seal Service Kit for 900 and 1000 Series	**$32.95 G**
314732	(RK11-1606)	See-Thru Bowl w/Water Probe Port/Plug f/900FG2	**$62.55 G**
314733	(11040)	Fitting, Drain for 900 and 1000FG	**$13.85 G**
314734	(11007)	Gasket - Bowl for 900 and 1000FG	**$2.95 G**
314735	(RK11-1938)	Replacement Bowl for 900 and 1000 Series	**$68.95 G**

RACOR



Racor Versatile RVFS Series

Racor RVFS Series filter vessel applications include removing liquid and solid contaminants from diesel fuel, gasoline, kerosene, aviation gas, jet fuel and other lubricating or hydraulic oils. RVFS vessels utilize proven filter design technology and can be used as coalescers, pre-filters or separators by changing internal components, flow direction or by selecting optional filter cartridges when ordering. The vessels are fabricated from carbon steel with an exterior primer coating of Gavlon suede gray and the interior is epoxy coated to meet MIL-C-4556E.

Element choices include coalescers, separators, particulate, clay bags, pre-filters or water absorbing cartridges.

Completely dressed factory filter vessels can be specified with differential pressure gauges, water sight glasses, air eliminators, and manual or automatic drains. Wall mount units can be special ordered. Consult factory for other options.

Fuel ports: 2". Maximum flow rate" 50 GPM. Maximum working pressure: Jet A, AV Gas Flow Rates. Clear pressure drop: 50 GPM. Temperature rating: Diesel Fuel Flow Rates, 25 GPM. Design pressure: 245 PSI. Design temperature: 250 F. Replacement elements: RK 22610. Height 39". Width 13.75". Depth 13.5". Dry weight 68 lbs. Minimum overhead space required for element change: 16".

Leg Mount System

314901 (RVFS) 50 Gallon Filter with Legs **$3,996.95 D**

MP Parts Oil Filters

4 Stroke Outboard Oil Filter Applications

Models	Years	OEM Part #	Mallory Part #
Honda			
BF8, BF9.9, BF20 (D Series)	All	15400-PFB-004	**9-57804**
BF25, BF30, BF40, BF50 (A Series)	All (Except AW Series & Up)	15400-PFB-004	**9-57804**
BF75, BF90, BF115, BF130, BF135	All	15400-PLM-A01PE, 15400-P0H-305PE	**9-57810**
BF150, BF200, BF225	All	15400-PLM-A01PE, 15400-P0H-305PE	**9-57810**
Johnson/Evinrude			
9.9/15 (OMC Built)	1995-2001	434839	**9-57813**
25/30	2000-2001	5031411	**9-57808**
40/50	1999-2002	5031411	**9-57808**
60	2002 and Up	5031411	**9-57808**
70	2001 and Up	5031411	**9-57808**
90 - 115 EFI	2003 and Up	5033539	**187896**
140 EFI	2003 and Up	5033919	**187897**
Mercury			
8/9.9/15	S/N G760300 & Up	35-822626Q1	**187913**
25-115 HP	S/N G760300 & Up	35-822626Q2	**9-57804**
225 HP	All	35-822626T7	**9-57812**
Nissan/Tohatsu			
9.8 - 30 HP	All	3R0-07615-0	**9-57804**
Suzuki			
DF25/30, DF40/50, DF60/70, DF400/DF500	All	16510-87J00	**9-57808**
DF90/115	All	16510-61A20-MHL, 16510-90J00	**9-57814**
DF140	All	16510-92J00, 16510-82703	**187897**
Yamaha			
F15	1998-1999	3FV-13440-00-00	**9-57809**
F15	2000-2005	5GH-13440-00-00	**9-57804**
F20, F25	1998-1999	3FV-13440-00-00	**9-57809**
F25	2000-2005	5GH-13440-00-00	**9-57804**
T25, F30	2001-2005	5GH-13440-00-00	**9-57804**
F40	1999-2000	3FV-13440-00-00	**9-57809**
F40	2001-2005	5GH-13440-00-00	**9-57804**
F50, T50	1996-1999	3FV-13440-00-00	**9-57809**
F50, T50, F60	2000-2005	5GH-13440-00-00	**9-57804**
T60, F75	2003-2005	5GH-13440-00-00	**9-57804**
F80	1999	3FV-13440-00-00	**9-57809**
F80	2000-2003	5GH-13440-00-00	**9-57804**
F90	2003-2005	5GH-13440-00-00	**9-57804**
F100	1999	3FV-13440-00-00	**9-57809**
F100	2000-2002	5GH-13440-00-00	**9-57804**
LF115	2000-2005	5GH-13440-00-00	**9-57804**
L/LF150/200/225/250	All	69J-13440-00-00	**9-57812**



MP Parts Oil Filters

9-57804	**$8.95 H**
9-57808	**$7.95 H**
9-57809	**$11.95 H**
9-57810	**$7.95 H**
9-57812	**$9.95 H**

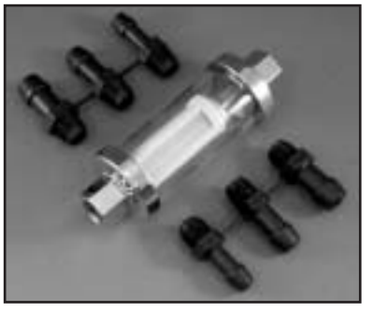
All oil filters are not created equal. These oil filters are designed to meet the requirements of the marine engines they are engineered to protect.

Features:

- High efficiency filter media removes harmful particles from your engine oil to prevent premature wear of internal bearing and components.
- High filtration capacity holds up to 45% more dirt than another leading national brand.
- Engineered to meet or exceed all OEM specifications.

FUEL, VENTILATION

In-Line Fuel Filters



Marpac E.Z. View Universal In-Line Fuel Filter

Transparent pyrex housing. Replaces any 1/4", 5/16" and 3/8" inline filter. For outboard use only.

7-0875 **$7.95 F 3Q**
7-0876 Replacement Filter Elements **$3.95 F 3Q**



Marpac Fuel Filters - Disposable

52 Pleats means more filtration per square inch. For outboard use only.

7-6965 3/8" **$3.95 F 3Q**
7-6966 1/4" and 5/16" **$2.95 F 3Q**



Sierra "GEN III Cool Fuel System Fuel Filter

Replaces:Mercruiser 35-866171A01. For:350 Mag MPI Alpha/Bravo, 350 Mag MPI Horizon Alpha//Bravo, 350 Mag MPI Horizon MIE, 350 Mag MPI MIE, 496 MAG, 496 MAG H.O., 5.0 MPI Alpha/Bravo, 8.1L Inboard, 8.1L Inboard H.O., MX 6.2L MPI Alpha/Bravo, MX 6.2L MPI Horizon Alpha/Bravo, MX 6.2L MPI Horizon MIE, MX 6.2L MPI MIE.

187977 (18-7977) **$42.83 H**



Sierra In-Line Fuel Filters

For use on all 2 and 4 cycle gasoline engines. Made of 149 micro precision nylon screen for dependable protection of your engine's fuel and carburetion system. Protected by a durable UV and alcohol resistant housing for long life. Sold each per display pack. Standard pack 10.

187829 (18-7829) Hose ID 1/4" **$5.35 H**
187830 (18-7830) Hose ID 5/16" **$5.07 H**
187831 (18-7831) Hose ID 3/8" **$4.91 H**



Racor Replacement Filter for Mercury Engines

This filter fits Mercury outboard engines. Legendary Aquabloc II, 2 micron filter media, removes up to 100% of free water and protects sensitive fuel system components from particulates. Sold two filters per pack.

314510 (31871) **$73.80 G**



Attwood Filter Funnel

Red. Non-splashing. Lightweight floating polyethylene plastic construction. 32 oz. capacity. Fine mesh screen filters out most foreign matter. Sold each. Standard pack 6.

237506 (8888-1) **$8.95 H 6K**



Moeller Flex Funnel - 18"

Made from a tough, high-density polypropylene. Great for gas/oil mix 2-cycle engines need. Stabilizing handle on all standard funnels conveniently allows for smooth steady pouring.

237507 (003603) **$6.95 H**



Racor Filter Funnel - 5 GPM

Heavy duty, fast-flow, filter-in-a-funnel that separates damaging free water and contaminants from gasoline, diesel, heating oil and kerosene.

314861 (RFF8C) **$46.65 G**

Blowers



Jabsco Flangemount Blowers
Constructed of a tough reinforced plastic housing and one-piece balanced plastic rotor for maximum corrosion resistance in marine environments. These are generally mounted with the discharge port fastened directly to a flat external surface to minimize required ducting. The inlet port can then be connected with duct hose to the area requiring ventilation. Conveniently mounts on any flat surface. **Note: 413904** (34744-0000) is not ignition protected and is not intended for bilge ventilation with gasoline engines.

413904 (34744-0000) 100 CFM	Inlet Port 3"	115V AC	**$164.95 F**
413916 (35115-0020) 105 CFM	Inlet Port 3"	12V DC	**$73.95 F**
413928 (34739-0010) 150 CFM	Inlet Port 3"	12V DC	**$129.95 F**
413966 (35400-0000) 250 CFM	Inlet Port 4"	12V DC	**$157.95 F**



Bilge Blower
Injection molded ABS housing. Hose diameter 3". 100 CFM. Uses 1/4" fasteners. 12 volt.

336481 (435210) **$27.95 F**



Jabsco Flexmount Blowers
Flexmount blowers have both inlet and outlet ports designed for slip-on flexible duct connections. The blower may be rotated in the mounting bracket to permit installation with the discharge port in any direction. 12V DC. Inlet port 3".

414019 (35515-0010) 105 CFM **$81.95 F**
414021 (36740-0000) 150 CFM **$139.95 F**



Detroit Marine Tunnel Blowers
The tunnel design places the motor in the center of the air flow for cooler operation, which results in a lower amp draw. Vanes inside the blower housing direct the air for decreased turbulence and increased efficiency and output. Both models are BIA approved and rated and meet U.S. Coast Guard Safety Standards. A rigid one piece molded Delrin plastic impeller provides balanced, vibration free performance. The blower housing is molded of tough, corrosion proof ABS plastic. Special clips on hose flanges eliminate the need for hose clamps. The blowers may be remote mounted, using a built-in mounting bracket, or transom or deck mounted, using a built-in transom vent or deck mounting flange.

327500 (7-5-1) 4" **$18.95 F**
327501 (7-5-4) 3" **$18.95 F**



Rule In-Line Blowers
Efficient high volume air flow. Quiet operation. Low amp draw. Slip on inlet and outlet ducting connections. Sealed motor shaft for moisture protection. Corrosion resistant nikel plated motor housing. ABYC-H2. ISO 9097:8846. IMCI (CE). N.M.M.A. type accepted. USCG 183.410 Compliant, Ignition protected.

237001 (140) 3" Blower **$21.95 F**
237013 (240) 4" Blower **$23.95 F**

Blower Vent Hoses



Marpac Blower Vent Hose
7-2835 3" x 10' **$15.95 F 30**



MPI Products Series 400 Blower Vent Hose
PVC blower vent hose supported by copper plated wire helix and resistant to ozone, sunlight and weathering. White.

771609 (400-3003) 3" x 10' Package **$13.95 L**
771610 (400-4003) 4" x 10' Package **$14.95 L**
771611 (400-3000) 3" x 50' Box **$59.95 L**
771623 (400-4000) 4" x 50' Box **$62.95 L**

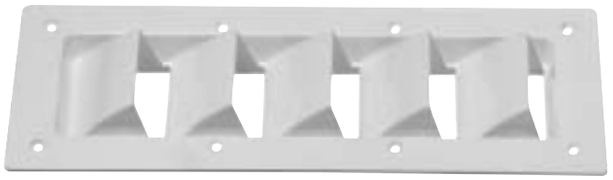
Marpac 5 Louvered Vents



Marpac 5 Louvered Vents
Polished stainless steel. Overall dimensions: 4-5/16" x 12-5/8". Cut out: 3-3/8" x 12".

7-0092 **$16.95 F 3Q**

Detroit Marine Louvered Vents



Detroit Marine Louvered Vents
Made of tough ABS plastic to prevent corrosion and discoloration. Length 14". Height 5-3/4". Depth 1" with 1/2" flush height. Cut out is 12-1/4" by 3-3/4".

327557 (7-2-1) White **$8.95 F**
327569 (7-2-2) Black **$8.95 F**

Louvered Vents



Perko Fig. 335 Louvered Vents
Chrome plated brass. Louvers length 3". Uses #4 fasteners. Height 3-1/2". Sold each per display pack. Standard pack 5.

537451 (335 03A DP) Width 4" **$22.95 H**
537463 (335 09A DP) Width 11" **$37.95 H**



Marpac Louvered Vent
Constructed of stamped 304 stainless steel. Width 5". Height 2-5/8". Uses #6 fasteners.

7-1400 **$3.95 F 3Q**



Attwood Louvered "Venturi" Vent
Made of rugged ABS plastic, chrome plated for lasting beauty. Measures 2-1/2" wide, 17" long, 11/16" high (3/4" neck). Hole size 2-1/8" x 15-1/2". Predrilled for four size 8 screws.

333614 (1494-5) **$33.95 H**



Perko Fig. 336 Louvered Vent
Chrome plated brass. Louvers length 3". Uses #4 fasteners. Dimensions 5-3/8" x 4". Sold each per display pack. Standard pack 5.

537467 (336 05A DP) **$31.95 H 5J**

Perko Locker Ventilators

PERKO®



Perko Fig. 330 Locker Ventilators
Chrome plated brass. Uses #6 fasteners. Sold each per display pack. Standard pack 10.

537425 (330 DP1 CHR) Diameter 2-1/2" **$5.95 H**
537437 (330 DP2 CHR) Diameter 3-1/4" **$8.95 H 10J**

Perko Transom or Locker Ventilators

PERKO®



Perko Fig. 1271 Transom or Locker Ventilator
Chrome plated zinc with anodized aluminum expanded mesh screen. Dimensions: 6" x 2". Uses #8 fasteners. Sold each per display pack. Standard pack 10.

533960 (1271 DP CHR) **$15.95 H**

PERKO®



Perko Fig. 1238 Transom or Locker Ventilator
Chrome plated zinc with anodized aluminum grill-type screen. Dimensions: 8-3/8" x 2-1/4". Uses #8 fasteners. Sold each per display pack. Standard pack 10.

533679 (1238 DP CHR) **$13.95 H**

Perko Cowl Vents

PERKO®



Perko Fig. 870 Cowl Vent with Collar
Chrome plated zinc. 3" duct threads into neck. Length overall 5-1/8". Width overall 4". Height overall 2-3/4". Mouth opening square 7". Uses #10 fasteners. **Note:** Hose clamps not required. Sold each. Standard pack 5.

542779 (870 000 CHR) **$38.95 H**

PERKO®



Perko Fig. 1312 "Chromalex" Cowl Vent
Chrome plated zinc with black plastic base. 3" duct threads into neck. Length overall 5-3/4". Width overall 4-3/8" Height overall 2-5/8". Mouth opening square 8". Uses #8 fasteners. **Note:** Hose clamps not required. Sold each per display pack. Standard pack 5.

534417 (1312 DP CHR) **$31.95 H 5J**

Marpac Clam Shell Vents



Marpac Midget Clam Shell Vent
Made of 18-8 stainless steel and polished, this streamlined midget ventilator has many uses, including shielding gas tank vents. Dimensions: 2″ x 2″.

7-0090 **$1.95 F**



Marpac Mini Clam Shell Vent
Polished stainless steel. Dimensions: 1-3/4" x 1-5/8".

7-0089 **$1.95 F**

Perko Clam Shell Vents



Perko Fig. 315 Midget Clam Shell Vents

Chrome plated brass. .040 thickness. Height opening 7/16". Width opening 7/8". Base dimension 1-5/8" x 1-1/2". Uses #4 fasteners. Sold each per display pack. Standard pack 10.

537247 (315 DP1 CHR) **$5.95 H**

Chrome plated brass. .040 thickness. Height opening 9/16". Width opening 1-7/8". Base dimension 2" x 2". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

537261 (315 DP2 CHR) **$7.95 H 10J**



Perko Fig. 339 Clam Shell Vent
Chrome plated brass. Width opening 2-1/2". Height opening 1-5/8". Base dimension 4" x 3-3/4". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

537487 (339 DP CHR) **$32.95 H 5J**

T-H Marine Clam Shell Vent



T-H Marine Clam Shell Vent
These super-strong molded clam shells are an economical and attractive alternative for metal clam shells. These clam shells are great for routing cables or wires thru a hole or for covering thru hull openings to shield water spray. These vents are UV and weather resistant. Opening 9/16″ H x 1-7/8″ W. Base 2″ x 2″. Black.

640806 (CS-1) **$6.95 H**

Optronics L.E.D. Waterproof Trailer Light Kits

NEW ITEM

Optronics L.E.D. Waterproof Over 80" Trailer Light Kit - Aero Pro

Includes: (2) L.E.D. universal mount tail lights with red side markers/reflectors, (2) seated amber side markers, license bracket, 25' wiring harness and hardware.



522815 (TLL-36RK) **$94.95 F**

Optronics L.E.D. Waterproof Over 80" Trailer Light Kit - Low Profile

Includes: (2) L.E.D. stud-mount tail lights with red side markers/reflectors, license bracket, 25' wiring harness and hardware.



522804 (TLL-16RK) **$70.95 F**

Optronics L.E.D. Waterproof Trailer Light Kit

Includes: (2) L.E.D. stud-mount tail lights with red side markers/reflectors, license bracket, 25' wiring harness and hardware.



502785 (TLL-9RK) **$63.95 F**

NEW ITEM

Optronics L.E.D. Waterproof Trailer Light Kit

Includes: (2) L.E.D. universal mount tail lights with red side markers/reflectors, license bracket, 25' wiring harness and hardware.



522820 (TLL-56RK) **$82.95 F**

Submersible Over 80” Trailer Light Kits



Optronics Submersible Over 80" Trailer Light Kit
Includes: (2) Stud-mount tail lights with red side markers/reflectors, license bracket, 25’ wiring harness and hardware.

523010 (TL-6RK) **$30.95 F**



Wesbar
Submersible Over 80” Trailer Light Kit - Low Profile
Contains: Left and right waterproof tail lights, two amber side marker lights, license plate bracket, 25' wishbone trailer harness, 4' trunk connector, mounting bolts, hardware and complete wiring instructions.

684444 (7509) **$55.95 F**



Optronics
Submersible Over 80” Trailer Light Kit - Low Profile
Includes: (2) Universal mount tail lights with red side marker lights, (2) sealed amber side markers, (2) amber reflectors, license plate bracket, 25’ wire harness and hardware. Display package.

522954 (TL-16RK) **$43.95 F**

Submersible Under 80” Trailer Light Kits



Optronics Submersible Under 80” Trailer Light Kit
Includes: (2) Stud-mount tail lights with red side markers/reflectors, license bracket, 25’ wire harness and hardware.

522951 (TL-9RK) **$26.95 F**



7-0013S



Wesbar Submersible
Under 80” Trailer Light Kit
Contains: Left and right multifunction submersible tail lights, license plate bracket, 20' wishbone trailer harness, 4' trunk connector, hardware and complete wiring instructions.

684387 (007511) **$40.95 F**



7-0013

Marpac Submersible Under 80” Trailer Light Kits
Easy to install. Includes: Tail lights, wiring harness, license plate bracket, mounting hardware and complete instructions. Meets all SAE/DOT specifications for under 80" wide trailers when properly installed.

7-0013 **$26.95 F 3Q**
7-0013S **$16.95 H**

Economy Trailer Light Kits



Optronics Economy Trailer Light Kit
Includes: (2) Stud mount Plug-N-Go tail lights with red side marker reflectors, license plate bracket, 25' wire harness and hardware. Display package.

522950 (TL-8RK) **$24.95 F**



Wesbar Economy Trailer Light Kit
Contains: Left and right lights, plastic license plate bracket, 20' wishbone trailer harness, 4' trunk connector, hardware and complete wiring instructions.

684363 (407500) **$31.95 F**

Optronics L.E.D. Waterproof Tail Lights



Optronics L.E.D.
Waterproof Over 80" Tail Lights - Low Profile
Single universal mount profile. Sold each.

522806 (STL-16RS)	Right		**$36.95 F**
522808 (STL-17RS)	Left with Illuminator		**$39.95 F**



Optronics L.E.D. Waterproof Tail Lights
Single stud mount tail light. Sold each.

522787 (STL-6RS)	Right	**$32.95 F**
522789 (STL-7RS)	Left	**$36.95 F**
522906 (A-9R)	Replacement Lens	**$1.95 F**

Submersible Over 80" Tail Lights

Optronics Submersible Over 80" Tail Lights
Single stud mount tail light, 7 function right or 8 function left. Left light has a license plate illuminator.

522929 (ST-5RS)	Left	8 Function Tail Light	**$10.95 F**
522917 (ST-4RS)	Right	7 Function Tail Light	**$10.95 F**
522905 (A-8R)	Replacement Lens with Gasket		**$3.95 F**





Wesbar Submersible
Over 80" Tail Lights
These lights are ideal for boat and PWC trailers over 80" wide. Gasketed lenses protect bulbs and contacts using the "bell jar" principle when the trailer is submerged in water. These lights meet DOT 180 requirements for trailers over 80" wide when properly mounted. Left light includes a license plate illuminator.

684680 (003024)	Left	8 Function Tail Light	**$15.95 F**
684692 (003074)	Right	7 Function Tail Light	**$16.95 F**
685137 (403335)	Replacement Lens - Square Tail Light		**$1.95 F**
219596 (1157)	Replacement Bulb - Tail Light		**$1.95 H**



Optronics Submersible Over 80" Tail Lights
ST-56RS is 7-function: stop, turn, tail, rear reflex, side marker, rear clearance and side reflex. 8-function ST-57RS is same as ST-56RS plus license illuminator. Includes separate ground wire. Features snap-on, replaceable lens and easy to change replaceable bulb. Shock proof socket guarantees long bulb life. All-weather molded plastic housing and durable lens protect against corrosion.

684763 (ST-57RS)	Left	8 Function Tail Light	**$10.95 F**
684775 (ST-56RS)	Right	7 Function Tail Light	**$9.95 F**

TRAILER ACCESSORIES

Submersible Over 80" Tail Lights



Optronics
Waterproof Over 80" Tail Lights - Low Profile

Features a sealed lamp capsule that protects the bulb and electrical contact from damage by water and corrosion. 7 function right or 8 function left. Left light has a built-in license plate illuminator.

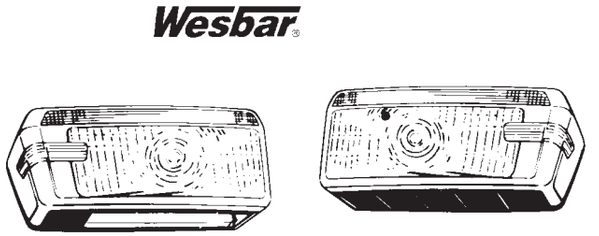
522967	(ST-17RS)	Left	8 Function Tail Light	**$13.95 F**
522955	(ST-16RS)	Right	7 Function Tail Light	**$12.95 F**



Wesbar Waterproof Over 80" Tail Lights - Low Profile

Featuring a reliable waterproof design, these lights have a bulb replaceable capsule that protects the bulbs from corrosion and thermal shock but still alows for easy access for bulb replacement. These lights meet DOT 108 requirements for trailers over 80" wide when properly mounted. 7 function right or 8 function left. Overall dimensions: 8" L x 2-7/8" H x 2-3/4" D.

684743	(403026)	Left	8 Function Tail Light	**$20.95 F**
684755	(403076)	Right	7 Function Tail Light	**$20.95 F**
685315	(403336)	Replacement Lens Set - Tail and Side		**$6.95 F**
685051	(403348)	Replacement Sealed Bulb Capsule		**$10.95 F**



Wesbar Waterproof Over 80" Tail Lights - Wrap-Around

A sealed capsule protects bulbs from corrosion and thermoshock failure and creates a reliable waterproof design. These lights meet DOT 108 requirements for trailers over 80" wide when properly mounted. 7 function right or 8 function left. Left light includes a built-in license plate illuminator. Overall dimensions: 8" L x 3-1/4" H x 3-3/8" D.

684907	(403028)	Left	8 Function Tail Light	**$22.95 F**
684921	(403078)	Right	7 Function Tail Light	**$22.95 F**
685226	(003372)	Replacement Lens - Left		**$6.95 F**
685238	(003373)	Replacement Lens - Right		**$6.95 F**
685051	(403348)	Replacement Sealed Bulb Capsule		**$10.95 F**

Optronics Submersible Under 80" Tail Lights



Optronics Submersible Under 80" Tail Lights

ST-6RS is 6 function: stop, turn, tail, rear reflex, side marker, and side reflex. 7-function ST-7RS is same as ST-6RS plus license illuminator. Grounds through mounting studs. Mounts on 2" centers. Features screw-on, replaceable lens and easy to change replaceable bulb. Shock proof socket guarantees long bulb life. All-weather molded plastic housing and durable lens protect against corrosion. Includes gasket for weather tight seal.

684678	(ST-7RS)	Left	7 Function Tail Light	**$9.95 F**
684666	(ST-6RS)	Right	6 Function Tail Light	**$9.95 F**
685137	(3335)	Replacement Lens - Square Tail Light		**$1.95 F**
685163	(3337)	Replacement Lens - Red Side Marker		**$1.95 F**

Economy Tail Lights



Wesbar Standard Over 80" Tail Lights
These lights meet DOT 108 requirements for trailers over 80" wide when properly mounted. 7 function right or 8 function left. Wiring uses the quick connect and disconnect feature.

684657 (403062) Right 7 Function Tail Light **$14.95 F**



Optronics Economy Tail Lights
Single stud mount Plug-N-Go tail light. Sold each.

522943 (ST-9RS) Left 7 Function Tail Light **$7.95 F**
522931 (ST-8RS) Right 6 Function Tail Light **$7.95 F**
522905 (A-8R) Tail Light Lens with Gasket **$3.95 F**
522906 (A-9R) Side Lens with Gasket **$1.95 F**



Wesbar Standard Under 80" Tail Lights
This tail light is designed for a variety of under 80" light duty trailers. 7 function right or 8 function left. Wiring uses the quick connect and disconnect feature.

684608 (403010) Left 8 Function Tail Light **$10.95 F**
684627 (403060) Right 7 Function Tail Light **$10.95 F**

Magic Tilt Tail Lights
303254 (RM1210) Right **$22.95 H**

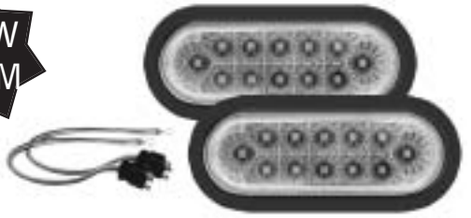
L.E.D. Stop, Turn and Tail Lights



Optronics L.E.D. Oval Sealed Stop, Turn and Tail Lights
(10 Super Diodes) - 6" polycarbonate housing/lens with rubber grommet and standard 3-pin pigtail. Sold each.

522791 (STL-72RK) Left or Right **$27.95 F**
522792 (STL-72RS) Module Only **$24.95 F**

NEW ITEM



Optronics L.E.D. Waterproof Trailer Light Kit
Includes: (2) Each clear lens LED stop/turn/tail lights, gromments and plugs for quick and easy retrofit.

522810 (TLL-22RK) **$54.95 F**

Stop, Turn and Tail Lights



Wesbar Red Stop, Turn and Tail Light
Oval design allows for installation in narrower channels. Hermetically sealed lens-to-base seals out corrosion contributing salt and rain. Structurally immune to extreme heat and cold. Lenses meet FMVSS/CMVSS 108 requirements. Includes rubber grommet and standard pigtail. 6-1/2" x 2-1/4" x 2-3/8" depth. Cutout: 6-3/4" x 2-1/2".

684922 (403080) **$12.95 F**
665110 (413560) Bulk **$10.95 F**
665123 (413561) Module Only **$9.95 F**
684327 (403087) Clear Backup Light **$9.95 F**



Optronics Red Stop, Turn and Tail Light
Oval sealed flush mount. 6" long polycarbonate housing/lens with rubber grommet and standard 3-pin pigtail.

522993 (ST-70RK) Red Stop, Turn and Tail Light Kit **$8.95 F**
523008 (ST-70RS) Single-Sealed Replacement Unit **$5.95 F**

Identification ID Light Bars



Optronics Waterproof Identification ID Light Bar
3 piece identification light bar with stainless steel base. Red.

522890 (MC-97RK) **$13.95 F**



Optronics Waterproof Identification ID Light Bar
Three fully waterproof lamps are fastened on 6" center to this stainless steel bar. The unit comes pre-wired with a 60" lead and can be mounted in protected areas because of its low profile. The watertight lights are molded in durable polycarbonate. Red waterproof modules Dimensions: 14-1/4" x 1-1/8" x 1".

684969 (MC-93RK) **$12.95 F**



Optronics L.E.D. Waterproof Identification ID Light Bar
Plastic polycarbonate. 3 sealed marker lights mounted on tough polycarbonated plastic bar. Prewired for easy installation.

522886 (MCL-93RK) **$25.95 F**



Anderson Mini Identification ID Light Bar
Economical identification bar light for over 80" applications. Corrosion resistant bar is powder coated white with three 107 lights attached. Mounts on 16-1/2" centers and grounds through mounting hardware. Red.

223748 (E107-3) **$8.95 F**

L.E.D. Clearance and Side Marker Lights



Optronics L.E.D. Clearance and Side Marker Lights
Sealed, waterproof. Plug and chrome base included.

522882	(MCL-91AK)	Amber	**$8.95 F**
522884	(MCL-91RK)	Red	**$7.95 F**



NEW ITEM

Optronics L.E.D. Clearance and Side Marker Lights - Stud Mount
Sealed, waterproof. Stainless steel base.

522892	(MCL-95AS)	Amber	**$7.95 F**
522894	(MCL-95RS)	Red	**$7.95 F**

Waterproof Clearance and Side Marker Lights



Wesbar Waterproof Clearance and Side Marker Light
Sonically-sealed waterproof with reflex lens. Surface/stud mount base. Features a pre-installed 15" pigtail and flexible mounting with optional mounting wedge. Meets FMVSS/CMVSS 108 requirements for clearance/marker lights when properly mounted. Dimensions: 4-3/4" x 1-7/16" x 1-1/4".

684900 (203260) Amber **$8.95 F**



Wesbar Waterproof Clearance and Side Market Lights
Sonically-sealed waterproof with break resistant polycarbonate lens. White stud-mount base. Features a pre-installed 15" pigtail. Meets FMVSS/CMVSS 108 requirements for clearance/marker lights when properly mounted. Dimensions: 2-1/8" x 1-1/8" x 1-1/16".

684882	(203233)	Amber	**$7.95 F**
684894	(203234)	Red	**$7.95 F**



Optronics Sealed Clearance and Side Marker Lights
Sealed marker/clearance light mounts on self-grounding black base.

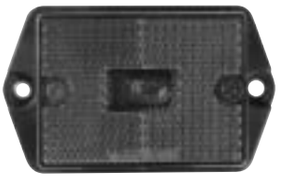
684856	(MC-92RS)	Red	**$3.95 F**
684868	(MC-92AS)	Amber	**$3.95 F**
684820	(203396)	Red Clearance Light Module Only	**$2.95 F**
684832	(203395)	Amber Clearance Light Module Only	**$2.95 F**



Optronics Clearance and Side Marker Lights
Single sealed light attached to stainless steel, stud-mount base.

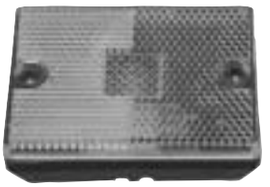
522888	(MC-95RS)	Red	**$3.95 F**
522889	(MC-95AS)	Amber	**$3.95 F**

Clearance and Side Marker Lights



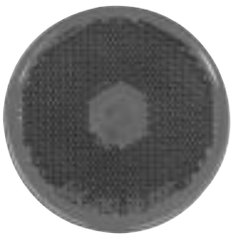
Optronics Clearance and Side Marker Lights
Screw-in lens. Self-grounding ear mount.

522850 (MC-35AS) Amber **$3.95 F**
522852 (MC-35RS) Red **$3.95 F**



Optronics Clearance and Side Marker Lights
Screw-in lens. Stud-mount.

522854 (MC-36AS) Amber **$3.95 F**
522866 (MC-36RS) Red **$3.95 F**



223702

Optronics Sealed Clearance and Side Marker Lights
Lexan lens, with built-in reflector optics, and housing sonically sealed in a single unit. Requires a 2-1/2" mounting grommet and 142-49 plug to complete installation. Diameter 2-1/2".

223702 (MC-57RS) Light Only, Red **$3.95 H**
223762 (MC-57AS) Light Only, Amber **$3.95 H**



Optronics Sealed Clearance and Side Marker Lights
Single sealed light mounts on stylish chrome base.

522878 (MC-91AS) Amber **$3.95 F**
522880 (MC-91RS) Red **$3.95 F**



Wesbar Clearance and Side Market Lights
Featuring reflex lens and quick connect wiring installation. Black ear-mount base. Dimensions: 3-1/8" x 2-3/8" x 1".

604821 (203131) Amber **$5.95 F**
604822 (203133) Red **$5.95 F**



Wesbar Clearance and Side Market Lights
Stud mount light with reflex lens and 18" wire lead. Includes a tapered base for easy installation. Dimensions: 2-3/4" x 2" x 1".

684809 (203117) Amber **$5.95 F**
684819 (203116) Red **$5.95 F**



223782



223788

Optronics Sealed Clearance and Side Marker Lights
Lens and housing sonic welded into a single unit for maximum service and protection. Requires a 2" mounting grommet and 142-49 plug to complete installation. Diameter 2".

223782 (MC-53AS) Light Only, Amber **$2.95 F**
223788 (MC-53RS) Light Only, Red **$2.95 F**

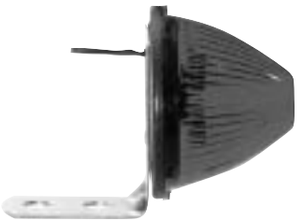


Anderson Clearance and Side Marker Lights
Light surface mounts on 2-3/4" centers. Acrylic lens looks into base. Overall length 3-1/4" x 1" wide x 1-1/8" high.

223784 (V107WR) Red **$2.95 F**
223785 (V107WA) Amber **$2.95 F**

TRAILER ACCESSORIES

Truck Clearance Lights



Anderson Truck Clearance Lights
2-1/2" diameter x 1-5/8" cone shaped snap-on lens with GE168 wedge base bulb. L-shape zinc plated bracket – measures 1" x 1-1/2".

223750 (M110R) Red **$2.95 H**
223754 (M110C) Clear **$3.95 H**



T-H Marine Trailer Backing Light
Molded polycarbonate light. The bright 21 candle power bulb gives ample lighting for safe trailer backing. The unit mounts as simply as a thru hull fitting and wires directly into the trailer wire harness for power. Head diameter is 1-7/8" and requires a 1-3/8" hole.

640612 (TBL-1) **$20.95 H**

Optronics Mini License Light



Optronics Mini License Light
Chrome plated. Sold each per clam pack.

223874 (LP-31CS) **$3.95 F**

Optronics Rectangular Reflectors



Optronics Rectangular Reflectors
Acrylic rectangular reflectors for surface mount. Self-adhesive. Sold per pair, clam pack.

685199 (RE-10RK) Red **$2.95 F**
685203 (RE-10AK) Amber **$2.95 F**

Optronics License Plate Brackets



Optronics Rust Proof License Plate Bracket
Angled license plate bracket, made of rust proof black polymer. For use with stud mount license lights.

685098 (LP-10S) **$2.95 F**

NEW ITEM



Optronics Steel License Plate Bracket

223800 (LP-15S) **$2.95 F**

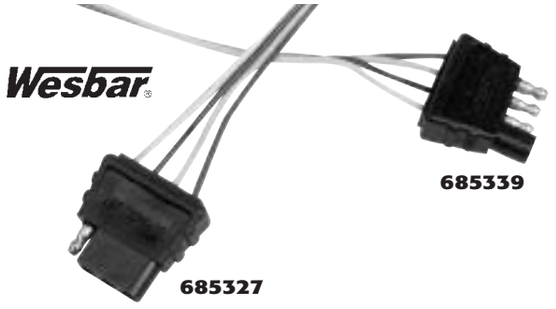
Wiring Harnesses and Electrical Connectors


7-0525


7-0526

Marpac 4-Way Trailer/Car Wiring Harnesses
4-way flat plug. Color coded wire indexed connector molded to the wire, eliminating possibility of corrosion and shorting due to moisture.

7-0525 Male Plug with 1' Wire **$2.95 F 3Q**
7-0526 Female Plug with 4' Wire **$4.95 F 3Q**

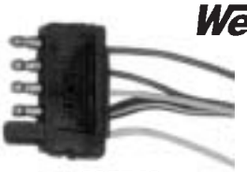

685339

685327

Wesbar 4-Way Wiring Harness Connectors
Flat, 4-way trailer connectors. All connectors have an 18" ground wire. Conforms to all applicable SAE, NMMA and TMA standards. Sold each.

685327 (7275) 4' Trunk Connector **$4.95 F**
685339 (7285) 18" Trailer Connector - Wunside **$3.95 F**
685450 (7286) 18" Trailer Connector - Wishbone **$4.95 F**
685388 (7254) 2' Extension Harness - 4-Way to 4-Way **$5.95 F**


685366


685342

Wesbar 5-Way Wiring Harness Connectors
Flat, 5-way trailer connectors. Conforms to all applicable SAE, NMMA and TMA standards. Sold each.

685366 (7273) 6' Trunk Connector with 6' Ground **$7.95 F**
685342 (7283) 4' Trailer Connector with 4' Ground **$6.95 F**
685389 (7255) 2' Extension Harness - 5-Way to 5-Way **$7.95 F**



Marpac 5-Way Trailer/Car Wiring Harnesses
5-way flat plug. Color coded wire indexed connector molded to the wire, eliminating possibility of corrosion and shorting due to moisture.

7-0504 Male Plug with 1' Wire **$4.95 F 3Q**
7-0505 Female Plug with 4' Wire **$4.95 F 3Q**

Marpac 4-Pole Trailer Test Plug with Cap
LED's glow to show working circuits. Checks brake, tail and turn lights.

7-0503 **$4.95 F 3Q**



Wesbar 4-Way "Wishbone" Trailer Wiring Kit
685529 (A-25WH) Length 25' **$15.95 F**

NEW ITEM



Wesbar 5-Way "Wishbone" Trailer Wiring Kit
523295 (A-255WH) Length 25' **$15.95 F**

TRAILER ACCESSORIES

Wiring Harnesses and Electrical Connectors



Marpac 7-Round to 4-Way Trailer Adapter

These one piece adapters go from a 7-round blade socket (vehicle) to a 4-way flat plug (trailer).

7-0506 **$7.95 F 3Q**



7-0507

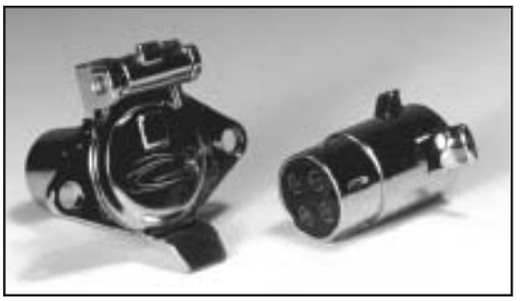


7-0527

Marpac 7-Round to 5-Way Trailer Adapters

These one piece adapters go from a 7-round blade socket (vehicle) to a 5-way flat plug (trailer).

7-0507 **$8.95 F 3Q**
7-0527 Length 16″ **$12.95 F 3Q**



Sierra 4-Way Trailer Connector

Chrome plated. 4 pole connector. ABS interior with split brass pins for secure electrical contact. 2 mounting holes 1-13/16" on center.

364633 (TC4307) **$9.87 H**



222818



222819

Anderson 6-Way Round to 4-Way Flat

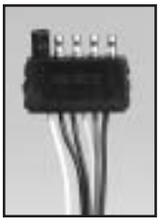
Converts 6-way round pin connector to 4-way flat connector. Easily adapts tow vehicle connector to trailer connector. Full length plug shell ensures positive latching. Features non-corrosive nylon shell.

222818 (V5413) **$10.95 H**

Anderson 7-Way Blade to 4-Way Flat

Converts 7-way round blade connector to 4-way flat connector. Easily adapts tow vehicle connector to trailer connector. Full length plug shell ensures positive latching. Features non-corrosive nylon shell.

222819 (V5414) **$12.95 F**



685541



685359

Wesbar Trunk and Trailer Wiring Components

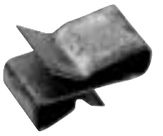
685359 (707250) 7-Way Round to 5-Way Flat - 18" Wire **$16.95 F**
685330 (702405) 5-Way 18" Trailer Connector - Wunside **$6.95 F**
685541 (707105) 5-Way 25″ Harness Kit (Complete) **$27.95 F**

Anderson

Medium Strength Frame Clips

Frame clips can be used to hide or keep wires and wire harness in place and away from potential damage. Sold 10 pieces per pack.

223975 (E510-72) **$1.95 F**



Marpac Trailer Winches

Marpac 2-Speed Trailer Winch with Brake
25' nylon strap with zinc plated hook included. 2,500 lbs. maximum capacity. Saltwater tested Dichromate coating for supreme corrosion resistance. Speed gear ratio (12:1) + power gear ratio (5:1). Brake lever for more control during descent. Two-way ratchet with neutral. Solid one-piece gears. Power Grip for comfort and control.

7-1596 **$119.95 F 3Q**

Marpac Dual Gear Trailer Winch
20' nylon strap with zinc plated hook included. 2,000 lbs. maximum capacity. Saltwater tested Dichromate coating for supreme corrosion resistance. 5:1 gear ratio. Two-way ratchet with neutral. Solid one-piece gears. Power Grip for comfort and control.

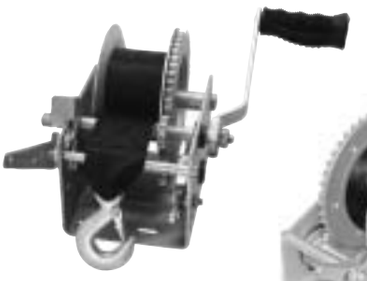
7-1594 **$61.95 F 3Q**

Marpac Trailer Winches
20' nylon strap with zinc plated hook included. 1,800 lbs. maximum capacity. Saltwater tested Dichromate coating for supreme corrosion resistance. 5:1 gear ratio. Two-way ratchet with neutral. Solid one-piece gears. Power Grip for comfort and control.

7-1592 **$47.95 F 3Q**

20' nylon strap with zinc plated hook included. 1,200 lbs. maximum capacity. Saltwater tested Dichromate coating for supreme corrosion resistance. 4:1 gear ratio. Two-way ratchet with neutral. Solid one-piece gears. Power Grip for comfort and control.

7-1590 **$36.95 F 3Q**


7-1596

Strap Included


7-1594


7-1592

NEW ITEM

marpac Premier

Shelby Hand Winches

Shelby Hand Winches
Made of rugged high-carbon steel and coated with an oven-cured powder epoxy paint finish which provides excellent resistance to rust, corrosion, weathering and abrasion. Provide structurally superior pinions and eliminate gear-to-shaft bonding failures. All reel and pinion gear shafts turn on oil-impregnated bearings for smooth operation. All gears are heat-treated for longer life. Frames are embossed for extra strength. All winch reels feature bolt holes for use with winch straps.

Shelby Industries

Single Speed Winches

610205 (5402)	600 lbs.	Gear Ratio 3.1:1	**$24.95 F**
610229 (5403)	900 lbs.	Gear Ratio 3.1:1	**$26.95 F**
610243 (5404)	1,200 lbs.	Gear Ratio 4.1:1	**$33.95 F**
610255 (5405)	1,400 lbs.	Gear Ratio 4.1:1	**$39.95 F**
610335 (5505)	1,400 lbs.	Gear Ratio 4.1:1 - Includes Strap	**$52.95 F**
610267 (5407)	1,700 lbs.	Gear Ratio 5.1:1	**$50.95 F**
610279 (5408)	1,900 lbs.	Gear Ratio 5.1:1	**$57.95 F**
610293 (5409)	2,100 lbs.	Gear Ratio 5.1:1	**$80.95 F**

Two Speed Winches

610306 (5461)	2,300 lbs.	Gear Ratio 4.1:1/11.8:1	**$100.95 F**
610320 (5470NR-81Z)	2,800 lbs.	Gear Ratio 5.1:1/14.7:1 Narrow	**$107.95 F**
610332 (5481)	3,200 lbs.	Gear Ratio 5.1:1/14.7:1	**$139.95 F**


610229


610320

Shelby Replacement Winch Handles

Shelby Replacement Winch Handles
8" Dog Leg. Diameter 5/8". Fits Shelby 5407, 5408 and 5417 Winches.

610344 (0854-11) **$8.95 F**

7" Dog Leg. Diameter 1/2". Fits Shelby 5403, 5404, 5405, 5414 and 5415 Winches.

610356 (0937-11) **$9.95 F**

6" Std. Leg. Diameter 1/2". Fits Shelby 5402 and 5422 Winches.

610368 (1957-05) **$9.95 F**

Shelby Industries



Winch Straps, Cables and Ropes



Marpac Winch Straps with Loop End
2" heavy duty polyester webbing, forged steel snap hook and a 4,000 lbs. breaking strength.

7-2110 Length 20' **$8.95 F**
7-2111 Length 30' **$9.95 F**

Marpac Winch Strap with Loop End - Value Pack
Includes: 12 of the **7-2110** Winch Straps.

7-2110V Length 20' **$5.95 F**



Marpac Trailer Winch Cables
Galvanized steel 7 x 19 aircraft cable is made to handle the heavy loads. Each cable is fitted with a heavy duty galvanized latch hook, pull proof loop and a fastener end for replacement use on electric winches. Also great for hand crank winches.

7-1845 3/16" x 25' **$16.95 F 3Q**
7-1846 7/32" x 25' **$20.95 F 3Q**
7-1847 7/32" x 50' **$29.95 F 3Q**



Wellington Puritan Braided Nylon Winch Rope
The 3/8" solid braided nylon rope floats on water to stay clear of underwater obstruction and is resistant to rot, abrasion, oil, grease, gasoline, water and most chemicals. Comes with a heavy duty snap hook. Does not flatten out under heavy loads on winch. Approximate average tensile strength of complete winch rope assembly is 1,400 lbs. Length 20'.

703505 (11118) **$9.95 F**



Marpac Heavy Duty Winch Strap
10,000 lbs. breaking strength.

7-2113 Length 25' **$29.95 F 3Q**



Shelby Winch Strap
Features 5,800 lb. test webbing with a 6,000 lb. tow hook and 4,000 lb. sew pattern designed to meet NMMA specifications.

610347 (5601-94) 20' Winch Strap and Hook - Pigtail **$13.95 F**



Tie Down Winch Cable
Galvanized steel 7 x 19 aircraft cable is made to handle the heavy loads. Each cable is fitted with a heavy duty galvanized latch hook, pull proof loop and a fastener end for replacement use on electric winches. Also great for hand crank winches. Sold each per display pack.

657063 (59390) 3/16" x 50' **$30.95 H**



Tie Down Engineering Hitch Cable
Replace your noisy chains with self-coiling hitch cables from Tie Down Engineering. Uses durable galvanized aircraft cable construction. Hitch cables exceed SAE J684 standards for trailer coupling and automotive type hitches. Plus, they are NMMA Certified. Black vinyl jacketed. Each pair of 36" long cables with S-hooks are skin packed.

579613 (59537) Class 2 3,500# **$19.95 H**

Superwinch Electric Winches



Superwinch EX1 Electric Winch
Power in and power out. Battery cables with terminals. Circuit breakers. Handsaver. On the motor switching. 1,000 lbs. 5/32" x 25' wire rope. 12 volt.

638607 (1110) EX1 **$437.95 F**



Superwinch X3D Electric Winch
Power in and power out. Battery cables with terminals. Winch mounted switch. Wire rope tensioner. Handsaver. 4,000 lbs. 7/32" x 50' wire rope. 12 volt.

638695 (1321) X3D **$606.95 F**



Superwinch S5000 Electric Winch
Power load in and out. Mechanical and dynamic brake. Full-metal gear-train. Freespooling clutch for fast wire rope payout. High efficiency low amp draw motor. Commercial grade integrally mounted sealed contactor. Circuit breaker protected. Durable handheld remote switch on 30' lead. Roller fairlead. 5,000 lbs. 1/4" x 50' wire rope. 12 volt.

638797 (1450200) S5000 **$817.95 E**



Superwinch X1 Electric Winch
Power in and power out. Battery cables with terminals. Circuit breakers. On the motor switching. Handsaver. 2,000 lbs. 3/16" x 25' wire rope. 12 volt.

638633 (1101) X1 **$539.95 F**



Superwinch X2 Electric Winch
Power in and power out. Battery cables with terminals. Circuit breakers. On the motor switching. Wire rope tensioner. Hawse fairlead and handsaver. 3,000 lbs. 7/32" x 40' wire rope. 12 volt.

638669 (1201) X2 **$736.95 F**



Superwinch X3 Electric Winch
Power in and power out. Battery cables with terminals. Integrated solenoids and circuit breakers. Wire rope tensioner. Handheld remote switch with 12' cord. Hawse fairlead and handsaver. 7/32" x 50' wire rope. Line speed 3.5' per minute at maximum working load of 4,000 lbs. 12 volt.

638710 (1301) X3 **$916.95 F**

Superwinch S6000 Electric Winch
Power in and power out. Freespooling. Battery cables with terminals. Circuit breakers. Integrated prewired sealed solenoid. 15' handheld remote switch. Handsaver. Automatic In-The-Drum braking. Roller fairlead does not attach directly to the winch. 3.4 hp motor. 6,000 lbs. 5/16" x 100' wire rope. 24 volt.

638965 (1682) S6000 **$1,818.95 F**

Superwinch "SuperMount" System
Winch + Cradle + Receiver = System. The portable front and rear mounting solution. Fits 6,000 and 9,000 lb. winches. Front and rear mountable. Black powdercoat finish. Includes steel hitch pins.

638967 (2050) **$360.95 F**

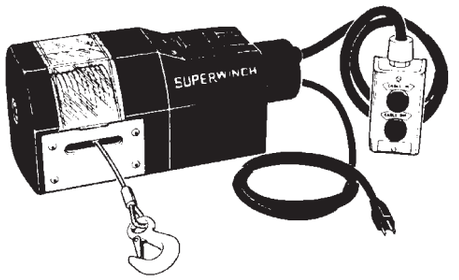
NEW ITEM



TRAILER ACCESSORIES

Superwinch Electric Winches

SUPERWINCH®



Superwinch SAC1000 Electric Winch

Power in and power out. Wire rope tensioning plate. 6' control pendant. Operates on standard house current. Handsaver. Full load mechanical and dynamic brake. Hawse or roller fairlead. Line speed 9.2' per minute at maximum working load of 1,000 lbs. .6 hp motor. 1,000 lbs. 3/16" x 50' wire rope. 115V AC 50/60hz.

638746 (1002) SAC1000 **$778.95 F**

SUPERWINCH®



Superwinch AC1000 Electric Winch

Power in and out. 6' control pendant. Operates on standard house current. Handsaver. Wire rope tensioning plate. Line speed 13' per minute at maximum working load of 1,000 lbs. .6 hp motor. 1,000 lbs. 5/32" x 45' wire rope. 115V AC 50/60 hz.

Note: Not intended for overhead hoisting applications.

638835 (1401) AC1000 **$740.95 F**

Superwinch Accessories

SUPERWINCH®



Superwinch Dash Mount Remote Controls

10' wiring harness. Allows winch to be operated from remote location utilizing stock switch. Sold each.

638861 (1501) For EX1, X1 and X2 Kit **$45.95 H**
639065 (90-22971) For EX1 and X2 Kit (No Wiring) **$10.95 H**
639116 (1591) 3 Position Rotary Switch **$79.95 H**

SUPERWINCH®

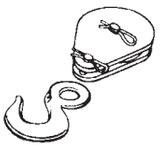
Superwinch Solenoid

638900 (2237) **$34.95 H**

Superwinch Circuit Breaker

639091 (90-22873) **$21.95 H**

SUPERWINCH®

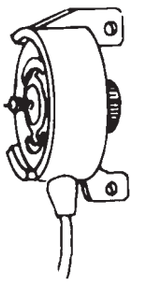


Superwinch Pulley Block

7,000 lbs. pulley block. For EX1, X1, X2, X3, X3D, AC1000 SAC1000, S2500 and S3500 electric winches.

639178 (2227) **$45.95 H**

SUPERWINCH®



638924

Superwinch Switch and Harness Assemblies

With circuit breakers to fit all Superwinches. Allows permanent installation in trailering vehicle. Sold each.

638950 (1534) Harness Assembly for EX1 Electric Winch **$49.95 H**
638962 (1522) Harness Assembly for X1 Electric Winch **$56.95 H**
638924 (1519) Replacement Switch for EX1, X1 and X2 **$64.95 H**

Powerwinch Trailer Winches



Powerwinch Model 712A Boat Trailer Winch - 12 Volt

Designed for boats up to 6,000 lbs., with a line speed of 14 feet/minute at maximum working load. ABS weather resistant housing for rugged environments, power-in and free-wheel out operation and positive lock prevents unwanted cable slippage. Includes: 12 volt wiring harness, 60 amp circuit breaker, manual hand crank, 50' x 3/16" cable, pulley block and hook and remote control lanyard. Weight: 29 lbs. Single line pull - 2,000 lbs., double line pull - 3,500 lbs., max. boat gross weight 6,000 lbs. 12 volt.

554205 (77712) 17' to 23' **$585.95 E**



Powerwinch Model 912 Boat Trailer Winch - 12 Volt

Designed for boats up to 10,000 lbs., with a line speed of 8 feet/minute at maximum working load. ABS weather resistant housing for rugged environments, power-in and free-wheel out operation and positive lock prevents unwanted cable slippage. Includes: 12 volt wiring harness, 60 amp circuit breaker, manual hand crank, 50' x 7/32" cable, pulley block and hook and remote control lanyard. Weight: 36 lbs. Single line pull - 3,500 lbs., double line pull - 6,000 lbs., max. boat gross weight 10,000 lbs. 12 volt.

554243 (77912) 23' to 30' **$650.95 E**



Powerwinch Model 215 Trailer Winch - 12 Volt

Designed to easily retrieve fishing boats and small runabouts up to a maximum boat weight of 3500 lbs. Safe and easy one person operation with supplied 25' lanyard. Product specifications: Comes with 25' color coded red and black 30 amp wiring harness, 20' of 7/32" diameter galvanized aircraft cable, Power-in Free-wheel out operation. 12 volt.

554053 (P77400) **$237.95 F**

Powerwinch Parts and Accessories



Powerwinch Swivel Pulley Block with Hook

554457 (79133) For 712A and 912 **$46.95 F**

Powerwinch Plastic Female Winch Socket

554609 (78103) For 712A and 912 **$11.95 F**



Powerwinch Manual Hand Crank

554851 (77041) For 712A and 912 **$20.95 F**



Powerwinch Plastic Male Harness Plug

554623 (78105) For 712A and 912 **$11.95 F**



Powerwinch Circuit Breaker

554748 (78323) 40 amp Circuit Breaker **$9.95 F**

Tie Down Engineering Boat Guides



Tie Down Engineering Roller Guide
Hot dip galvanized steel construction. Heavy duty 2" roller with end caps. Roller angle adjusts to angle of hull. One-piece adjustable clamp with U-bolt. Fits all channel and tube frames up to 5". Has 16" of adjustment.

578154 (86106) **$119.95 H**



Tie Down Engineering Bunk Board Guide On
Guide on your boat safely in high winds or strong currents. The marine grade carpet cradles your boat protecting it from scratches and dings. All hardware is hot dip galvanized for corrosion protection, and fits frames up to 4-1/4" in size. The bunk boards mount 21" above your trailer frame and have 13" of side movement on each side. Sold in pairs with all hardware included.

578200 (86123) Length 2′ **$133.95 H**



Tie Down Engineering Heavy Duty Guide On Post
48" high PVC pipe guides your boat on safely and gives you visual aid when backing an empty trailer. The non-mar PVC pipe is braced inside with metal tubing going 20" up into the tube, adding strength and impact resistance. All hardware is included, and is hot dip galvanized for corrosion protection.

578192 (86103) **$88.95 H**

Magic Tilt Side Board Bracket - Narrow
304559 (PT2170) **$9.95 H**

Tie Down Bunk Board Carpet



Tie Down Engineering Bunk Board Carpet
All weather carpet is designed to replace worn & frayed bunks on your trailer. The marine grade carpet will not rot or mildew. Each roll measures 11" x 12'.

578366 (86137) Black **$23.95 H**

Tie Down Bunk Slicks



Tie Down Engineering Bunk Slicks
Bolts directly onto carpeted bunk boards. Fits 2 x 6 or 2 x 4 standard bunk boards. Slide on or off with less effort. Easy to install.

578205	(86164)	3″ x 16″	10 Pieces	**$46.95 H**
578367	(86170)	1-3/4″ x 17″	8 Pieces	**$28.95 J**

Marpac Trailer Jacks



Marpac Monster Wheel Trailer Jacks

Huge 3-3/4" x 8" all terrain Monster Wheel easily rolls over sand and gravel. Fits trailer tongues up to 3" x 5". 31.5" lift, 14" travel. Saltwater tested Dichromate coating for supreme corrosion resistance. Power Grip for comfort and control. Built-in grease fitting for easy lubrication. Squared steel gears won't strip.

7-1586 Rated at 1,000 lbs. Capacity **$64.95 F 3Q**
7-1587 Rated at 1,500 lbs. Capacity **$74.95 F 3Q**



Marpac Heavy Duty Square Tube Jack

Rated at 2,500 lbs. capacity. Fits trailer tongues up to 3" x 5". An astounding 37" lift, 30" travel. Saltwater tested Dichromate coating for supreme corrosion resistance. Built-in grease fitting for easy lubrication. Squared steel gears won't strip.

7-1588 **$74.95 F 3Q**



Tough Guy Swivel Trailer Jacks

Rated at 1,000 lbs. capacity. Up to 27.7" of lift. Double pull pin for increased locking strength.

7-0015 **$50.95 F 3Q**
7-0016 Riggers 4 Pack, Bulk - Assembled **$50.95 H**



Tough Guy Swing-Up Trailer Jack

Zinc plated. Rated at 800 lbs. capacity Fits trailer tongues up to 3" x 5". 21" lift, 10" travel. Power Grip for comfort and control. Built-in grease fitting for easy lubrication. Double Pin gives added strength an security. Squared steel gears won't strip.

7-1585 **$37.95 F 3Q**

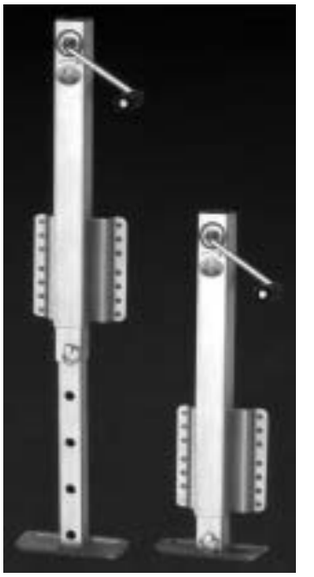
Shelby Trailer Jacks



Shelby "Offset Swivel Design" Swivel Jack

Features: Thicker load plate, comfort grip handle, 1/2" pull pin, fits 3" to 5" tongues. Jack tube welded full length to bracket and precision bushing gives smooth swivel and little rattle. Rated at 1,000 lbs. capacity.

610115 (5854A-81) **$60.95 F**



Shelby "Thoroughbred Series" Square Tube Jack

Features: 2-1/4" high strength telescoping steel tubing. Heavy duty gears. Ball bearings. Foot plate with drainage holes. Fits 3" to 5" tongues. Rated at 2,500 lbs. capacity.

610166 (6100-81Z) **$92.95 F**



Shelby Rack Jack

Ball-bearing design for smooth action. Precision-machined gear rack. Provides 23" of lift. 6" Diamond Series polyolefin wheel. Smooth-operating ball bearings. Reinforced support plate to reinforce worm gear under heavy loads. Self-locking worm gear mechanism. Rated at 850 lbs. capacity.

610114 (5757-81) **$82.95 F**



Shelby Swivel Mount Screw Jack - Dual Wheel

A heavy duty marine swivel jack ideal for maximum ground support and ease of maneuverability. Fits trailer tongues up to 3" x 5". Heavy gauge steel. Shelby Zinc Supersealer Finish. 1/2" pull pin. Machined swivel plate and snap ring groove. Rapid swivel mechanism. Easy to service top-mounted gear box. Smooth ball bearing operation. Oil-impregnated handle bushings. Dual 6" heavy duty polyolefin wheels. Full 25" of life. Rated at 1,300 lbs. capacity.

610128 (5780-81) **$87.95 F**

Shelby Trailer Jacks



Shelby "Offset Swivel Design" Swivel Jacks

Jack tube welded full length to bracket. Significant strength and side load capacity. Precision bushing: little rattle, smooth swivel. Thicker load plate. Comfort grip handle. No pinching, no snagging. Larger, 1/2" pull pin. Fits 3 to 5 inch tongues. Shelby zinc with super sealer. Excellent rust protection. 10" of travel.

610145 (5874A-81) Rated at 1,200 lbs. Capacity **$76.95 F**
610148 (5874A8-81) Rated at 1,500 lbs. Capacity **$116.95 F**

Magic Tilt Caster Tongue Jack

305450 (PV3200) **$32.95 H**



Shelby Diamond Series Caster Wheels

Stronger interior design to decrease chances of wheel creeping under load. More material. Higher impact strength. Higher tensile strength.

610534 (2224-93) 6" 1,000 lbs. **$7.95 F**
610536 (0047-93) 8" 1,500 lbs. **$14.95 F**

Jack is Zinc Plated, Not Black



Shelby A-Frame Jack

A-frame mount tongue jack, fits all A-frame couplers. Comfort grip handle and detachable caster wheel. Shelby's Super Sealer Zinc finish provides the highest resistance to corrosion. 15" of travel. Rated at 2,000 lb. capacity.

334122 (5792) **$83.95 H**



Fulton Performance Series Salt Water Trailer Jack

Bolt-thru swivel mounting system. Zinc plated and powder coated inner and outer tubes for maximum resistance to salt and rust corrosion. Maximum corrosion resistant. Plated screw and stainless steel nut resist corrosion. High performance 8" wheel. 10" of travel. 25" of lift. Mounts on tongues up to 3" x 5". Rated at 1,000 lbs. capacity.

357106 (XP100) **$87.95 H**

Shelby Trailer Couplers



Class I Coupler

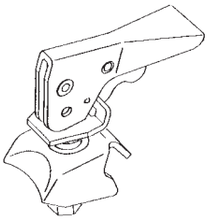


Class II Coupler

DMI #	MFG #	Ball Size	Tongue Load	Gross Load	Channel Size	Price
Class I						
610457	5105	1-7/8"	200 lbs.	2,000 lbs.	2-1/2"	**$13.95 F**
610469	5131	1-7/8"	200 lbs.	2,000 lbs.	3"	**$13.95 F**
Class II						
610483	5135	2"	500 lbs.	3,500 lbs.	3"	**$18.95 F**
Class III						
610485	5100	2"		5,000 lbs.	3"	**$25.95 F**

Shelby Trailer Couplers - Posi-Lock

Die-formed from heavy gauge steel for durability and strength. Zinc plated with an attractive silver finish. The quick-locking handle/underjaw design and the trigger action mechanism clamps or releases the ball for fast, easy hookups. For added strength and security, all couplers feature a heat-treated load plate. The handle latch locks into this load plate and cannot unlatch by itself. A handle hole is provided to accommodate a coupler security lock or a coupler locking pin to further secure the handle in the locked position. Sold each.



Shelby Coupler Repair Kits

Should the original handle or ball clamp assembly become damaged, avoid hassle and undue expense with a Shelby Posi-Lock coupler repair kit. Fix-it-yourself kits are easy to install and come complete with instructions and operator diagrams. Sold each.

610508 (5150-94) For Class I Couplers **$6.95 F**
610522 (5151-94) For Class II Couplers **$7.95 F**
610524 (5153-94) For Class III Couplers **$14.95 F**

Marpac Coupler Locking Pin

Steel, electrogalvanized. Length 3".



7-0895 (751010-1) 1/4" **$1.95 F 3Q**

Fulton Hitch Pin

Hitch pin and key.



610336 (74055) 5/8" **$7.95 F**

Safety Chains



Marpac Bow Safety Chain

3/16" x 12 links. Contain S-hook on 1 end. Sold each.

7-1852 **$4.95 F 3Q**



Marpac Trailer Safety Chains

Zinc plated trailer safety chains. Contains S-hooks on both ends.

Class 2, 3/16" x 28 Links
7-1850 (81202) Length 31" **$13.95 F 3Q**

Class 3, 1/4" x 26 Links
7-1851 (81203) Length 31" **$17.95 F 3Q**



Tie Down Trailer Safety Chain

Zinc plated trailer safety chains. Contains S-hooks on both ends.

Class 4, 5/16" x 26 Links
333574 (81204) Length 40.75" **$37.95 H**

Marpac Trailer Hitch Balls



Marpac Trailer Hitch Balls - Stainless Steel
High grade stainless steel. Includes: Lock washer and nut.

7-1615	Ball Dia. 1-7/8"	Shaft 3/4" x 2-1/2"	**$17.95 F 3Q**
7-1616	Ball Dia. 2"	Shaft 3/4" x 2-1/2"	**$18.95 F 3Q**
7-1620	Ball Dia. 2-5/16"	Shaft 1" x 2"	**$26.95 F 3Q**



Marpac Trailer Hitch Balls - Chrome Plated Steel
Chrome plated steel. Includes: Lock washer and nut.

7-0150	Ball Dia. 1-7/8"	Shaft 3/4" x 1-1/2"	**$9.95 F 3Q**
7-0145	Ball Dia. 1-7/8"	Shaft 3/4" x 2-1/2"	**$9.95 F 3Q**
7-0147	Ball Dia. 1-7/8"	Shaft 1" x 2-1/4"	**$10.95 F 3Q**
7-0146	Ball Dia. 2"	Shaft 3/4" x 2-1/2"	**$10.95 F 3Q**
7-0148	Ball Dia. 2"	Shaft 1" x 1-1/2"	**$11.95 F 3Q**
7-0152	Ball Dia. 2-5/16"	Shaft 1" x 2"	**$14.95 F 3Q**
7-0153	Ball Dia. 2-5/16"	Shaft 1-1/4" x 2-1/2"	**$18.95 F 3Q**

Ball Mounts



Camco Reversible Ball Mounts
All ball mount shank holes are 1". Powder coat baked on finish. Fits 2" X 2" receiver.

357627	(48314)	8" L	2" Drop	3/4" Rise	**$36.95 H**
357628	(48304)	10-1/2" L	3-1/4" Drop	2" Rise	**$42.95 H**
357630	(48300)	11" L	7" Drop	5-3/4" Rise	**$43.95 F**



Camco Adjustable Utility Ball Mount
Fits all 2" x 2" receivers. Powder coat baked on finish. Ideal for those who have more than one trailer or tow vehicle. Grade 5 bolts supplied. Rated for trailer weights up to 5,000 lbs and tongue weights up to 500 lbs. Shank hole 1" for ball. 8-1/2" drop. 7-1/4" lift.

357632 (48271) 16" **$75.95 F**



Shelby Ball Mount
Class III Ball Mounts have a gross load rating up to 5,000 lbs. and a tongue load rating up to 500 lbs. Designed for use with any under-car receiver that has a 2" I.D. opening.

357629 (7100-25) **$30.95 H**



CIPA Trailer Hitch Receiver Cover
With a chrome plated, rust resistant, die cast metal cover, you can be assured that the product will last, and at the same time will protect your hitch from rust, mud, and corrosion. Also, each receiver cover comes with 2 pull pins, both a 1-1/4" and 2" metal receiver tubes and a security padlock..

242432 (60011) Probud Hitch Cover, Silver **$39.95 H**



Shelby Locking Receiver Pin
Chrome plated, 5/8" diameter locking receiver pin for Class III & IV receiver hitches and gross loads to 10,000 lbs. Covered key slot for protection, turn key to unlock – no unscrewing required. For use with 2" x 2" receivers 5/8" diameter.

688008 (5234-93) **$17.95 H**

Trailer Receiver Locks



Fulton Dead Bolt Receiver Lock
Easy to use push button locking mechanism. 5/8" Quick lock and unlock for fast, easy operation. Barrel key die cast steel for improved reliability of key function. Protective cap guards against dirt and moisture getting into lock mechanism.

357700 (DBRL-63) **$20.95 H**



Shelby Receiver Lock
610532 (5232-93) 5/8" **$15.95 F**

Trailer Coupler Locks



Marpac Hitchlock Trailer Coupler Lock
Solid cast, heat treated for toughness. Helps prevent trailer theft. Will not corrode, rust or clog. Fits all Fas-Lok and other standard couplers.

7-0899 **$7.95 F 3Q**



Shelby Coupler Locks
Chrome plated coupler lock for 1/4" pin diameter couplers. Covered key slot for protection, turn key to unlock – no unscrewing required.

688000 (7580-93) 1/2" Opening **$12.95 H**
688002 (7581-93) 2" Opening **$13.95 H**
688004 (7582-93) 2-1/2" Opening **$14.95 H**
688006 (7583-93) 3-3/8" Opening **$16.95 H**



Fulton Trailer Coupler Lock
Its revolutionary design shields lock from tampering devices. Virtually indestructible. Fits 2-5/16" couplers.

357625 (TP25-0103) **$54.95 H**



Fulton Universal Trailer Coupler Lock
Durable cast body. Fits all 1-7/8", 2" and 2-5/16" couplers.

357113 (UTL-1000) **$55.95 H**

O'Neill Manufacturing/Rod Saver Personalized Tie Downs



Paddle Buckle



Quick Release



O'Neill
Manufacturing/Rod Saver Personalized Tie Downs

Secure your future with Rod Saver and Donovan Marine.

O'Neill Manufacturing, Inc. and Donovan Marine offers two of O'Neill's most popular tie downs with your dealership name embroidered on the buckle wrap. Choose from the Paddle Buckle or Quick Release over-the-center style buckles.

Information Needed:

Monogram Name (20 letters or less):

Letter Style #:

Thread Color:

Choose from: Red, Dark Blue, Light Blue, White, Yellow, Green, Chartuuse Green and Tan.

Letter Style Choices:

Style #	Description	Example
1	Block	ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijklmnopqrstuvw
2	Sea Breeze	*ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijklmnopqrstuvwxyz*
3	Old Style	ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijkl
4	Script	*ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijklmnopqrstuvwxyz*
5	Flares	ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijklmnopq
6	Chancery	*ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefg*
7	Hobo	ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijklmnopqrst
8	Old English	ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijklm
9	Serif3	ABDCEFGHIJKLMNOPQRTSUVWXYZabcdefghijklmno

_____	(2PB2)	Paddle Buckle, 2" x 2" Pair	**Call for Price**
_____	(2PB4)	Paddle Buckle, 2" x 4" Pair	**Call for Price**
_____	(QRTD2)	Quick Release, 2" x 2" Pair	**Call for Price**
_____	(QRTD4)	Quick Release, 2" x 4" Pair	**Call for Price**

Star Brite Custom Transom Tie Downs

Special Order Only
Minimum Order 25 Pair



Star Brite Custom Embroidered Transom Tie Downs

Thread color choices: Red, blue, white, yellow, gold, teal, and neon green. No additional charge for standard or script type lettering. No more than 13 characters per line, imprint area 2" x 3", three imprint line available. Custom digitized logos available.

S/O	(60070) 2" x 2' Transom Tie Down (Bulk)	**S/O**
S/O	(60062) 2" x 3' Transom Tie Down (Bulk)	**S/O**
S/O	(60072) 2" x 4' Transom Tie Down (Bulk)	**S/O**
S/O	(60079) 2" x 5' Transom Tie Down (Bulk)	**S/O**

Shelby Winch Strap with Hook



Shelby Winch Strap with Hook

Features 5,800 lb. test webbing with a 6,000 lb. tow hook and 4,000 lb. sew pattern designed to meet NMMA specifications. Pigtail.

610347 (5601-94) Length 20′ **$13.95 F**

Marpac Trailer Tie Downs



Marpac Gunwale Tie Downs with "J" Hook Ends

2" wide nylon webbing, heavy gauge zinc plated hardware captive "J" hook and self-tightening, easy-lock over centering buckle with velcro pad to protect surfaces and secure loose ends. Rated capacity 1,200 lbs.

7-2120	Length 8'	**$13.95 F 3Q**
7-2121	Length 10'	**$14.95 F 3Q**
7-2122	Length 12'	**$14.95 F 3Q**
7-2123	Length 14'	**$15.95 F 3Q**
7-2124	Length 16'	**$15.95 F 3Q**
7-2125	Length 18'	**$15.95 F 3Q**
7-2126	Length 20'	**$16.95 F 3Q**



Marpac Gunwale Tie Downs with "J" Hook Ends

2" heavy duty polyester webbing, roller adjuster buckle and heavy gauge single "J" hook ends.

7-2100	Length 10'	**$7.95 F**
7-2101	Length 12'	**$8.95 F**
7-2102	Length 14'	**$8.95 F**
7-2103	Length 16'	**$8.95 F**
7-2104	Length 18'	**$9.95 F**
7-2105	Length 20'	**$9.95 F**



Marpac Ratchet Tie Down

Multipurpose ratchet tie down features 1" wide nylon strap rated at 750 lbs. maximum load.

7-2136 Length 14' **$13.95 F 3Q**



Marpac Gunwale Tie Downs

2" wide webbing. Includes: Stainless steel roller buckle.

7-1631	Length 13′	**$18.95 F 3Q**
7-1632	Length 16′	**$19.95 F 3Q**

Marpac Trailer Tie Downs



Marpac Adjustable Transom Tie Down

1" wide weather resistant polypropylene webbing, heavy gauge hooks, coated hardware, quick release and rapid ratchet mechanism for tightening the strap. Rated capacity 1,200 lbs.

7-2133 Length 3-1/2' **$18.95 F 3Q**



Marpac Deluxe Transom Tie Down

2" wide polypropylene webbing, coated "S" hooks and 1" wide velcro closure strap. Retractable.

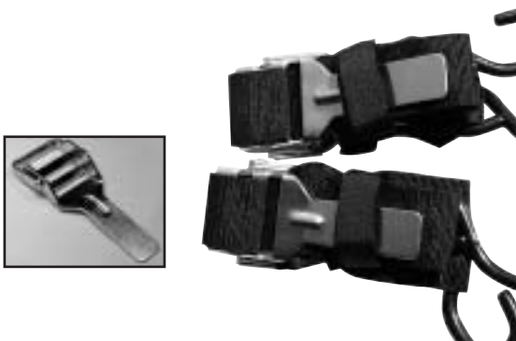
7-2140 Length 40" **$85.95 F 3Q**



Marpac Transom Tie Downs

Includes: Two stainless steel hooks and buckles.

7-1625	2" Wide Nylon Webbing, Length 40', Retractable	**$102.95 F 3Q**
7-1627	2" Wide Nylon Webbing, Length 40'	**$45.95 F 3Q**
7-1629	1" Wide Nylon Webbing, Length 6', Ratchet Type	**$36.95 F 3Q**



Marpac Transom Tie Downs

2" wide weather resistant polypropylene webbing, heavy gauge zinc plated hardware and easy-lock buckle with self-tightening over centering action. Rated capacity 1,200 lbs. Sold per pair.

7-2130	Length 2'		**$20.95 F 3Q**
7-2130V	Length 2'	Value Pack - Sold Case of 12	**$10.95 F**
7-2131	Length 4'		**$20.95 F 3Q**
7-2131V	Length 4'	Value Pack - Sold Case of 12	**$11.95 F**

Attwood Steel Tie Down Anchor Point Kits

Attwood Steel Tie Down Anchor Point Kits

1-1/4" long with 5/8" diameter eye. Includes: (2) Eye bolts, (2) lock washers and (2) nuts.

241024 (10892-3) Diameter 7/16" **$11.95 H 6K**

2" long with 1" diameter eye. Includes: (2) Eye bolts, (4) washers and (4) nuts.

241036 (10890-3) Diameter 3/8" **$5.95 H 6K**



Tie Down Hub Kits



Factory Pregreased

Tie Down Engineering Super Lube Hub Kits

Grease seal and bearings are pre-assembled. Features: Easily accessible grease fitting. Rubber expansion access cap allows grease to expand and contract. Dust cap grease reservoir. Kits include: Bearings, grease seal, super lube dust cap, cotter key, lug nuts and rubber grommets. Sold each per display box.

657683 (81015)	4 Stud	2 Each 1" Bearings	**$59.95 H**
657695 (81020)	4 Stud	2 Each 1-1/16" Bearings	**$59.95 H**
657722 (81035)	5 Stud	2 Each 1" Bearings	**$63.95 H**
657734 (81040)	5 Stud	2 Each 1-1/16" Bearings	**$63.95 H**
657746 (81045)	5 Stud	1 Each 1-1/16" & 1-3/8" Bearings	**$72.95 H**



Tie Down Engineering Super Lube Dust Caps

578382 (81168)	Super Lube Dust Caps	**$9.95 H**
578370 (81174)	Rubber Grommets for Super Lube Caps	**$3.95 H**



Tie Down Engineering Turbo Lube Hub Kit

Turbo lube oil bath lubricating system rotates individual roller bearings over four times through oil for each wheel revolution keeping your hub and bearings cooler, reducing wear and friction. The unique see through threaded oil cap assures a leak proof seal and lets you know if your bearings have adequate lubrication for the next long run.

657807 (81048) 5 Stud 1 Each 1-1/16" & 1-3/8" Bearings **$93.95 H**

Magic Tilt 10" Drum

303355 (RM0160) **$7.95 H**



Factory Pregreased

Tie Down Engineering Hot Dipped Galvanized Wheel Hub Kits

Grease seal and bearings are pre-assembled. Kits include: Bearings, grease seal, dust cap, cotter key and lug nuts. Sold each per display box.

657646 (81083)	5 Stud	2 Each 1" Bearings	**$52.95 H**
657657 (81088)	5 Stud	2 Each 1-1/16" Bearings	**$52.95 H**
657669 (81093)	5 Stud	1 Each 1-1/16" & 1-3/8" Bearings	**$65.95 H**



Marpac Hub Kits

Kits include: Hub, (2 each) bearings, 1/2" lug nuts, (1 each) grease seal, (1 each) cotter key and (1 each) dust cap.

7-0710	4 Stud Hub 1250#	1" Bearings	4 lug nuts	**$29.95 H**
7-0711	5 Stud Hub 1250#	1" Bearings	5 lug nuts	**$30.95 H**
7-0712	5 Stud Hub 1350#	1-1/16" Bearings	5 lug nuts	**$30.95 H**
7-0713	5 Stud Hub 1750#	1-1/16" & 1-3/8" Bearings	5 lug nuts	**$39.95 H**



Marpac Replacement Bearing Seals

Sold 2 per card.

7-1860	Lip Seal 1-1/4" for 1" and 1-1/16"	**$3.95 F 3Q**
7-1861	Lip Seal 1" for 3/4"	**$3.95 F 3Q**
7-1862	Lip Seal 1-1/2" for 1-1/4"	**$4.95 F 3Q**
7-1863	Lip Seal 1-3/4" for 1-3/8"	**$3.95 F 3Q**

Spindo® Seals

For use on trailers with brakes or as replacement seals. Now, with Spindo Seal, permanently smooth, corrosion proof axle sealing surfaces together with high quality neoprene seals provide a system which allows the seal to ride on a smooth sealing surface constantly greased by the action of the Bearing Buddy. Fits (1980) Bearing Buddy. Sold per pair on clam shell card.



231592 (1) **$18.95 H 6K**

Marpac Wheel Bearing Kits



Marpac Wheel Bearing Kits

Precision tapered roller bearings. Each kit includes: (2) Cones, (2) cups, seal and cotter pin. Dust cap shown - sold separately.

7-0952	Spindle: 3/4"	Outer Hub: 1.781		**$11.95 F 3Q**
7-0953	Spindle: 1"	Outer Hub: 1.980		**$11.95 F 3Q**
7-0954	Spindle: 1-1/16"	Outer Hub: 1.980		**$11.95 F 3Q**
7-0956	Spindle: 1-1/4"	Outer Hub: 2.328		**$13.95 F 3Q**
7-0959	Spindle: 1-1/16" x 3/4"	Outer Hub: 1.781		**$12.95 F 3Q**
7-0957	Spindle: 1-1/4" x 3/4"	Outer Hub: 1.781		**$12.95 F 3Q**
7-0958	Spindle: 1-3/8" x 1-1/16"	Outer Hub: 1.980	Race OD 2.361	**$11.95 F 3Q**
7-0955	Spindle: 1-3/8" x 1-1/16" w/Special Cup	Outer Hub: 1.980	Race OD 2.328	**$12.95 F 3Q**

Bearing Buddy Wheel Bearing Protectors



Bearing Buddy® with Auto Check - Stainless Steel

Works like the regular Bearing Buddy, but has new exclusive Auto Check visual lubricant level and pressure indicator. When the hub is full of grease, the blue Auto Check ring rests about 1/8" outward from the steel retaining ring. A spring loaded piston behind the Auto Check ring pushes against the grease which generates pressure inside the hub to keep water out, thus offering the bearing protection. Fits 1.980" bore hole diameter.

231643 (42204) 1980A-SS **$37.95 H 6I**



Bearing Buddy® - Stainless Steel

Prevents wheel bearing failure by keeping water and dirt out of hubs. (Insert decimal point after first digit in model No. for hub I.D. size.)

231605	(41204) 1781SS	**$32.95 H 6I**
231617	(42304) 1938SS	**$36.95 H 6I**
231629	(42604) 1968SS	**$36.95 H 6I**
231631	(42104) 1980SS	**$36.95 H 6I**
231634	(43104) 2328SS	**$47.95 H 6I**

Bearing Buddy® - Chrome Plated

Prevents wheel bearing failure by keeping water and dirt out of hubs. Fits 1.980" bore hole diameter. Chrome plated.

231630 (42102) 1980 **$28.95 H**

Bearing Buddy® Bras

Keeps grease off trailer wheels. Trailer owners sometimes overfill axle hubs with grease. The Bearing Buddy's automatic pressure relief feature will allow the excess grease to escape. While trailering, this grease can be thrown onto wheels. This product fits over the Bearing Buddy to eliminate this condition.

231528	(17B) Fits 1781, 1810	**$3.95 H**
231530	(19B) Fits 1938, 1968, 1980, 2047, 2080	**$3.95 H**
231531	(23B) Fits 2328, 2441, 2717, 2562, 2240	**$3.95 H**



Tie Down Engineering Dust Cap



Tie Down Engineering Dust Cap

661333 (81167) Dust Cap, 1.98" **$3.95 H**

Tie Down Trailer Disc Brake Kits

Donovan has a complete line of brakes and brake accessories by Tie Down Engineering. Tie Down's complete brake sytems make replacement or upgrades as easy as 1, 2, 3.

1. Disconnect brake lines, remove tire/wheel and old brakes.
2. Install new brakes, replace tire/wheel, reconnect or replace brake lines and bleed lines.
3. Check/modify actuator or replace with a new actuator.







Tie Down 10" Brake Kit with Actuator

Bearing size 1-3/8" x 1-1/16". Kit includes: (2) 10" brake assembly, (1) solenoid lock out, (1) brake line kit (2-3/16" x 12" 3000 psi lines) and (1) actuator.

333497 **$955.95 H**

Tie Down 12" Brake Kit with Actuator

Bearing size 1-3/4" x 1-1/4". Kit includes: (2) 12" brake assembly, (1) solenoid lock out, (1) brake line kit (2-3/16" x 12" 3000 psi lines) and (1) actuator.

333501 **$1,104.95 H**

Tie Down 10" Brake Kit (No Actuator)

Bearing size 1-3/8" x 1-1/16". Kit includes: (2) 10" brake assembly, (1) solenoid lock out and (1) brake line kit (2-3/16" x 12" 3000 psi lines).

333499 **$695.95 H**

Tie Down 12" Brake Kit (No Actuator)

Bearing size 1-3/4" x 1-1/4". Kit includes: (2) 12" brake assembly, (1) solenoid lock out and (1) brake line kit (2-3/16" x 12" 3000 psi lines).

333503 **$844.95 H**

Tie Down Disk Brake Assemblies with Actuator



Tie Down Disk Brake Assemblies with Actuator

- Faster stopping with less fade
- Cast aluminum calipers
- Stainless steel rotor
- Custom look
- Designed for harsh environments
- Bronze pistons
- Self-cleaning

Floating pads with metal backing plate. Vented caliper housing. Grade 413 aluminum. Semi metallic pads. Pressure equalizing port. New sliding pins with oil impregnated bronze bushings. Four point mounting bracket. One piece brass bleeder valves. Stainless steel shoulder pins and lock nuts. Hollow pistons. "Square" style O-rings. Additional rotor clearance. Factory preinstalled stainless steel pins. Available in retail packaging with one brake assembly per box or in bulk quantities. Each box is for one wheel, includes mounting bracket.

657102	(81101)	10" Disk Brake Assembly	1-3/8" x 1-1/16"	**$269.95 H**
657126	(81104)	12" Disk Brake Assembly	1-3/4" x 1-1/4"	**$344.95 H**

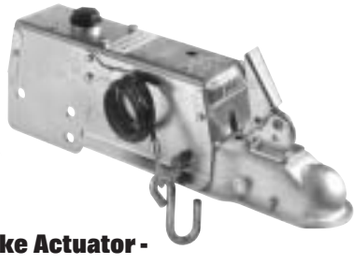


Tie Down Eliminator 10" Disc Brake Kit

"Integral" one piece style vented rotor and aluminum caliper with automotive quality brake pads. Distinctive 380 aluminum caliper with E-coat finish. Vented rotor with GalvX finish. Galvanized heavy duty mounting bracket included. Dual brass bleeder valves. Stainless guide pins. Bi-metal piston with stainless steel piston cup. Aluminum caliper with raised ribs dissipates heat up to 5 times faster than normal cast iron calipers.

657104 (82099) **$205.95 H**

Tie Down Brake Accessories and Brake Actuator



Tie Down Model 66 Brake Actuator - Disc Brake Ready, 6,600 lbs. Capacity

The unique all aluminum master cylinder incorporates the shock absorber into the master cylinder assembly. This exclusive product feature was designed into our master cylinder in order to provide the tow vehicle operator with a warning signal when the brake fluid is at a low level. In addtion, our oversized master cylinder provides the higher pressures required to run disc brakes and the added brake fluid volume to run both tandem and tri-axle configurations. The 6600 lb. capacity provides trailer manufacturers with greater towing capacity than traditional 6000 lb. capacity actuators. Even the coupler is manufactured out of heavier gauge steel when compared to all other actuator manufacturers.

657304 (86165) **$259.95 H**



Tie Down Axle Brake Line Kits

Add disc or drum brakes to your trailer. All hardware included, you supply the actuator and brakes.

657106 (80326) Single Axle Brake Line Kit **$90.95 H**
657108 (80328) Tandem Axle Brake Line Kit **$151.95 H**



Tie Down Flexible Brake Line Kit

Two 3/16" x 24" flexible 3000 psi. brake lines are ideal for disc brake installation requirements. Connects from brake caliper to female end of brake line or can be connected to exising steel lines with adapters included in the kit. Flexible line connection required on G4 disc brakes.

657227 (81099) **$67.95 H**



Tie Down Reverse Lock Out Solenoid

Unlike drum brakes, disc brakes generate full braking power in reverse. If your actuator does not have a reverse lock out lever or switch, a reverse lockout solenoid should be installed at the actuator before installation of disc brakes. Can be used on drum brakes as well.

657203 (81103) **$88.95 H**

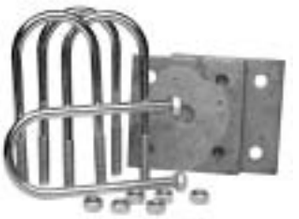
Axle Accessories



Tie Down Engineering Trailer Axle Spindles

Includes: Nut, washer and cotter pin. Sold each per poly bag. Standard pack 12.

580111	(80055) 1-1/4" x 7"	Bng. Surface: 1"	**$11.95 H**
580123	(80060) 1-1/4" x 7"	Bng. Surface: 1-1/16"	**$17.95 H**
580147	(80235) 1-3/4" x 8-1/4"	Bng. Surface: 1-1/16" x 1-3/8"	**$23.95 H**
580159	(80325) 2" x 8-1/4"	Bng. Surface: 1-1/16" x 1-3/8"	**$28.95 H**
580173	(81169)	Nut, Washer, Cotter Pin Kit	**$3.95 H**



Tie Down Engineering Axle Tie Plate Kits

Kits include: (4) U-bolts, (2) five hole tie plates and (8) lock nuts.

576504 (81175) Fits 1.90" Round Axle **$22.95 H**
576516 (81180) Fits 2-3/8" Round Axle **$26.95 H**
576530 (81185) Fits 2" Square Axle **$34.95 H**
576554 (81186) Universal Axle Tie Plate **$8.95 H**

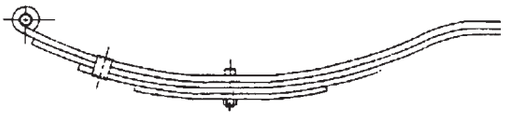
Marpac Lug Nuts and Lug Bolts

Sold 5 per card.

7-1855 Lug Bolts 1/2" **$4.95 F 3Q**
7-1853 Lug Nuts 1/2" **$3.95 H 3Q**



Trailer Springs



Slipper Spring – Flat End



Slipper Spring – Radius End



Double Eye Spring



DMI #	MFG #	# Leaf Springs	Length	Capacity	Price
Slipper Spring – Flat End					
667898	UNA-267	3	24-1/2"	750 lbs.	**$63.95 H**
667886	UNA-043	4	24-1/2"	1,000 lbs.	**$77.95 H**
667901	UNA-013	2	25-1/8"	467 lbs.	**$40.95 H 2K 6L**
667913	UNA-014	3	25-1/8"	713 lbs.	**$54.95 H 2K 6L**
667925	UNA-015	4	25-1/8"	935 lbs.	**$66.95 H 2K 6L**
667937	UNA-016	5	25-1/8"	1,184 lbs.	**$98.95 H 2K 6L**
667949	UNA-017	6	25-1/8"	1,415 lbs.	**$113.95 H 2K 6L**
668028	UNA-038	2	30"	880 lbs.	**$72.95 H 2K 6L**
668030	UNA-039	3	30"	1,430 lbs.	**$87.95 H 2K 6L**
668054	UNA-040	4	30"	1,837 lbs.	**$113.95 H 2K 6L**
Slipper Spring – Radius End					
667874	UNA-034	3	32"	800 lbs.*	**$76.95 H**
668131	UNA-024	4	32"	1,100 lbs.*	**$104.95 H 2K 6L**
668155	UNA-029	5	32"	1,400 lbs.*	**$123.95 H 2K 6L**
Double Eye Spring					
668206	UNA-219	3	25-1/8"	1,250 lbs.*	**$67.95 H 2K 6L**
668220	UNA-212	4	25-1/8"	1,625 lbs.*	**$76.95 H 2K 6L**
668207	UNA-220	3	25-1/4"	1,750 lbs.*	**$81.95 H**
668205	UNA-218	4	25-1/4"	2,200 lbs.*	**$100.95 H**

* The capacities given are for reference, only. The actual capacity is dependent on the spring mounting (center clamp) and service requirements.

Trailer Spring Accessories



Tie Down Engineering Rear Spring Hanger

Solid steel hangers can be used on rear slipper springs 1-3/4" to 2" wide. 5,200 to 8,000 pound capacity for medium duty axles. 1/4" stock. Sold each per skin packed card. Standard pack 12.

578181 (86275) **$3.95 H**



Tie Down Engineering Shackle Link

Steel shackle links are used to mount double eye springs. Suitable for medium duty axles, 1,000 - 3,500 lbs. capacity. Predrilled for 9/16" bolt. Sold each per skin packed card. Standard pack 12.

578194 (86276) **$3.95 H**

Magic Tilt Axle Mount Kits

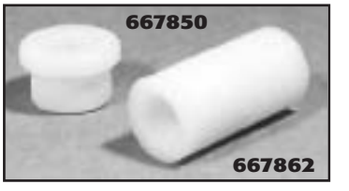
303002 (RM0600) Channel **$15.95 H**
303052 (RM0650) Tube **$18.95 H**



Tie Down Engineering Front Spring Hanger

Solid steel stock hangers for use on slipper and double eye springs that are mounted on 1,000 -3,500 lbs. capacity, medium duty axles. Predrilled for 9/16" bolt. Sold each per skin packed card. Standard pack 12.

578166 (86274) **$4.95 H**



Spring Bushings

667850 (MPE-182) **$0.95 H**
667862 (MPE-224) **$0.95 H**

Magic Tilt Equalizers

304509 (PK1950) 6-1/2" **$18.95 H**

Trailer Tires, Rims and Assemblies



Chrome Plated Directional Rims with Rivets
Rim is chrome plated steel with rivets. 14" 5 hole. Rim mounted with Bias Ply (D) or Goodyear Radial (R) Tire.

506345 Chrome Directional Rim with ST205/75D14 C, 5H **$280.95 F**
506343 Chrome Directional Rim with ST215/75R14 C, 5H **$292.95 F**



Custom Mod Rims, White with Red and Blue Pin Stripes
5 hole. Rim mounted with Bias Ply (D) Tire.

506340 Mod Rim with ST175/80D13 B, 5H **$105.95 F**
506338 Mod Rim with ST205/75D14 C, 5H **$134.95 F**



Plain White Rims with Tire Assemblies
These rims are white, available as a rim only or with tire mounted, Bias Ply (D). 4 Hole or 5 Hole and various load ranges.

506348 Plain White Rim with 20.5X8-10 C, 4H **$96.95 F**
506344 Plain White Rim with 20.5X8-10 B, 5H **$91.95 F**
506351 Plain White Rim with 20.5X8-10 C, 5H **$96.95 F**
506335 Plain White Rim with 20.5X8-10 E, 4H **$109.95 F**



Chrome Plated Mod Rims with Rivets
Rim is chrome plated steel. 14" 5 hole. Rim mounted with Bias Ply (D) or Goodyear Radial (R) Tire.

506342 Chrome Plated Mod Rim with ST205/75D14 C, 5H **$196.95 F**
506358 Chrome Plated Mod Rim with ST205/75R14 C, 5H **$269.95 F**
506360 Chrome Plated Mod Rim with 215/75R14 C, 5H **$285.95 F**



Silver Directional Rims with Rivets
Rim is silver with rivets. 5 hole. Rim mounted with Bias Ply (D) or Goodyear Radial (R) Tire.

506350 Silver Directional Rim with 175/80D13 C, 5H **$134.95 F**
506339 Silver Directional Rim with 205/75R14 B, 5H **$188.95 F**
506341 Silver Directional Rim with 205/75R14 C, 5H **$223.95 F**



Custom Spoke Rim, White with Red and Blue Pin Stripes
This rim is off-white with red and blue pin stripes. 5 hole. Rim mounted with Bias Ply (D) Tire.

506354 Spoke Rim with ST205/75D14 C, 5H **$134.95 F**

TRAILER ACCESSORIES

Trailer Tires, Rims and Assemblies

Trailer Tire Assemblies

DMI #	Size	Radial	Class	# of Lug	Load (lbs.)	Price
Painted Assembly						
505012	4.80 x 8	-	B	4	590	$30.95 F
505024	4.80 x 8	-	B	5	590	$30.95 F
505036	5.70 x 8	-	B	4	715	$46.95 F
505048	5.70 x 8	-	B	5	715	$46.95 F
505062	4.80 x 12	-	B	4	780	$61.95 F
505074	4.80 x 12	-	B	5	780	$61.95 F
505086	5.30 x 12	-	B	4	840	$75.95 F
505098	5.30 x 12	-	B	5	840	$75.95 F
505125	ST175/80D x 13	-	B	4	1,065	$105.95 F
505137	ST175/80D x 13	-	B	5	1,065	$105.95 F
506348	20.5 x 8 x 10	-	C	4	1,105	$96.95 F
505166	20.5 x 8 x D5P	-	D	5	1,330	$111.95 F
505195	215/75R14	Yes	R			$173.95 F
505362	225/75R14	Yes	R			$209.95 F
Galvanized Assembly						
505202	4.80 x 8	-	B	4	590	$35.95 F
505214	4.80 x 8	-	B	5	590	$35.95 F
505240	4.80 x 12	-	B	4	780	$66.95 F
505252	4.80 x 12	-	B	5	780	$66.95 F
505264	5.30 x 12	-	B	4	840	$76.95 F
505276	5.30 x 12	-	B	5	840	$80.95 F
505288	ST175/80D x 13	-	B	4	1,065	$110.95 F
505290	ST175/80D x 13	-	B	5	1,065	$110.95 F
505308	175/80D13	-	D			$110.95 F
505303	175/150D1	-	C	5	1,315	$110.95 F
505159	ST195/80D1	-	C	5	-	$137.95 F
505327	ST205/75D x 14	-	B	5	1,385	$140.95 F
505339	ST205/75D x 14	-	C	5	1,760	$140.95 F
505341	ST205/75D x 15	-	B	5	1,385	$155.95 F
505350	205/75D14	-	D			$140.95 F
505355	215/75D14	-	D			$143.95 F
505193	215/75R14	Yes	R			$193.95 F
505358	225/75D15	-	D			$174.95 F
505670	225/75D15	-	D			$119.95 F
505360	225/75R14	Yes	R			$215.95 F
505400	225/75D x 15	-	D	6	2,540	$174.95 F
505457	20.5 x 8 x 10	-	D	5	1,330	$115.95 F
Galvanized Radial Assembly						
505175	185/80R1	Yes	C	5	-	$195.95 F
505192	205/75R1	Yes	C	5	-	$173.95 F
Chrome Assembly						
505194	ST205/75D x 14RWL	Yes	C	5	1,760	$235.95 F

We stock only the finest quality tire assemblies, yet economically priced. Painted rims are white.



Trailer Rims Only

DMI #	Size	# of Lug	Price
Painted Rim			
506090	8 x 3-3/4	4	$10.95 F
506103	8 x 3-3/4	5	$10.95 F
506115	12 x 4	4	$29.95 F
506139	13 x 4-1/2	4	$38.95 F
506141	13 x 4-1/2	5	$38.95 F
Galvanized Rim			
506216	8 x 3-3/4	4	$15.95 F
506331	10	5	$38.95 F
506230	12 x 4	4	$37.95 F
506242	12 x 4	5	$37.95 F
506254	13 x 4-1/2	4	$48.95 F
506266	13 x 4-1/2	5	$48.95 F
506305	14 x 6	5	$55.95 F
506329	15 x 6	5	$60.95 F

Trailer Tires Only

DMI #	Size	Class	Price
505606	4.80 x 8	B	$20.95 F
505694	20.5 x 8 x 10	B	$65.95 F
505620	4.80 x 12	B	$29.95 F
505632	5.30 x 12	B	$48.95 F
505644	ST175/80D x 13	B	$69.95 F
505656	ST175/80D x 13	C	$69.95 F
505668	ST205/75D x 14	B	$88.95 F
506333	570 x 8	B	$35.95 F
506349	20.5 x 5 x 8-10	C	$66.95 F
506347	ST205/75D x 14	C	$88.95 F
506353	215/75R14 Radial	C	$169.95 F

magic tilt

Magic Tilt Fenders

304701 (PI1300)	Fender, 13"/14" with Brackets	$53.95 H
304751 (PI1400)	Fender, 15" with Brackets	$72.95 H
304852 (PI1005)	Fender, 8"/12" with Brackets	$22.95 H

Wheel Chocks



T-H Marine Magna Chock
Never lose a chock again. Powerful magnet attaches to trailer. Tough natural rubber chock. UV resistant. Sold each.

640223 (MWC-1-DP) **$23.95 H**

NEW ITEM



Camco Wheel Chock
Chocks keep your trailer in place so you can re-hitch with confidence. Solidly constructed of durable hard plastic with UV inhibitors

357079 (44472) **$3.95 F**

Fulton Gorilla Guard Spare Tire Lock



Fulton Gorilla Guard Spare Tire Lock
Tested tough. Locking cap helps prevent theft. Fits over wheel studs (up to 9/16" diameter) to deter spare tire theft. Removable plug allows longer wheel studs to protrude through cap. Locking tab provides positive locking feature to help prevent lock from turning.

357571 (STL-0603) **$16.95 H**

Spare Tire Carriers



Attwood U-Bolt Style Tire Carrier
Mounts tire on tongue or trailer frame. The frame must be between 2" x 2" square to 3-1/2" x 4" rectangular in size. Fits 4 or 5 lug hole rims. Extra long 8-1/2" shaft fits 8" to 15" tires. Solid, zinc plated steel square bend U-bolt with bracket. **Note:** Does not include padlock.

333613 (11090-3) **$8.95 H**



Fulton Spare Tie Carrier
Quit hauling that spare tire loose. Conveniently secure it to your trailer frame using the Fulton ETCHL spare tire mount. Heavy duty 1/2" diameter zinc plated steel construction designed to fit 8",9",12",13",14", and 15" wheels with 4 or 5 lug rims. Includes locking levers, and lock with two keys, to secure wheel to frame.

333625 (ETCHL) **$27.95 H**

Spare Tie Carriers



Tie Down Engineering Spare Tire Carrier
Hot dip galvanized. Adjustable bolt circle fits both 4 lug and 5 lug wheels. Offset height raises tire and provides ground clearance. Fits all trailer tongues up to 3" wide by 4" high. Extra heavy duty welded steel construction. Security holes provide for optional cable and lock. **Not included.**

578306 (86098) **$32.95 H**



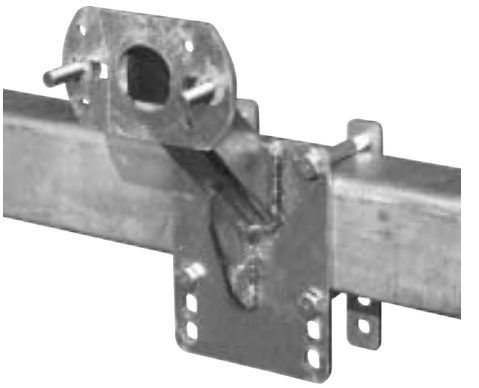
Tie Down Engineering High Mount Spare Tire Carrier
Accommodates 4, 5 and 6 lug wheels. Hot dip galvanized. Fits trailer frames 3″ wide by 4″ high. Heavy duty steel tubing.

578293 (86101) **$35.95 H**



Tie Down Engineering Spare Tire and Hub Carrier
Includes 5 stud pre-greased hub with 1-1/16" and 1-3/8" bearings. Heavy duty steel carrier mounts, both spare hub and spare tire. Fits all trailer frames up to 3" wide and 4" high. Security holes for optional cable and lock.

578281 (86079) **$106.95 H**



Tie Down Engineering Spare Tire Carrier
Adjustable bolt circle fits both 4 lug and 5 lug wheels. Fits all trailer frames up to 6" high. Attractively packaged in a two color box. Heavy duty welded steel construction.

578283 (86069) **$44.95 H**



Shelby Universal Spare Tire Carrier - Zinc
Mounts tire up and out from the trailer frame for that custom trailer look. Heavy-duty, welded and reinforced steel plate construction. Galva-Tec finish. Adjustable bolt circle to fit both 4 and 5 lug wheels.

357573 (5205-81Z) **$33.95 H**

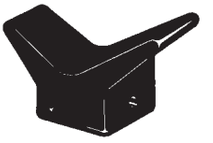
Bow Guards

Bow Guards
Attaching to the trailer's winch stand, these bow guards act as a stop to protect the boat's bow. Gray rubber. V-block.

488355	Base 2" x 2"	3" H	Width 4-1/4"	**$4.95 E**
488367	Base 3" x 3"	4" H	Width 6-1/2"	**$8.95 E**
488381	Base 4" x 3"	3-3/4" H	Width 6-1/2"	**$10.95 E**

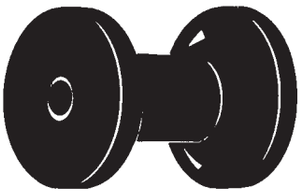

488367


488355


488381

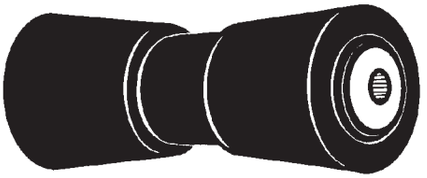
Complete Line of Rollers

They are made of solid, high grade black or gray rubber to handle the added weight and impact of heavier boats. Rollers are furnished with friction reducing bushings for easier launching and on-center loading. Additional roller surface provides for additional protection for the keel, sides or bow of your boat.



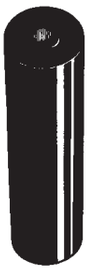
Bow Rollers
Normally used on the trailer winch stand, this roller acts as a bow stop for the boat. Shaft diameter 1/2". Length 3". Maximum roller OD 3". Standard pack 12.

488329	Black Rubber	**$3.95 E**
488305	Gray Rubber	**$3.95 E**



Deep "V" Keel Rollers
Handles the added weight of heavier boats by properly fitting the curvature of the keel. Allows for easier launching and loading of the boat. Black rubber with steel sleeve & nylon bushings. Shaft diameter 5/8". Maximum roller OD 3-1/2".

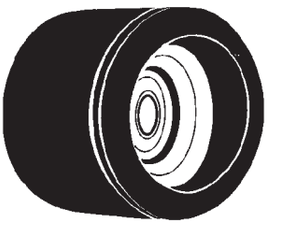
488127	Length 8"	**$9.95 E**
488141	Length 10"	**$11.95 E**
488165	Length 12"	**$13.95 E**
488189	Length 18"	**$29.95 E**



Side Guide Roller
Helps center boat in non-drive-on applications. Prevents boat from damaging trailer fenders and light brackets. A spoke-type plastic bushing which spans the full length of the roller, which absorb impacts thus reducing damage during launching and loading. 2-1/2" OD. Length 12". Shaft diameter 5/8". Gray rubber.

488557 **$10.95 E**


Wobble Roller, Treads


Wobble Roller, Smooth

"Wobble" Rollers
Designed to wobble back and forth automatically adjusting to the contours of the boat hull. Black rubber. 4-1/4" OD. 7/8" ID. Sold each.

488507	Width 4-1/4"	Smooth with Steel Washer	**$8.95 E**
488519	Width 3"	Treads with Steel Sleeve	**$12.95 E**



Spool Type Rollers
Designed especially to support the keel of lighter boats. Rollers are furnished with friction reducing nylon bushings or plastic sleeve "bushings" for easier boat loading. Maximum roller OD 3". Black rubber with plastic sleeve.

488216	Length 4"	Shaft Diameter 1/2"	**$3.95 E**
488254	Length 4"	Shaft Diameter 5/8"	**$3.95 E**
488228	Length 5"	Shaft Diameter 1/2"	**$4.95 E**
488266	Length 5"	Shaft Diameter 5/8"	**$4.95 E**



End Cap for Side Guide Rollers
Designed for use on ends of all sizes of side guide rollers. Depth 2". 2-1/2" OD. Shaft diameter 5/8". Gray rubber.

488569 **$2.95 E**

Marpac Super Rollers

NEW ITEM



Marpac Self-Centering Keel Roller

Molded grooves center boat as it moves forward for easier loading. Made from a non-marring poly blend with UV inhibitors. Replaces any 12" roller with 5/8" shaft.

7-1583 Length 12" **$22.95 F**



Marpac Keel Rollers

7-1580 Length 8" **$17.95 F**
7-1581 Length 10" **$23.95 F**
7-1582 Length 12" **$24.95 F**



Marpac Wobble Roller

7-1575 Width 4" **$11.95 F**

With S/S Hardware



Marpac Bell Stop Assemblies

7-1560 Width 3" **$17.95 F**
7-1561 Width 4" **$21.95 F**



Marpac V-Bow Stop

7-1565 3" **$8.95 F**



Marpac Bow Stop Rollers

7-1566 Width 3" **$7.95 F**
7-1567 Width 4" **$7.95 F**



Marpac Spool Rollers

7-1570 Length 4" **$8.95 F**
7-1571 Length 5" **$10.95 F**

Stoltz Super Rollers

Stoltz Super Rollers are made to replace ordinary rubber rollers that often need frequent replacement. Made of polyurethane, they have nothing in them that will mark or discolor the boat. These rollers are extremely cut and abrasion resistant. They do not "flat spot" after long storage periods. There is no bushing to pop out. These rollers are unaffected by grease, oil, gasoline, exhaust fumes, salt, etc.

STOLTZ



341341



341336

Stoltz Bow Stop Roller
Hole size 1/2". Sold each.

341336 (RP-33) Width 3" **$10.25 H**

Stoltz End Cap
341341 (RP-325) Width 3" **$4.30 H**

STOLTZ



341367



341420

Stoltz Keel Rollers
Hole size 5/8". Sold each.

341367	(RP-4)	Length 4"	**$12.30 H**
341381	(RP-5)	Length 5"	**$13.85 H**
341393	(RP-504)	Length 5-1/4"	**$16.40 H**
341418	(RP-7)	Length 7"	**$25.30 H**
341420	(RP-8)	Length 8"	**$28.10 H**
341432	(RP-10)	Length 10"	**$32.30 H**
341444	(RP-12)	Length 12"	**$35.79 H**
341482	(RP-18)	Length 18"	**$48.60 H**

STOLTZ



Stoltz Straight Roller
Hole size 5/8". Sold each.

341507 (RP-212) 12" x 2-1/2" **$28.60 H**

STOLTZ



Stoltz V Bow Stops
Hole size 1/2". Sold each.

341329	(V-2)	2"	**$8.25 H**
341331	(RP-3)	3"	**$11.15 H**
341343	(RP-404)	4"	**$16.69 H**

STOLTZ



Stoltz Smooth Roller
For 1" and 1-1/16" shaft. Fits EX Loader. Sold each.

341339 (RP-36) **$13.39 H**

STOLTZ



Stoltz 2" x 4" Diameter Roller
Hole size 1/2". Sold each.

341355 (RP-42) **$12.95 H**

STOLTZ



Stoltz Ultimate Bell Stops
Hole size 1/2". Includes installation hardware. Sold each.

341545	(ULT-3)	Width 3"	**$42.00 H**
341569	(ULT-4)	Width 4"	**$42.00 H**

Marpac Roller Shafts



Marpac Roller Shafts
Galvanized. Two pal nuts included with each shaft.

7-1835	Length 5-1/4"	1/2" OD	**$3.95 F 3Q**
7-1836	Length 6-1/4"	1/2" OD	**$3.95 F 3Q**
7-1837	Length 5-1/4"	5/8" OD	**$3.95 F 3Q**
7-1838	Length 6-1/4"	5/8" OD	**$3.95 F 3Q**
7-1839	Length 9-1/4"	5/8" OD	**$4.95 F 3Q**
7-1840	Length 11-1/4"	5/8" OD	**$4.95 F 3Q**
7-1841	Length 13-1/4"	5/8" OD	**$5.95 F 3Q**
488898	(20254) Length 19"	5/8" OD	**$13.95 E**



Tie Down Engineering Pal Nuts

576958	(86305)	1/2" OD	Sold 4 Per Pack	**$3.95 H**
576960	(86310)	5/8" OD	Sold 4 Per Pack	**$4.95 H**

Marpac Brackets



Marpac Panel Brackets - Bulk
Heavy 11 gauge hot dipped galvanized steel. Brackets are one piece and designed to support keel rollers. Slots accept 7/16" or 1/2" diameter bolts and provide vertical roller adjustment. For 1/2" or 5/8" roller shaft diameter.

7-1829	For 4" Roller	**$8.95 F 3Q**
7-1830	For 5" Roller	**$7.95 F 3Q**
7-1831	For 8" Roller	**$8.95 F 3Q**
7-1832	For 10" Roller	**$9.95 F 3Q**
7-1833	For 12" Roller	**$10.95 F 3Q**



Marpac Bolster Brackets - Packaged
Heavy 11 gauge hot dipped galvanized steel. Slotted for vertical adjustment and feature nonslip dimples to avoid movement and increase load capacity. 2 per packe with swivel brackets.

7-1820	Length 8"	Slot Length 2-3/4"	**$11.95 F 3Q**
7-1821	Length 10"	Slot Length 3-3/4"	**$13.95 F 3Q**
7-1822	Length 12"	Slot Length 4-3/4"	**$15.95 F 3Q**
7-1825		Angle Bracket - Pair	**$3.95 F 3Q**



Marpac Bunk Brackets
Heavy 11 gauge hot dipped galvanized steel mount 2" bunks on edge. Slotted for vertical adjustment to standard or deep-V hulls.

7-1815	Length 9-1/2"	**$11.95 F 3Q**
7-1816	Length 12-5/8"	**$13.95 F 3Q**

Tie Down Engineering Trailer Brackets



Tie Down Engineering Split Bracket
Heavy duty, zinc plated steel. Split panel bracket accommodates any roller length. Slots provide vertical adjustment and accept 1/2" or 5/8" shafts. Height 7-1/4". Slot length 5". Sold per pair. Standard pack 6.

487581 (81235) **$9.95 F**



Tie Down Engineering Bunk Bracket
Heavy 11 gauge hot dip galvanized steel brackets mount 2″ bunks on edge. Slotted for vertical adjustment to standard or deep-V hulls. Bracket length 8″. Slot length 4-1/2″.

577102 (86149) **$4.95 H**

Magic Tilt Roll Bracket

Magic Tilt Roll Bracket
305501 (PS1110) 5″ **$11.95 H**

Tie Down Engineering Trailer Bow Stand

NEW ITEM



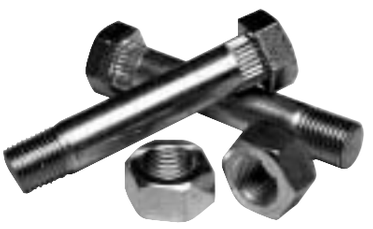
Tie Down Engineering Trailer Bow Stand
These galvanized bow stands have the strength, functionality and adjustability for all your trailer needs. Designed to keep the boat safe and secure while meeting your design requirements. Tongue width: 3″. Angle 25°. Gauge: 11.

Tube size: 2″ x 3″. Base stand: 3″ x 9″. Length 28.75″.

661341 (43525) **$67.95 H**

661354 (43678) Winch Mount for **661341** **$35.95 H**

Tie Down Engineering Trailer Hardware



Tie Down Engineering Fluted Shackle Bolts
For use with spring hanger brackets. Fluting prevents the bolt from turning, which can wear hanger brackets. Grade 5 steel. 9/16″ x 3″ bolts with nuts. Sold 2 per pack.

578368 (86250) **$7.95 H**



Tie Down Engineering Hex Head Bolt (Packaged)
Grade 5 zinc plated steel. Used for mounting brackets, couplers and winch stands. Package contains: (4) Bolts, (4) washers and (4) nyloc nuts.

580577 (86257) 1/2" x 3-1/2" **$10.95 H**

Marpac U-Bolts



Marpac Galvanized U-Bolts
Galvanized. Includes: Washers and nuts. Sold pair per.

7-1802	1/2″ x 2-1/8" W x 4" L	**$7.95 F 3Q**
7-1804	1/2″ x 3-1/8" W x 3" L	**$7.95 F 3Q**
7-1806	1/2″ x 3-1/8" W x 4" L	**$7.95 F 3Q**
7-1808	1/2″ x 4-1/8" W x 3" L	**$7.95 F 3Q**

Marpac Stainless Steel U-Bolts
Type 304 stainless steel. Square U-bolts are made in the USA. Includes: (2) Stainless steel washers and (2) lock nuts.

7-1601	1-5/8" W x 4" L	**$12.95 F 3Q**
7-1603	2-1/8" W x 4" L	**$12.95 F 3Q**
7-1605	3-1/8" W x 4" L	**$12.95 F 3Q**
7-1607	4-1/8" W x 4" L	**$13.95 F 3Q**



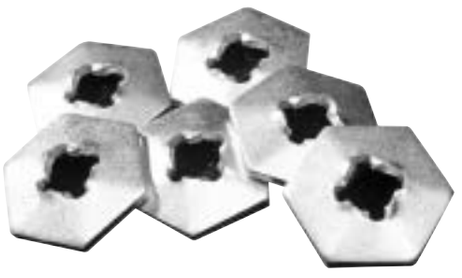
Marpac Galvanized U-Bolts
Galvanized. Includes: Washers and nuts. Sold pair per.

7-1794	3/8″ x 1.56" x 2.63"	**$3.95 F 3Q**
7-1776	3/8″ x 3.06" x 2.38"	**$4.95 F 3Q**
7-1772	3/8″ x 3.06" x 4.5"	**$5.95 F 3Q**
7-1762	7/16″ x 2.5″ x 5.25"	**$7.95 F 3Q**
7-1764	1/2″ x 2.06" x 4.31"	**$7.95 F 3Q**
7-1792	1/2″ x 2.06" x 4.81"	**$6.95 F 3Q**
7-1768	1/2″ x 2.06" x 5.31"	**$8.95 F 3Q**
7-1788	1/2″ x 2.06" x 5.5"	**$7.95 F 3Q**
7-1759	1/2″ x 3.06" x 4.31"	**$8.95 F 3Q**
7-1774	1/2″ x 3.06" x 5.31"	**$9.95 F 3Q**
7-1789	1/2″ x 3.06" x 6.31"	**$8.95 F 3Q**

Magic Tilt U-Bolt Kit

Magic Tilt U-Bolt Kit
303800 (RM5550) 1/2″ x 2-1/16″ x 4-13/16″ **$3.95 H**

Marpac Pyramid Washers



Marpac Pyramid Washers
Zinc plated, star shaped washers. Ideal for use with U-bolts in heavy duty applications. Sold 6 per pack.

7-1856	7/16″	**$11.95 F 3Q**
7-1857	3/8″	**$14.95 F 3Q**

T-H Marine Steer-Stop Steering Lock



T-H Marine Steer-Stop Steering Lock
Stops outboards equipped with hydraulic steering from "wandering" when trailering. Units clip onto hydraulic steering rams on either side of outboard to keep engine straight and prevent damage to motor supports. Cord keeps units together when stowed and aids removal.

640945 (SS-1) **$14.95 H**

Accurate Spring Lock N Stow



Accurate Spring Lock N Stow
Lock N Stow looks and works differently than the longtime traditional motor support systems that tie the outboard and trailer together. Attaches directly to the motor in two reliable locations to serve as a rock-steady stabilizer. On one end of the H-shaped Lock N Stow are a pair of spring-loaded pins designed to fit into existing parallel holes found on the engines mounting bracket. On the other end are two receiver-sockets made to fit the two bolts/nuts as the motor is lowered into place using the power tilt. It can be easily stored in just about any boat compartment. **587562** fits Mercury 225 and 250 EFIs, as well as OptiMaxs in 200 and 225 hp. **587564** fits Mercury 75 hp to 200 hp in carburetored and EFI models, plus OptiMaxs in 135, 150 and 175 hp.

587562 (10107) **$83.95 F**
587564 (10108) **$83.95 F**





Attwood Swivl-Eze
Transom Savers - Pro Adjustable Head
Designed to support the cantilevered weight of the motor and stabilize engine and steering mechanism when trailering. Constructed of high-tensile aluminum. Fits all O/B's. Works great for motors with hydraulic trim/tilt.

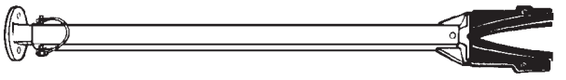
Clear anodized tube.

587773 (SP-4000-ADJ-B)	Bolt-On	24" - 36"	Skin Packed	**$55.95 F**
587785 (SP-4000-ADJ)	Roller	24" - 36"	Skin Packed	**$49.95 F**
587786 (4000-ADJ)	Roller	24" - 36"	Bulk	**$43.95 F**
587709 (424-ADJ)	Roller	32" - 44"	Bulk	**$55.95 F**
587760 (436-ADJ)	Roller	44" - 56"	Bulk	**$58.95 F**

Black coated tube.

587707 (SP-400-B)	Bolt-on	23" - 35"	Skin Packed	**$42.95 F**
587708 (SP-400-R)	Roller	23" - 35"	Skin Packed	**$36.95 F**

Attwood Swivl-Eze
Replacement Toggle for Pro Adjustable Head
587710 (SP-416) **$8.95 F**



Attwood Swivl-Eze Transom Saver - Shock-Eze Model
Designed to support the cantilevered weight of the motor and stabilize engine and steering mechanism when trailering. Constructed of high-tensile aluminum. Fits all O/B's. Works great for motors with hydraulic trim/tilt. Clear anodized tube.

587759 (434-B) Bolt-On Length 36" **$39.95 F**

Universal Mount

Now with Polypropolene Pads







Marpac Motor Support Bracket
21" - 31" adjustable Bolt-on or Over-the-roller universal mount. Indestructible polypropylene pads. All stainless steel hardware and fasteners eliminate corrosion. EPDM rubber strap with stainless steel hooks included. Powder coated cast aluminum head and mounts are lightweight, durable and resist corrosion. Easy-to-handle lightweight aluminum tubing.

7-0386 **$43.95 F 3Q**
7-0387 Spare Bracket Kit **$11.95 F 3Q**



T-H Marine Adjustable Motor Support
Adjustable in length from 27-1/2" to 39-1/2" long. Covers a wide range of boat/engine combinations from outboard with offset transoms and jacking plates to inboard/outboard units. The aluminum adjustable tubing has a heavy wall thickness for strength. The end of motor supports are molded of black high impact plastic for both superior strength and good looks.

641123 (AMS-1) **$40.95 H**

Marpac Folding Deck Chairs



Marpac Folding Deck Chairs
White. Overall width 26-1/2". Seat: 19" W x 15" D. Depth 26". Stored width 11". Cushion 3".

7-0003 Aluminum **$138.95 E**
7-0004 Stainless Steel **$183.95 E**



Marpac Deluxe Folding Deck Chairs
White. Overall width 26-1/2". Seat: 19-1/2" W x 16-1/2" D. Depth 29". Stored width 15". Cushion 3-1/2".

7-0001 Aluminum **$179.95 E**
7-0002 Stainless Steel **$291.95 E**

Wise Folding Deck Chair



Wise Folding Deck Chair with Sailfish Design
Durable and weather resistant. High density foam cushions are resilient and firm for maximum comfort. They easily fold for storing. The heavy duty 26-ounce marine grade vinyl upholstery is mildew resistant and UV-treated to withstand fading. All hardware in corrosion resistant stainless steel. Frames are constructed of sturdy, thick-wall, bright-dipped anodized aluminum. Seat height: 30". Seat width: 26". Seat depth: 24". Positive locking 1" anodized aluminum tubular frame. With stylish, sailfish embroidered design.

262686 (WD-119-710) **$216.95 E**

Garelick White Poly Chair Tips



Garelick White Poly Chair Tips
For 1" chair legs and tubing ends. Reinforced, non-marking. Durable. Sold 4 per display pack. Standard pack 10.

361042 (76010) **$7.95 F 2R**

Offshore Pilot Chairs



Offshore Pilot Chairs
A luxurious offering for the captain. 3-1/2" fore and aft traverse adjustment. 360° swivel with positive lock. Custom designed for comfort and ruggedness. Seat height: 37". Seat bucket width: 20".

335005 (EMS-2037D)	Chestnut	Deluxe Back: 66" H	**$1,327.95 B**
335007 (EMS-2037S)	Blue	Standard Back: 53" H	**$1,231.95 B**
335008 (EMS-2037S)	Black	Standard Back: 53" H	**$1,231.95 B**

Inland Pilot Chairs



Inland Pilot Chairs
Specially designed for inland use. Constructed of finest materials available. The padding is highly resilient and fire retardant. Upholstered in fire and mildew retardant 40 oz. marine grade Naugahyde. Frame is sturdy, all welded, corrosion resistant marine grade aluminum alloy. Has 360° swivel and rocking mechanism adjustable glides for accurate installation. Comes in standard or deluxe highback. **Custom height pedestals can be special ordered.**

334994 (EMS-2028)	Standard	Black	**$1,062.95 A**
335000 (EMS-2028)	Standard	Brown	**$1,062.95 A**
335001 (EMS-2028D)	Highback	Brown	**$1,159.95 A**
335009 (EMS-CIR)	Chair Iron Rocking		**$130.95 A**

Garelick Deluxe Pilot Chair



Garelick EEz-In White Deluxe Pilot Chair
Plush comfort for pilot and helmsman seat. Comfortable seat cushions 4" thick and 5" wings make up beautiful bucket appearance. Weather and mildew resistant marine vinyl material with attractive heat seal design. Sturdy aluminum castings to support seat and back and matching padded armrests. Seat height 28". Width 23-1/2". Depth 21". Height 17". White. Includes 24" high anodized base.

391677 (43101-01) **$571.95 F 2R**

Garelick Standard Pilot Chair

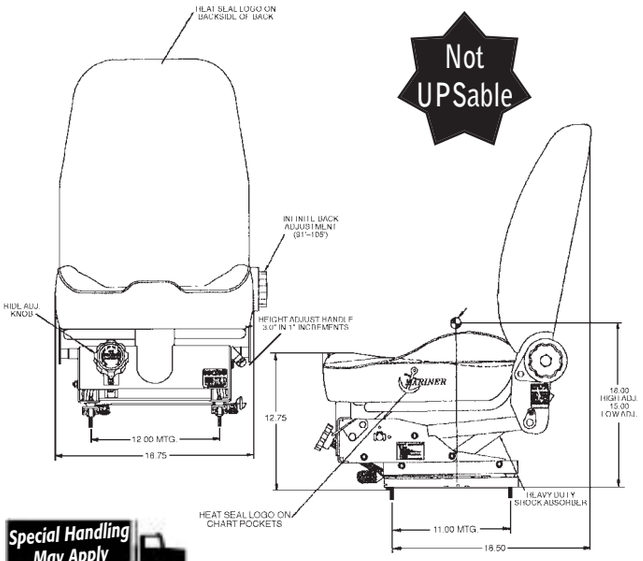


Garelick EEz-In White Standard Pilot Chair
Ideal for cruisers, houseboats or pontoons where steering is in the center of the craft. Molded seamless white vinyl cushions, firm resilient foam, aluminum chair frame, padded armrests and aluminum stool frame. Swivels 360°. Seat height 30". Width 24". Depth 19". Height 17.5". White. Includes stool frame.

391653 (43130-01) **$367.95 F 2R**

CHAIRS, TABLES, LADDERS

Pilot Chairs



Not UPSable

Special Handling May Apply

Mariner Pilot Seats with Shock Absorber

Base mounted pilot seat with heavy duty shock absorber, fully adjustable. Heat seal logo on backside of back and chart pockets. With arms.

335251 Brown **$834.95 B**
335252 Black **$834.95 B**
335263 Blue **$834.95 B**



Wise Deluxe Helm Chairs with Arm Rests

High impact plastic shell. Pillow back and seat. Heavy duty 28 oz. marine-grade vinyl. Less swivel. Mounting hardware included. Height 18-1/2". Cushion width 19". Depth 16". Overall width 23". Overall depth 22".

263311 (WD431AR-710) White **$238.95 E**
263323 (WD431AR-717) Grey **$238.95 E**
263335 (WD431AR-720) Charcoal **$238.95 E**



Wise Heavy Duty Pilot Chair

Meets FMVSS 207 and 302. Infinite back angle thru 90°. 14 gauge steel tubing. Black powder coat finish. 6" fore/aft adjustor. No sag spring construction. 50 oz. heavy duty vinyl.

335275 (WM1113-630) **$332.95 E**



Workmate Base Stand



Helmsman Base Stand



Workmate II Helm Chairs

Powder coated frame with recliner mechanism. Molded foam seat cushion and armrests. Morbern Allante vinyl upholstery. These seats are a full 4" wider than the standard Workmate, providing greater comfort and flexibility under extreme working conditions.

Helmsman base stand, slider and footrest. Has six Almag 35 aluminum legs with a diameter of 27". Each individual leg has a 1-1/4" rubber foot pad for a positive grip on all surfaces. The pedestal remains static at a height of 30" and comes with new 360° damping mechanism.

339100 (4BDM1002-NEU) Tan Vinyl **$1,605.95 B**
339101 (4BDM1002-BLK) Black Vinyl **$1,605.95 B**

Workmate base stand, slider and footrest. 4" diameter pole with oversize 12" diameter footprint. Comes with oversize star board and aluminum footrest which can be clamped in a fixed position or it can swing away to offer an unintruded standing area. The seat swivel has a single handle swivel and slide operation. The base comes in a height of 30".

339102 (4BDM1004-BLK) Black Vinyl **$1,467.95 B**
339103 (4BDM1004-NEU) Tan Vinyl **$1,467.95 B**
339104 (4BDM1001-MGR) Grey Vinyl **$1,467.95 B**



Garelick EEZ-In Offshore Fighting Chair with Polymer Seat

All weather white seat support frame - classic arm chair comfort and ladder back design backrest. Ideal at flybridge, helm station or fishing. Made for easy maintenance. Includes cushions. Width 22". Depth 20". Height 20". White.

391639 (48430) **$637.95 F**

Seat Combination Packages

Wise Seat Package

Seat: 18-1/4" H x 17" W x 19-1/2" D.

Cushions: Snap-on Bottom and Back.

Pedestal: Fixed Height Pedestal with Seat Mount. 2-7/8" diameter pipe, 15" tall. Locking 2-7/8" seat mount with 360° swivel. 9" diameter base.

263500 **$170.95 E**





Wise Seat, Swivel Eze Pedestal Combination Package

Seat: 18-1/4" H x 17" W x 19-1/2" D.

Cushions: Snap-On Bottom and Back.

Pedestal: Standard 2-7/8" adjustable (12-1/2" - 15-1/2") with locking swivel.

263502 **$181.95 E**





Wise Seat Package

Seat: 18-1/8" H x 20-1/2" W x 22-1/2" D.

Cushions: Snap-On Bottom and Back.

Pedestal: Fixed Height Pedestal with Seat Mount. 2-7/8" diameter pipe, 15" tall. Locking 2-7/8" seat mount with 360° swivel. 9" diameter base.

263503 **$174.95 E**





Wise Seat Package

Seat: 18-1/8" H x 20-1/2" W x 22-1/2" D.

Cushions: Snap-On Bottom and Back.

Pedestal: Fixed Height Locking Pedestal with for & aft slide. 2-7/8" diameter pipe, 15" tall. Locking 2-7/8" seat mount with 360° swivel. 9" diameter base.

263504 **$204.95 E**





- For ease of ordering and manufactured by industry leading companies. These products meet the requirements for "A" Drivers.

CHAIRS, TABLES, LADDERS

Seat Combination Packages





Wise Seat Package

Seat: 21" H x 23-1/2" W x 24" D.

Cushions: Snap-On Bottom, Back and Arm Rests.

Pedestal: Fixed Height Pedestal with Seat Mount. 2-7/8" diameter pipe, 15" tall. Locking 2-7/8" seat mount with 360° swivel. 9" diameter base.

263505 **$207.95 E**





Wise Seat Package

Seat: 21" H x 23-1/2" W x 24" D.

Cushions: Snap-On Bottom, Back and Arm Rests.

Pedestal: Fixed Height Locking Pedestal with for & aft slide. 2-7/8" diameter pipe, 15" tall. Locking 2-7/8" seat mount with 360° swivel. 9" diameter base.

263506 **$237.95 E**





Wise Seat, Swivel Eze Pedestal Combination Package

Seat: 21" H x 23-1/2" W x 24" D.

Cushions: Snap-On Bottom, Back and Arm Rests.

Pedestal: Ultimate 2-7/8" adjustable 14-1/2" to 19-1/2" with locking swivel and slide.

263507 **$353.95 E**

- For ease of ordering and manufactured by industry leading companies. These products meet the requirements for "A" Drivers.

Seat Combination Packages

Wise Seat, Swivel Eze Pedestal Combination Package

Seat: 32" H x 20" W x 23" D.

Cushions: Snap-On Bottom and Arm Rests.

Pedestal: Ultimate 2-7/8" adjustable 14-1/2" to 19-1/2" with locking swivel and slide.

263508 **$377.95 E**



Wise Seat Package

Seat: 32" H x 20" W x 23" D.

Cushions: Snap-On Bottom and Arm Rests.

Pedestal: Fixed Height Locking Pedestal with for & aft slide. 2-7/8" diameter pipe, 15" tall. Locking 2-7/8" seat mount with 360° swivel. 9" diameter base.

263509 **$262.95 E**



Wise Seat Package

Seat: 21" H x 22-3/4" W x 27" D.

Great for run-abouts and sports boats.

Front section folds up to act as a leaning post.

Roto molded plastic parts.

High density foam.

Heavy duty 28 oz. marine-grade vinyl.

UV treated and mildew resistant.

Universal mounting plate included for easy installation.

Pedestal: Ultimate 2-7/8" adjustable 14-1/2" to 19-1/2" H with locking swivel and slide.

263510 **$485.95 E**



- For ease of ordering and manufactured by industry leading companies. These products meet the requirements for "A" Drivers.

Pilot Chairs



Extra Wide Captain's Chair
High impact plastic shell. Heavy duty 28 oz. marine-grade vinyl. Cushions snap on & off for storage. Molded handles with padded arms. Pillow back and seat. Dimensions: 21" H x 23-1/2" W x 24" D.

484890 (WD10074) **$133.95 E**



Ladder Back Pilot Chair
High impact plastic shell. Heavy duty 28 oz. marine-grade vinyl. Cushions snap on & off for storage. Dimensions: 32" H x 20" W x 23" D.

484900 (WD1108) **$158.95 E**



Pilot Chair
High impact plastic shell. Heavy duty 28 oz. marine-grade vinyl. Cushions snap on & off for storage. Dimensions: 18-1/4" H x 20-1/2" W x 22-1/2" D.

484840 (WD015-3) **$100.95 E**



Flip-Up Bucket Seat
High impact plastic shell. Heavy duty 28 oz. marine-grade vinyl. Cushions snap on & off for storage. With fold-up leg rest. Great for run-abouts and sports boats. Front section folds up to act as a leaning post. Roto molded plastic parts. Heavy duty 28 oz. marine-grade vinyl. Universal mounting plate included for easy installation. Dimensions: 21" H x 22-3/4" W x 27" D.

484853 (WD1156) **$370.95 E**



Pilot Chair
High impact plastic shell. Heavy duty 28 oz. marine-grade vinyl. Cushions snap on & off for storage. Dimensions: 18-1/4" H x 17" W x 19-1/2" D.

484820 (WD013) **$96.95 E**

TEMPRESS MARINE SEATING

NEW ITEM



Tempress Elite Helm Seats
Rotationally molded, incorporates the patented NaviStyle StylePanel system. The StylePanels go beyond standard snap upholstery while creating a comfortable, ergonomically correct seating surface.

262698 (57010) High-Back	White	**$247.95 G**
262701 (57013) High-Back	White/Grey	**$247.95 G**

GARELICK EEz-In



Garelick EEZ-In Premium Roto Molded Chair
Attractive weatherproof white shell with arm and removable white cushions. Vented styling designed for many boating applications. Rotationally molded of tough UV resistant white polyethylene, marine grade white quilted vinyl, snap-on removable cushions, tee-nut bottom inserts accept anodized support rails that make it compatible with most pedestals, swivel and fore and aft seat slides. Width 22-1/2". Depth 18". Height 19". White.

391603 (48050) Seat Only **$290.95 F 2R**

Swingback Seats



Special Handling May Apply

Deluxe Cooler/Livewell Swingback Seats

Durable seats feature brite dipped anodized aluminum swing-arms, plush ribbed marine grade vinyl upholstery, rounded interior corners to prevent bait from getting trapped, hinged lid with a recessed, rubber gasket for a tight seal, a drain fitting and polyethylene mounting plates. The cooler/livewell has a double wall, foamed insulated interior. 70 quart. Width 36". Depth 17-3/4". Overall height 35". Height to top of seat 19-1/2".

263400 (WD156-710) White **$445.95 E**
263414 (WD156-710) Off-White **$445.95 E**



Special Handling May Apply

Deluxe Cooler/Livewell Swingback Seats

Durable seats feature brite dipped anodized aluminum swing-arms, plush ribbed marine grade vinyl upholstery, rounded interior corners to prevent bait from getting trapped, hinged lid with a recessed, rubber gasket for a tight seal, a drain fitting and polyethylene mounting plates. The cooler/livewell has a double wall, foamed insulated interior. 50 quart. Width 31". Depth 17". Seat height 34-1/2".

263385 (WD159-002) Off-White **$402.95 E**
263397 (WD159-710) White **$402.95 E**



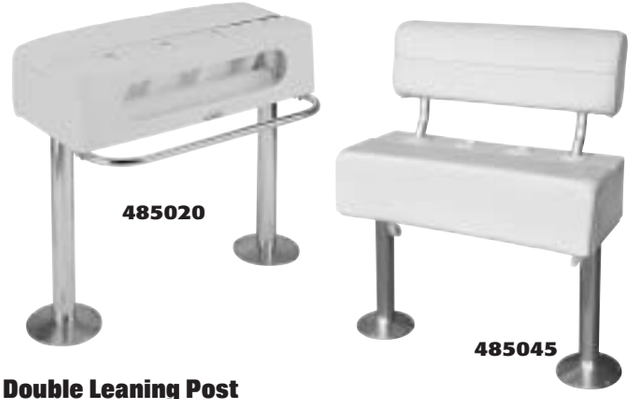
Special Handling May Apply

Stainless Steel Swingback Seat

Space below seat is designed to fit a cooler, saving valuable space. Fits 72 and 94 qt. coolers. Three different seating positions are available by adjusting the back and securing with stainless steel locking pins. Cooler sold separately. Seat height 38". Width 37". Depth 21".

263448 (WD155P-710) White **$694.95 E**

Leaning Posts



Double Leaning Post

Heavy duty 28 oz. marine grade vinyl. UV treated to resist fading and mildew. High density foam cushions. Removable cushions. Two rod holders. Open storage compartment. 24" pedestals with 9" diameter base. Stainless steel hardware. Height 9-1/2". Width 36-3/4". Depth 15-1/2". Height with pedestal 33-1/2".

485020 (WD440) **$539.95 E**

Adjustable Double Leaning Post

Heavy duty 28 oz. marine grade vinyl. UV treated to resist fading and mildew. High density foam cushions. Four rod holders. Open storage compartment. Adjustable pedestals with 9" diameter base. Stainless steel hardware. Height 9-1/2". Max. height 41-1/4". Width 36-3/4". Depth 15-1/2". Height with pedestal 30-1/4".

485045 (WD440ADJ) **$691.95 E**
485032 (WD1136) Optional Back Rest **$151.95 E**

TACO METALS



Taco Neptune III Accessory Ready Leaning Post

Easy installation and adjustment of rod holders and accessories. Small footprint great for smaller boats. Designed to look great and last. Patent pending Accessory-Ready. Bolt-down installation. Anodized brushed aluminum construction. Optional removable, clamp-on grab rail. Optional fixed ergonomically designed backrest.

484965 (L10-2000BSA-1) Neptune III with Grab Rail **$497.95 E**
484977 (L11-2600BSA-1) Backrest with Grab Rail **$283.95 E**
484990 (F31-2760BXY-1) Alum. Rod Holder w/10° Angle **$61.95 E**

CHAIRS, TABLES, LADDERS

Fold Down Seats

Wise

Economy Fold Down Seats

Built around state-of-the-art high-impact plastic frames. Made with deep polyurethane foam padding, covered with rugged marine-grade vinyl upholstery which is mildew resistant and UV-treated to withstand fading. All vinyl covers are sewn with Dacron thread and upholstered with rust-resistant staples. Seat height: 17". Seat width: 15". Seat depth: 13". Aluminum hinges, less swivel.



264138	(WD734PLS)	Charcoal	**$43.95 E**
264139	(WD734PLS)	Light Blue	**$43.95 E**
264141	(WD734PLS)	Grey	**$43.95 E**
264150	(WD734PLS)	Brown	**$43.95 E**
264165	(WD734PLS)	Sand	**$43.95 E**
264174	(WD734PLS)	Green	**$43.95 E**
264186	(WD734PLS)	Navy	**$43.95 E**
264193	(WD734PLS)	Red	**$43.95 E**
264207	(WD734PLS)	White	**$43.95 E**
264212	(WD734PLS)	Grey/Charcoal	**$43.95 E**
264228	(WD734PLS)	Sand/Brown	**$43.95 E**
264231	(WD734PLS)	Grey/Red	**$43.95 E**
264249	(WD734PLS)	Grey/Navy	**$43.95 E**

Wise Economy

Fold Down Seat

High impact plastic frame. Compression foam padding. Heavy duty 28 oz. marine-grade vinyl. Plastic sealed to resist moisture. UV treated to resist mildew and fading. Dacron thread. Aluminum hinges, less swivel. Seat height: 18-1/2". Seat width: 16". Seat depth: 17-1/2".



264255	(WD1123PLS-941)	Grey/Navy/White	**$29.95 E**

Garelick 390

Quality Fold Down Seats

Firm, resilient foam, marine grade vinyl with high density plastic substrates. Comfortable - Full 16" width. Dimensions: 16" W x 15" D x 18" H.



391829	(48391-01)	White	**$100.95 F**
391843	(48391-09)	Grey	**$100.95 F**

Wise Deluxe 2 Tone

Hi-Back Fold Down Seats

Built around state-of-the-art high-impact plastic frames. Made with deep polyurethane foam padding, covered with rugged marine-grade vinyl upholstery which is mildew resistant and UV-treated to withstand fading. All vinyl covers are sewn with Dacron thread and upholstered with rust-resistant staples. Seat height: 22". Seat width: 17". Seat depth: 19". Aluminum hinges, less swivel.



263145	(WD588PLS)	White	**$62.95 E**
263146	(WD588PLS)	Grey	**$62.95 E**
263157	(WD588PLS)	Grey/Navy	**$62.95 E**
263169	(WD588PLS)	Grey/Red	**$62.95 E**
263171	(WD588PLS)	Grey/Charcoal	**$62.95 E**
263183	(WD588PLS)	Sand/Brown	**$62.95 E**
263184	(WD588PLS)	Green	**$62.95 E**

Wise Deluxe

Hi-Back Fold Down Seats

Built around state-of-the-art high-impact plastic frames. Made with deep polyurethane foam padding, covered with rugged marine-grade vinyl upholstery which is mildew resistant and UV-treated to withstand fading. All vinyl covers are sewn with Dacron thread and upholstered with rust-resistant staples. Molded plastic seats. With cushions. Seat height: 24". Seat width: 17". Seat depth: 15".



263499	(WD892PLS)	Oyster Bay/Smoke Wood	**$107.95 E**
263501	(WD892PLS)	White/Midnight Navy	**$107.95 E**
263513	(WD892PLS)	Marvel Grey/Charcoal	**$107.95 E**

Garelick 350

Classic Fold Down Seat

Firm, resilient foam, marine grade vinyl with high density plastic substrates. Comfortable - Full 18" width. Dimensions: 18" W x 17" D x 21" H.



391881	(48351-01)	White	**$161.95 F**

Wise Camouflage Fold Down Seats



Wise Camouflage Big Man Hunting/Fishing Fold Down Seats

1000 denier cordura nylon. Molded plastic frame. No-pinch aluminum hinges. Less swivel. Seat height: 22-3/4". Seat width: 20-3/4". Seat depth: 16".

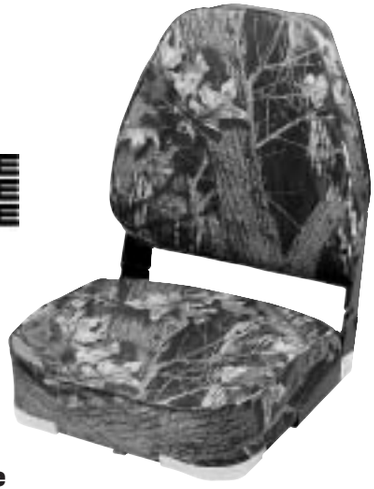
262614 (WD619PLS-729) Mossy Oak® Shadow Grass® **$97.95 E**
262613 (WD619PLS-732) Advantage™ Wetlands **$97.95 E**



Wise Camouflage Hunting/Fishing Fold Down Seats

1000 denier cordua nylon. Molded plastic frame. Black aluminum hinges. Less swivel. Seat height: 18-1/2". Seat width: 16". Seat depth: 16".

262600 (WD618PLS-732) Advantage™ Wetlands **$53.95 E**
262610 (WD618PLS-731) Mossy Oak® Break Up® **$53.95 E**



Wise Camouflage High-Back Fold Down Seat

1000 denier cordua nylon. Molded plastic frame. Black aluminum hinges. Less swivel. Seat height: 22". Seat width: 16-1/2". Seat depth: 18".

262596 (WD617PLS-731) Mossy Oak® Break Up® **$66.95 E**



NEW ITEM

Tempress Camouflage All Weather Series Seat

The durable standard for over 20 years. Ergonomic design and heavy duty construction. Accepts Tempress proprietary Quick Disconnect Mounting Kit for more functionality.

263287 (45612) High-Back Shadow Grass **$95.95 G**



Wise Camouflage Pedestal Seat

1000 denier cordura nylon. Molded plastic parts. 5-1/4" hole pattern. Mounting screws included. Seat height: 5-1/2". Seat width: 15-1/2". Seat depth: 11".

263250 (WD112BP-729) Mossy Oak® Shadow Grass® **$21.95 E**



Wise Camouflage Deluxe Molded Fold Down Seats

1000 denier cordura nylon. Molded plastic frame. T-nut construction. Mounting screws included. Seat height: 15-1/4". Seat width: 20-1/4". Seat depth: 18-1/2".

262616 (WD139LS-729) Shadow Grass® **$71.95 E**
262618 (WD139LS-731) Mossy Oak® Break Up® **$71.95 E**
262624 (WD139LS-728) Advantage **$75.95 E**

CHAIRS, TABLES, LADDERS

Molded Plastic Fold Down Seats



NEW ITEM



Tempress
All Weather Series Seats

The durable standard for over 20 years. Ergonomic design and heavy duty construction. Accepts Tempress proprietary Quick Disconnect Mounting Kit for more functionality.

263284	(45602)	High-Back	Grey/Grey	**$95.95 E**
263285	(45608)	High-Back	Charcoal/Grey	**$95.95 E**
263286	(45611)	High-Back	Red/Grey	**$95.95 E**
263290	(45616)	High-Back	White Saltwater Series	**$995.95 E**

Tempress All Weather Quick Disconnect Kit

Allows seat to swivel on a low profile corrosion proof disk.

263295 (459330) White **$25.95 G**





Wise Deluxe Molded
Plastic Fold Down Seat with Cushions

High-impact plastic shell. Compression foam padding. Heavy duty 28 oz. marine grade vinyl. UV treated to resist mildew and fading. T-nut construction. Mounting screws included. Less swivel. Seat height: 15-1/4". Seat width: 20-1/4". Seat depth: 18-1/2".

262663 (WD139LS-012) Grey/Charcoal **$58.95 E**





Wise Pro/Lean Pedestal Seat

High impact plastic frame. Compression foam padding. Plastic sealed to resist moisture. Concave back for lumbar support. Heavy duty 28 oz. marine grade vinyl UV treated to resist mildew and fading. Mounts on any standard pedestal or swivel. Seat height: 7-1/2". Seat width: 15-3/4". Seat depth: 13".

263251 (WD601P-717) Grey **$67.95 E**



NEW ITEM



Tempress
Navistyle™ Series Seats

The perfect blend of ergonomic comfort, craftsmanship and styling. Injection molded polypropylene seat shells provide maximum durability and long lasting comfort.

262713	(54800)	High-Back	White	**$148.95 G**
262725	(54907)	High-Back	Charcoal/Grey	**$148.95 G**
262737	(54913)	High-Back	White/Blue	**$148.95 G**





Wise Deluxe Molded
Plastic Fold Down Seats with Cushions

With extra thick 2-1/2" cushions. High-impact plastic shell. Compression foam padding. Heavy duty 28 oz. marine grade vinyl. UV treated to resist mildew and fading. T-nut construction. Mounting screws included. Less swivel. Seat height: 15-1/4". Seat width: 20-1/4". Seat depth: 18-1/2".

262654	(WD157LS-710)	White	**$58.95 E**
263258	(WD157LS-717)	Grey	**$58.95 E**
263262	(WD157LS-021)	White/Blue	**$58.95 E**
263272	(WD157LS-713)	Green	**$58.95 E**





Wise Pro Pedestal Seats

High impact plastic frame. Compression foam padding. Plastic sealed to resist moisture. Concave back for lumbar support. Heavy duty 28 oz. marine grade vinyl. UV treated to resist mildew and fading. Mounts on any standard pedestal or swivel. Seat height: 5-1/2". Seat width: 15-1/2". Seat depth: 11".

263208	(WD112P-717)	Grey	**$21.95 E**
263210	(WD112P-720)	Charcoal	**$21.95 E**
263222	(WD112P-711)	Navy	**$21.95 E**
263234	(WD112P-710)	White	**$21.95 E**
263246	(WD112P-712)	Red	**$21.95 E**

Wise Deluxe Pontoon Furniture with Plastic Frames



Special Handling May Apply

Wise 36" Lounge Seats - Plastic Frame
Seat is 29-1/2" H x 36" W x 25" D. Hinged seat cushion for storage.

263638	(WD953-005)	Grey/Poppy/Eclipse Red	**$297.95 E**
264315	(WD953-004)	Grey/Schooner/Eclipse Blue	**$297.95 E**



Special Handling May Apply

Wise Flip-Flop Seats - Plastic Frame
Seat is 31" H x 36" W x 26" D. Two-position back rest. Hinged seat cushion for storage.

265264	(WD952-005)	Grey/Poppy/Eclipse Red	**$371.95 E**
265288	(WD952-004)	Grey/Schooner/Eclipse Blue	**$371.95 E**



Wise Deluxe
Bucket-Style Captains Chairs - Plastic Frame
Seat is 19" H x 23" W x 23" D. Roto-molded plastic frame features pillow back and seat. For easy installation, Universal Mounting Plate (WD399-1) is included. Less swivel.

265062	(WD951LS-005)	Grey/Poppy/Eclipse Red	**$302.95 E**
265087	(WD951LS-004)	Grey/Schooner/Eclipse Blue	**$302.95 E**



Wise Captain's Stand - Plastic Frame
Seat is 33" H x 27" W x 19" D with an access door for installation.

264919	(WD954-005)	Grey/Poppy/Eclipse Red	**$293.95 E**
264933	(WD954-004)	Grey/Schooner/Eclipse Blue	**$293.95 E**



Wise Corner Section - Plastic Frame
Seat is 29-1/2" H x 25" W x 34" D. Removable seat cushion for storage.

264515	(WD957-005)	Grey/Poppy/Eclipse Red	**$356.95 E**
264539	(WD957-004)	Grey/Schooner/Eclipse Blue	**$356.95 E**



Wise Radius Arm Rest - Plastic Frame
Dimensions: 23" H x 9" W x 23" D.

264604	(WD955-717)	Square Arm Rest	Grey	**$113.95 E**
264717	(WD956R-717)	Radius Arm Rest - Right	Grey	**$113.95 E**
264818	(WD956L-717)	Radius Arm Rest - Left	Grey	**$113.95 E**

Wise Deluxe Jump Seat with Plastic Frame



Wise Deluxe Jump Seat with Plastic Frame

High impact plastic frame. Molded plastic base with vinyl finish. Scuff and mar resistant. Compression foam padding. Heavy duty 28 oz. marine grade vinyl. UV treated to resist mildew and fading. Dacron thread. Seat height: 27-1/2". Width: 15-1/2". Depth: 18". Base height: 10". Width 14".

266568 (WD1414P-717) Grey **$112.95 E**

Wise Deluxe Lounge Seats with Plastic Frame



Wise Deluxe Lounge Seats with Plastic Frame

Fits most 16' to 19' boats. High impact plastic frame. Molded plastic base with vinyl finish. Scuff and mar resistant. Compression foam padding. Heavy duty 28 oz. marine grade vinyl. UV treated to resist mildew and fading. Aluminum footrest. Dacron thread. Seat height: 27-1/2". Width: 19". Reclined: 65". Base height: 10". Width 13-1/2". Length 36-1/4".

263604 (WD707P-1) Grey/Blue **$207.95 E**
263606 (WD707P-1) Grey/Red **$207.95 E**
263608 (WD707P-1) White **$207.95 E**
263610 (WD707P-1) Navy **$207.95 E**
263613 (WD707P-1) Grey **$207.95 E**

Garelick Cockpit Side Coaming Bolster



Garelick Cockpit Side Coaming Bolster

Replace or add comfort and padded protection to inside coaming wall area of any cockpit. Flexible PVC substrates allow bolster to conform to subtle contour of coaming. Easy to install with unique hidden stainless clips and screws. Marine grade UV quilted vinyl.

391691 (48548) Length 48" **$110.95 F**

Garelick Smooth Series Pedestals



Garelick Smooth Series
Pedestals with Spider - Fixed Height
Mounts any seat securely. 4 prong spider swivels 360° and locks. 2-7/8" diameter smooth stanchion tube, 9" diameter base plate. Polished finish.

392009 (75031)	Overall Height 9"	**$103.95 F 2R**
392011 (75030)	Overall Height 12"	**$107.95 F 2R**
392023 (75032)	Overall Height 18"	**$115.95 F 2R**
392035 (75033)	Overall Height 24"	**$122.95 F 2R**
392047 (75034)	Overall Height 30"	**$133.95 F 2R**
392100 (99023)	Anodized Spider Top Only	**$47.95 F**



Garelick Smooth Series
Pedestals with Spider - Adjustable Height
Seat raises or lowers, locks at desired height. 4 prong spider swivels 360° and locks. 2-7/8" diameter smooth stanchion tube, 9" diameter base plate. Polished finish.

392061 (75035)	From 12" to 17"	**$149.95 F 2R**
392073 (75028)	From 18" to 24"	**$156.95 F 2R**

Garelick Ribbed Series Pedestals



Garelick Ribbed Series
Pedestal - Adjustable Height
Blue Water adjustable height positive pin. Pin secures base at specific height in 1" increments. Stainless steel lock pin locates securing hole easily. Provides solid base of support for a variety of seat hardware. Mounts Garelick fore and aft seat slides and 360° swivel spider combinations. Compatible with Garelick hardware. 2-7/8" diameter fluted stanchion tube, 9.25" diameter 6 hole base plate. Anodized protective finish helps prevent saltwater corrosion and weathering.

392124 (75635)	Adjustable Height 12" - 17"	**$158.95 F**



Garelick Ribbed Series Pedestals - Fixed Height
Provides solid base of support for a variety of seat hardware. Mounts Garelick fore and aft seat slides and 360° swivel spider combinations. Compatible with Garelick hardware. 2-7/8" diameter fluted stanchion tube, 9.25" diameter 6 hole base plate. Anodized protective finish helps prevent saltwater corrosion and weathering.

392085 (75530)	Overall Height 12"	**$70.95 F**
392097 (75532)	Overall Height 18"	**$77.95 F**

Garelick Adjustable Fore and Aft Seat Slide System

Garelick Millennium 2000
Adjustable Fore and Aft Seat Slide System
Slide: High tensile aluminum profile extrusion 13.75" x 8" plate, mounting hole pattern 5" x 12", Fore and Aft travel 6". Swivel Spider Mount: High tensile aluminum 2-7/8" diameter, plastic internal cup. All stainless hardware. Black powder E coated handles. Dual quick lock handles - lever actuated, provides stable, wobble-free support. Positive lock spider - rotates 360°, internal cup engages in 10° increments for positive stop lock.

391906 (21000) Anodized Aluminum **$127.95 F**



Pedestals



Posi-Lock Adjustable Pedestals

Meets or exceeds ABYC H-31 Standard for Class AD applications. Economically priced unit. 9" satin base. Rigid keyed aluminum extrusion design. Includes Track-Lock III swivel.

512012	(2385405)	Adj. Height 12-1/2" - 15-1/2"	2-3/8"	**$64.95 E**
512014	(89101)	Adj. Height 14-1/2" - 19-1/2"	2-7/8"	**$218.95 E**



Fixed Height Pedestal

512010	(238916LKSM1)	Height 15"	2-3/8"	**$62.95 E**
512006	(WP23-15S)	Height 15"	2-7/8"	**$76.95 E**



Wise Fixed Height Seat Pedestal

Deluxe 2-7/8" x 15" H fixed with locking swivel and slider.

512008 (WP23-374) **$109.95 E**



Wise Economy Pedestals

These rugged pedestals are the perfect choice for car-toppers, duck boats or any portable boat. Standard seat mount.

512040	(WD1251)	Height 7"	**$13.95 E**
512042	(WD1250)	Height 13"	**$15.95 E**

Wise Adjustable Height Pedestals



Wise Adjustable Height Aluminum Pedestal

Adjusts 13" to 17". Polished, anodized aluminum post. 10" diameter base. Powder coated base. Fits seats with a 5-1/4" hole pattern. Meets all ABYC safety standards.

263647 (WD1500) **$59.95 E**



Wise Adjustable Height Locking Pedestal with Seat Mount

Adjusts from 12" to 18". Smooth, thick-wall polished anodized aluminum. 2-7/8" diameter pipe. Locking 2-7/8" seat mount. 360° swivel. 9" diameter base. Meets all ABYC safety standards.

512015 (WP21-374) **$140.95 E**



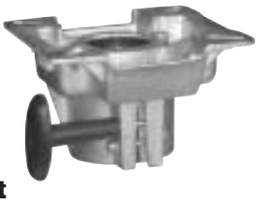
Springfield Pedestal Swivel
Powder coated die casting for strength and durability. Centrally located handle for ease of adjustments. Fits 2-7/8" posts with lock.

512002 (1100021-L) **$38.95 E**



Garelick EEz-In 360° Swivel Positive Lock Seat Mount Top
Provides full circle rotation for seating. Dual quick lock handles - lever actuated, provides stable, wobble-free support; Positive Quick Lock engages immediately. Secondary Twist Control Drag affords selected drag for rotation. Internal Delrin Bearing Cup engages in 10° increments for Positive Lock when tightening. Fits all Garelick Pillar Series, 2-7/8" diameter fluted stanchion pedestal seat bases. Meets ABYC-H31, Type A Seating Standards.

392251 (99026) **$73.95 F**



Wise Cast Aluminum Seat Mount
5-1/4" hole pattern. Fits 2-7/8" OD pedestals. Stainless steel handle to lock seat mount in place on locking and non-locking pedestals. Stainless steel handle to tighten or release seat mount or to enable swivel action.

511988 (WP94) **$32.95 E**



Garelick Toggler Brand Stainless Steel Toggle Bolt Anchors
For use with any Garelick or Bell Type Pedestal Seat Base. Positively secures seats and table bases to decks or any accessory to cabin walls. Made of 304 stainless steel. For deck or cabin thickness from 3/8" to 2-1/2", requires 1/2" holes. Poly bag and header card.

359972 (21021) Contains 50 each 1/4" - 20 Size Anchors Only **$4.95 F**
359962 (21022) Contains 1 Pair 1/4" - 20 Size Anchors Only **$14.95 F 10Q**
392136 (21026) Contains 6 each 1/4" - 20 Size Anchors Only **$32.95 F**



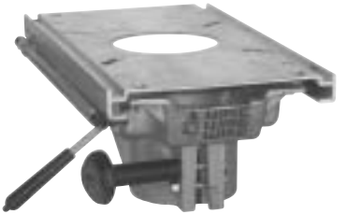
Springfield Trac Loc III Slide with 2-7/8"
Exceeds ABYC H-31 standard for Class AD or AP applications. This swivel and slide unit features an easy to reach front operation handle for both the fore and aft adjustments on the swivel.

512004 (1100521-L) **$83.95 E**



Garelick EEz-In Seat Slide and Locking Swivel
Ideal for use in low profile seating installations where slide and swivel are to be mounted directly to the deck. Allows helm or boat seats to adjust fore and aft 7-1/2" and swivel 360°. Unique swivel mechanism allows for 8 position locking in 45° increments while swivel rotates. Allows unequalled smooth travel. Aluminum extrusions and convenient slide handle assures positive and solid locking at any position. All aluminum parts are anodized. Width 8-1/2". Length 13-1/2". Height 4".

392376 (75090) **$149.95 F 2R**



Wise Fore and Aft Slide
Anodized aluminum. 2-7/8" seat mount. Slide plate fits most seats. Fits locking and non-locking 2-7/8" pedestals. Slide plate fits most seats.

511990 (WD374) **$57.95 E**



Garelick EEz-In Detachable Pedestal Plate
Anodized aluminum plate mounts to deck surface. Complete with 3 stainless steel cap screws and allen wrench. Diameter 9".

392148 (75056) **$60.95 F 2R**

Seat Accessories



Garelick EEz-In Adjustable Seat Swivel Clamp
Durable – all metal construction. Universal swivel clamp holds secure to most board or tank type seats. Adjusts from 8" to 18" wide. Rotates 360°. Self-lubricated, noncorrosive poly swivel bearing. Vinyl covered clamps.

392302 (75007) **$49.95 F 2R**



Attwood Swivl-Eze Clamp-On Seat Swivel
Black powder coated swivel. Fits most seat hole patterns. Adjusts from 7.5" to 18".

512020 (15700-3) **$24.95 F**



Wise Universal Boat Seat Mounting Clamp
Makes boat seat installation easy, on jon and aluminum boats. Heavy duty zinc plated wire is coated with a non-slip material. Mounting brackets are made out of tough weather resistant plastic. Opens to 15". Seat Swivel not included.

264274 (WD80) **$20.95 E**



Nylon-Bearing Swivel
Zinc plated steel. Swivels 360°. 5-1/4" hole pattern. Fits most seats.

293333 (613) **$10.95 F**



Garelick EEz-In Seat Swivel – Angled
6" x 6". Rotates 360°. Self-lubricated, noncorrosive poly swivel bearing. Plated steel to resist corrosion. Has 7° angle. Fits most standard seat hole patterns.

360848 (75017) **$22.95 F 2R**



Wise Small Helmsman Seat Hinge - Aluminum
One pair of aluminum seat hinges. 1 left side and 1 right side.

264301 (WD13) 10" x 8" **$9.95 E**



Attwood Swivl-Eze Jon Boat Seat Slide
15" 3-piece set. Quick release aluminum design. Designed with a 5-1/4" standard mounting hole pattern. Easily installed seat mount.

581068 (SP-15900) **$39.95 F**



Attwood Swivl-Eze Jon Boat Seat Plate/Rails
Bench style seat mounts. Great for mounting seats in jon boats. Constructed of quality aluminum.

581067 (SP-15100) Seat Plate Only **$16.95 F**
581069 (SP-15200) 30" Rails Only **$23.95 F**

Attwood Swivl-Eze Lock'N-Pin™ Pedestal System Components


587482


587494

Attwood Swivl-Eze Lock'N-Pin™ Pedestal Packages

Complete packages includes: Zinc plated steel seat mount, brushed aluminum post and stainless steel base plate. 3/4" pin pedestal. ABYC Code: B.

587482	(96839)	6" x 8" Base Plate	11" Post (2114)	**$51.95 F**
587494	(97739)	7" x 7" Base Plate	11" Post (2114)	**$50.95 F**
587519	(97739-T)	7" x 7" Base Plate	13" Post (2134-T)	**$56.95 F**


587571

587622

587634

Attwood Swivl-Eze Lock'N-Pin™ Power Pedestals - Adjustable

Brushed aluminum. Adjustable power pedestal for use with pin seat mount. 3/4" pin pedestal. Steel pin. 1.77" diameter. Threaded.

587622	(3004-R-T)	Adjustable Height 15" - 18"	**$86.95 F**
587595	(3204-R-T)	Adjustable Height 24" - 30"	**$98.95 F**

Brushed aluminum. Adjustable power pedestal with integral seat mount. 3/4" pin pedestal. Steel pin. 1.77" diameter. **587634** (3004-T) and **587571** (3204-T) are threaded. **587572** (3204) is non-threaded.

587634	(3004-T)	Adjustable Height 15" - 18"	**$84.95 F**
587571	(3204-T)	Adjustable Height 25-1/2" - 31"	**$87.95 F**
587572	(3204)	Adjustable Height 25-1/2" - 31"	**$85.95 F**



Attwood Swivl-Eze Lock'N-Pin™ Offset Post - Fixed Height

Polished stainless steel. 3/4" pin pedestal. Height 13". 1.50" diameter. Threaded. Stainless steel pin. ABYC Code: B.

586402 (7153-T-SS) **$57.95 F**



Attwood Swivl-Eze Offset Seat Swivel

Swivels 360° allowing a 6" offset from extension post. Zinc plated for corrosion resistance with olite bronze bushings for added durability. Seat mount and pedestal sold separately.

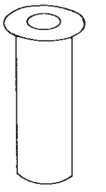
587383 (7062) **$35.95 F**

Attwood Swivl-Eze Pedestal Replacement Parts

581066	(SP-14000)	Nylon Adapter Bushing, 1.77 to 3/4	**$14.95 F**
587963	(SP-102)	Seat Mount Spring	**$2.95 F**
587975	(SP-201)	Replacement Bushing - White Nylon	**$2.95 F**
587987	(SP-602)	Replacement Bushing - Brass	**$7.95 F**
587999	(932)	Stainless Steel Hitch Pin	**$3.95 F**


581066


587963


587975

Attwood Swivl-Eze Lock'N-Pin™ Pedestal System Components



Attwood Swivl-Eze Lock'N-Pin™ Base Plates - Aluminum

Aluminum. 3/4" pin pedestals. Nylon bushing. Non-threaded. ABYC Code: B.

587381 (6774)	7" x 7"	Bulk	**$27.95 F**
587356 (SP-69R4-1)	9" Round - Inverted	Skin Pack	**$37.95 F**
587355 (68R4)	8" Round	Bulk	**$25.95 F**



587102



587127

Attwood Swivl-Eze Lock'N-Pin™ Seat Mounts

Zinc plated steel. 3/4" pin pedestals. 3° tilt. ABYC Code: B.

587102 (1002)	2-3/4" Steel Pin with Spring	**$9.95 F**
587127 (SP-1002-ADJ)	Adjusts to Three Angles	**$49.95 F**
587110 (1002-S)	2-1/2" Steel Pin without Spring	**$11.95 F**

All stainless steel. 3/4" pin pedestals. 3° tilt. ABYC Code: B.

587111 (1002-SS)	2-3/4" S/S Pin without Spring	**$31.95 F**



Attwood Swivl-Eze Lock'N-Pin™ Posts - Adjustable Height

Brushed aluminum. 3/4" pin pedestal. 1.50" diameter. Pro-Post. Steel pin. Adjustable Height: 25" x 31". ABYC Code: B.

587557 (2244-ADJ)	Non-Threaded	Bulk	**$39.95 F**
587558 (SP-2244-ADJ)	Non-Threaded	Skin Pack	**$41.95 F**
587556 (SP-2244-ADJ-T)	Threaded	Skin Pack	**$42.95 F**
587999 (932)	Replacement Hitch Pin		**$3.95 F**



Attwood Swivl-Eze Lock'N-Pin™ Base Plates - Stainless Steel

Stainless steel. 3/4" pin pedestals. ABYC Code: B.

Bronze Bushing.

587329 (6773-T)	7" x 7"	Threaded	Bulk	**$29.95 F**
587319 (6483)	4" x 8"	Non-Threaded	Bulk	**$25.95 F**

Nylon Bushing.

587906 (6773)	7" x 7"	Non-Threaded	Bulk	**$24.95 F**
582063 (SP-6773)	7" x 7"	Non-Threaded	Skin Pack	**$27.95 F**
587907 (67739-T)	7" x 7"	Threaded	Bulk	**$27.95 F**
587330 (SP-6773-T)	7" x 7"	Threaded	Skin Pack	**$31.95 F**
587909 (6683)	6" x 8"	Non-Threaded	Bulk	**$24.95 F**
587310 (6683-T)	6" x 8"	Threaded	Bulk	**$27.95 F**
587312 (64839)	4" x 8"	Non-Threaded	Bulk	**$20.95 F**



587204 587216 587230

Attwood Swivl-Eze Lock'N-Pin™ Posts - Fixed Height

Brushed aluminum. 3/4" pin pedestal. 1.50" diameter. Steel pin. Tough nylon swivel bushings provide smooth seat rotation. ABYC Code: B.

587150 (2064)	Height 6"	Non-Threaded	Bulk	**$11.95 F**
587204 (2114)	Height 11"	Non-Threaded	Bulk	**$11.95 F**
587206 (SP-2114)	Height 11"	Non-Threaded	Skin Pack	**$13.95 F**
587216 (2134)	Height 13"	Non-Threaded	Bulk	**$12.95 F**
582065 (SP-2134)	Height 13"	Non-Threaded	Skin Pack	**$15.95 F**
587217 (2164)	Height 16"	Non-Threaded	Bulk	**$15.95 F**
587205 (2114-T)	Height 11"	Threaded	Bulk	**$13.95 F**
587207 (SP-2114-T)	Height 11"	Threaded	Skin Pack	**$15.95 F**
587230 (2134-T)	Height 13"	Threaded	Bulk	**$14.95 F**
587209 (SP-2134-T)	Height 13"	Threaded	Skin Pack	**$15.95 F**
587570 (2254-T)	Height 25"	Threaded	Bulk	**$26.95 F**

Stainless Steel

587208 (2134-T-SS)	Height 13"	Threaded	Bulk	**$21.95 F**

Attwood Swivl-Eze Snap-Lock™ Series Pedestal System Components

All Snap-Lock™ Series components snap and hold together. Posts are sturdy bright-anodized aluminum. Seat Mounts are E-coated for superior construction. Type A/Operator models have ergonomic swivel-locking handle with stainless steel components. Seat mounts have been designed to permanently lock into the post, in any swiveling position. All posts include a larger locking clip with a metal insert that slows the posts to lock into bases for added safety. Press button to release. Both the snap-lock and locking clip are engineered to prevent unintentional detachment. Posts are sized on both ends for a precision fit.



Attwood Swivl-Eze Snap-Lock™ Series Base Plate
9″ round aluminum base for 1.77″ extension poles.

587361 (67904) **$28.95 F**



Attwood Swivl-Eze Snap-Lock™ Series Seat Mount
Black E-coat steel. 3° tilt. 1.77″. Installed height: 2″. ABYC Code: AN.

587566 (19000) **$16.95 F**



Attwood Swivl-Eze Snap-Lock™ Series Post - Fixed Height
Sturdy bright-anodized aluminum. Clear anodized. 1.77″. Height 11″ ABYC Code: B. Sold each.

587990 (29110) **$18.95 F**



Attwood Swivl-Eze Snap-Lock™ Series Post - Adjustable Height
Sturdy bright-anodized aluminum. Clear anodized. 1.77″. Adjustable height 16″ - 20″. ABYC Code: B. Sold each.

587988 (39004) **$80.95 F**

Springfield Spring-Lock Power Rises





Springfield Spring-Lock Power Rises
A unique design utilizing a compressed gas cylinder to assist in adjusting height of pedestal.

512016 (1641005) Adjustable Height 13.5″ - 20″ **$103.95 E**
512018 (1641008) Adjustable Height 22″ - 29″ **$131.95 E**

Garelick EEz-In Aluminum Chair/Seat Stand



Garelick EEz-In Aluminum Chair/Seat Stand
Complete portability for pilot, helm or fishing chairs. 4 prong spider swivel rotates and locks on 2-7/8" anodized aluminum tube. Premium poly tipped legs. Leg spread: 21" square. Height 30".

392225 (75161) **$233.95 F 2R**

Garelick EEz-In Footrests



Garelick EEz-In Oak Footrest/Cockpit Step
Used in conjunction with Helmsman Seat. Eliminates dangling feet while piloting. Can be used as boarding step. Stamped aluminum folding side brackets. Varnished Oak traction grooved step. Height 7-1/2". Depth 8-1/4". Width 15".

360014 (26015) **$65.95 F**



Garelick EEz-In Swivel Stanchion Footrest
Eliminates dangling feel – adds comfort at helm. Aluminum casting fits 2-7/8" diameter stanchion. Can be locked in any position. Adjusts for desired height and swivels as required. Traction grooved stepping surface.

392198 (75004) **$155.95 F 2R**



Garelick EEz-In Flat Surface Type Fishing Gimbal
Chrome plated brass. Sold each.

360812 (75011) **$71.95 F 2R**

Garelick EEz-In Deck Table



Garelick EEz-In Deck Table with Round Melamine Top

Compact size ideal for decks, inside cabins or picnics ashore. Durable hard finish top is sealed watertight. Top: Thermofused, white melamine is permanently bonded to core on both sides, edge finished with molded sea lip. 24" round. Height 16". Legs are rugged aluminum, folds flat, plastic tips.

391487 (50410) **$98.95 F**

Garelick EEz-In Adjustable Table Pedestal



Garelick EEz-In Adjustable Table Pedestal

Converts dinettes to berths. Locks any height from 14-1/2" to 30-3/4". Precision stanchion tubing 2-7/8" diameter. 9" diameter cast aluminum base on each end. In lower position inside tube goes below deck 6". Castings have (6) 1/4" holes for mounting. Polished finish. Sold each.

360862 (75025) **$183.95 F 2R**

DetMar Removable Marine/RV Tables



DetMar Removable Marine/RV Tables

Two table tops are offered, rectangular (16" x 28") or octagonal (8-sided 20" across) shapes, both molded from high-impact plastic for durability and corrosion resistance to sun, salt water and solvents. Clean-up can be done with soap and water. For easy installation and removal, tables have molded-in underside receptacles that fit 2" diameter. 304 brushed stainless steel table legs. Octagonal table height is 27", rectangular table height is 26". Both the rectangular and octagonal tables are available in complete kits; (top, leg, and table receptacle). Floor receptacle: recessed flush mount, high-impact plastic 6-5/8" diameter with a 1-5/8" recess. Table accepts #10 x 1-1/4" oval head sm screws. Table receptacle. Surface mount, Molded high-impact plastic. Mounts flush to underside of table or to floor. 6-1/2" diameter. Accepts #10 x 1" pan head screws. Table leg is stainless steel; 2" diameter. x 26" long.

327101	(12-1106C)	White	Rectangular Table Kit	**$88.95 F**
327102	(12-1109C)	White	Octagonal Table Kit	**$77.95 F**
327100	(12-1103C)	White	Octagonal Table Top Only	**$46.95 F**
327105	(12-1131)	Black	Table Receptacle	**$7.95 F**
327104	(12-1127)	Black	Floor Receptacle	**$7.95 F**
327103	(12-1122)		26" Stainless Steel Table Leg	**$27.95 F**

Platforms



MARINCO-AFi



A.F.I. Teak Platforms

Swim platforms with ladder and mounting hardware. Solid teak and stainless steel construction. Platform measures: 18" W (back), 17" W (front) x 15" D x 1-5/16" thick. Some assembly required.

216134 (60902) For Outboard Boats **$174.95 F**
216146 (60903) For Inboard/Outboard Boats **$178.95 F**

MARINCO-AFi





A.F.I. Polypropylene Platforms

Platform kits are easy to assemble using pre-marked and pre-drilled holes for all hardware assembly attachments. Molded platform manufactured of UV resistant, high strength polypropylene. Anti-skid ribs and textured surface molded onto platform. Handrails, brackets and hardware are stainless steel. Platform measures: 18" W (back), 17" W (front) x 15" D x 3/4" thick.

216160 (67900) For Outboard Boats **$107.95 F**
216172 (67901) For Inboard/Outboard Boats **$109.95 F**
216184 (67902) For Outboard Boats - Includes Ladder **$153.95 F**
216196 (67903) For Inboard/Outboard Boats - Includes Ladders **$155.95 F**

GARELICK EEz-In



Garelick EEz-In Combo - Outboard Transom Platform and Telescopic Ladder

High density, white polyethylene. For use on outboard transoms. 1" diameter stainless steel. One stainless wrap around rail and one underside support rail, reversible. Ladder steps – telescope down easily. Vertical slide up, under platform for stowage. Poly comfort flat steps, stainless hardware. Dimensions: 18" wide x 15.5" deep x .75" thick. Rail height above and below platform: 12.5". Ladder: Electropolished stainless steel – 2 steps. Length deployed: 22.75". Length stowed: 17". Overall height: 5". Width 13.5".

361105 (19536) **$255.95 F**

GARELICK EEz-In



Garelick EEz-In Combo - I/O Transom Platform and Telescopic Ladder

High density, white polyethylene. For use on inboard/outboard transoms. 1" diameter stainless steel. Two stainless wrap around rails. Ladder steps – telescope down easily. Vertical slide up, under platform for stowage. Poly comfort flat steps, stainless hardware. Dimensions: 18" wide x 15.5" deep x .75" thick. Rail height above and below platform: 12.5". Ladder: Electropolished stainless steel – 2 steps. Length deployed: 22.75". Length stowed: 17". Overall height: 5". Width 13.5".

361117 (19546) **$255.95 F**

A.F.I. Platform Mounting Bracket

MARINCO-AFi



A.F.I. Platform Mounting Bracket

216261 (60995) For 72", 80" and 84" **$87.95 F**

A.F.I. Teak Plugs

MARINCO-AFi



A.F.I. Teak Plugs

Sold 20 plugs per bag.

215334 (60151) 3/8" **$1.95 F**

Garelick EEz-In Swim Platforms/Ladders



Garelick EEz-In Outboard Swim Platform/Ladder
High density, white polyethylene. For use on outboard transoms. 1" diameter stainless steel. One stainless wrap around rail and one underside support rail, reversible. Durable, platform is easy to clean. Stainless steel hardware. Dimensions: 18" wide x 15.5" deep x 1.5" thick. Rail height above and below platform: 12.5". Comes with 1 step folddown ladder, 13" L x 14.5" W.

390962 (19535) **$227.95 F**



Garelick EEz-In I/O Swim Platform/Ladder
High density, white polyethylene. For use on inboard/outboard transoms. 1" diameter stainless steel. Two stainless steel wrap around rails. Durable, platform is easy to clean. Stainless steel hardware. Dimensions: 18" wide x 15.5" deep x 1.5" thick. Rail height above platform: 12.5". Comes with 1 step folddown ladder, 13" L x 14.5" W.

390974 (19545) **$227.95 F**

DetMar Swim Platforms



DetMar Swim Platforms
The high strength polypropylene construction will not bleach, fade or crack. The unique design features an attractive ivory poly with no-slip ribbing. Platform measures 20" wide by 16" long. All stainless steel fasteners included.

327292 (10-15-22C) I/O-O/B Platform **$163.95 F**
327317 (10-15-27C) O/B Platform **$161.95 F**

Garelick EEz-In Compact Folding Platform Ladders



Garelick EEz-In Compact Folding Platform Ladders
Double fold provides an additional step into the water. Stows compactly on transom platform. Easy to install, mounting hardware included. 1" diameter stainless steel. Flat poly treads are attached to steps for comfort. Overall width 15".

391160 (19515) 2 Steps Length Deployed 23.5" **$205.95 F 2R**
391172 (19516) 3 Steps Length Deployed 32" **$220.95 F 2R**

Sport/Diver Ladders



Garelick EEz-In Bass Boat Transom Ladder - Special Black Finish

Compact 2 step for low freeboard transoms. Removable when fishing or underway - quick release mount. Easy to climb - angled stairlike design. Oval steps with non-skid surface. Stainless mounting hardware - 2.75" W x 3.62" H. Center vertical 2.25" diameter fluted black coated aluminum tube. Welded cross steps, non-slip oval shaped aluminum steps. Length 28". Width 13".

391324 (19812) **$220.95 F**



Garelick EEz-In Stainless Steel Sport/Diver Ladders

Superior corrosion resistance electropolished stainless steel. Center post design - angled mount for stair-like ease. Quick release transom mount bracket makes attachment easy. Heavy duty - rated to 400 lbs. boarding weight. Comfortable non skid step surface. Center vertical 1.75" diameter electropolished stainless steel tube. Welded stainless cross steps, non-slip oval shaped aluminum steps. Width 14.5".

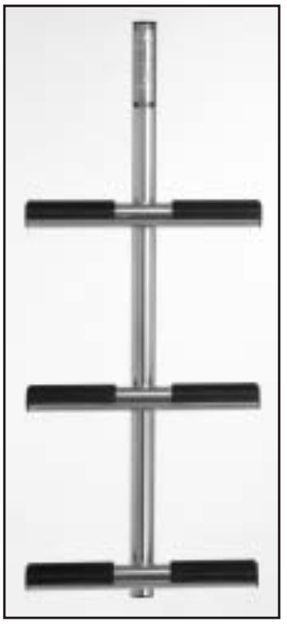
391336 (19833) 3 Steps - 37" L **$314.95 F**
391348 (19834) 4 Steps - 48" L **$370.95 F**



Garelick EEz-In Sport/Diver Ladders

Angled design for stairlike ease of boarding. Center vertical allows easy use with diving gear. Oval steps with non-skid surface. Quick release mounting bracket with lock for easy stowage. Heavy duty – rated to 400 lbs. boarding weight. It floats. Center vertical 2-1/4" diameter fluted white epoxy coated aluminum tube. Welded cross steps, non-slip oval shaped aluminum steps. Width 13".

391297 (19803) 3 Steps - 38" L **$276.95 F**
391300 (19804) 4 Steps - 48" L **$322.95 F**



Windline Sport/Diver Boarding Ladders

Highest quality all stainless steel construction, rated at 400 lbs. load capacity. Features 1.5" thick-walled tubing. Divers will appreciate the center bar design and comfortable angle engineered for an obstacle-free, extra-easy ascent. Wrap-around PVC treads provide maximum foot comfort. Includes mounting bracket with fastpin for positive lock and quick-release for trouble-free stowage. Electropolished corrosion resistant tubing. Width 14".

692170 (DLX3X) 3 Step - Length Deployed 38" **$150.95 E**
692182 (DLX4X) 4 Step - Length Deployed 48" **$169.95 E**



Garelick EEz-In Standard Transom Mounting Bracket

One included with each ladder, additional bracket for multiple mounting locations on boat, 1" thick poly spacer 10 degree angle, with lock and stainless steel face plate mounting bracket, 2.75" W x 3.62" H. Mounting hole diameter: 5/16".

391386 (99180) **$43.95 F**

Garelick EEz-In Transom Mounting Extension Shim

Extends ladder from the transom. Used with face plate and 10 degree poly spacer included with ladder. Made of stainless steel, 2.75" W x 3.62" H.

391413 (99184) **$60.95 F**

Drop Ladders

Marpac Drop Ladders

Heavy gauge marine grade stainless steel construction with polished finish. Telescoping design goes from compact storage to easy deployment. Non-skid plastic treads angled for safety and comfort.



7-1635 2 Steps **$99.95 F**
7-1636 3 Steps **$112.95 F**



Garelick EEz-In
Compact Stainless Steel Transom Ladder

Designed for mounting on limited area, 3-1/2" x 12-1/2". Ladder stows upright against transom. Easy to install, includes lock strap. Flat poly treads are attached to steps for comfort. 1" diameter stainless steel. Width 14-1/2". Overall height 15-1/2". Length deployed 15". Length stowed 15-1/2". 2 steps.

391110 (19513) **$126.95 F 2R**


391146


391158

Garelick EEz-In
Over Platform Telescoping Drop Ladders

Electropolished stainless steel. Steps – fold out and over, telescope down easily. Compact stowage – steps fold over flat on platform. Flat poly treads are attached to steps for comfort. Mounting hardware and quick lock nylon strap included.

2 Steps. Length deployed 23". Length stowed 13-1/2". Overall height 1-1/4". Width 12".
391146 (19615) **$101.95 F**

3 Steps. Length deployed 34". Length stowed 14-1/2". Overall height 1-1/2". Width 11-1/2".
391158 (19616) **$144.95 F**





Windline Over Platform Telescoping Ladders

Constructed of thick-wall stainless steel tubing. Requires smaller space. Stainless steel telescoping steps with plastic treads. Folds flat onto platform.

2 Steps. Length deployed 23.5". Length stowed 13.5". Height stowed: 1.6". Width 12".
692156 (TDL-2X) **$79.95 E**

3 Steps. Length deployed 34". Length stowed 14.5". Height stowed: 1.8". Width 12.5".
692168 (TDL-3X) **$111.95 E**

4 Steps. Length deployed 44". Length stowed 16.5". Height stowed: 2". Width 13".
692207 (TDL-4X) **$149.95 E**

Garelick Pontoon Ladders



Garelick EEz-In Pontoon Swim Ladders

For use at pontoon side gate or transom. Attaches easily to deck with Shur-Loc catches. Vinyl sleeves on verticals protect pontoon. Durable 1" diameter anodized aluminum tube. Hooks fold flat for stowage. Comfortable white traction molded poly steps. Width 15".

391285 (15230) 3 Steps - 36" L **$142.95 F**
391286 (15240) 4 Steps - 50" L **$162.95 F**



Garelick EEz-In Dock/Pontoon Ladder

10 degree angled design provides effortless boarding. All aluminum heavy walled 1" diameter tube construction. Wide track 18" ladder with full 16" width step surface. Comfortable anodized aluminum traction tread curved step surface. Dual handrails 15" height and extends 14" deep onto dock. Fold up hardware feature - easily removed for seasonal storage. Assembly is quick and easy with all stainless steel hardware. Capacity 300 lb. boarding weight.

391289 (15340) 4 Steps **$314.95 F**
391290 (99204) Quick Release Bracket **$46.95 F**



Garelick EEz-In Shur-Loc Ladder Catche

Bracket mounts to hull or deck for attaching latch type boarding ladders and cockpit steps. Allows permanent or temporary mounting. Stamped stainless steel self locking design. Package in pairs. 2.5" H x 1.75" W.

391437 (76000) **$17.95 F**



Garelick EEz-In Folding Deck Ladder

Folds down 2 - 4 steps for easy boarding. Folds and stows in locker underneath pontoon furniture. Stainless steel 6" gudgeon attaches to deck mounted Shur-Loc catches, included. Cushioned standoffs abuts pontoon "log". Durable 1" diameter anodized aluminum tube. Comfortable white traction molded poly steps. 2 - 4 steps. Fold down length 24" x 18". Width 15".

391261 (12150) **$185.95 F**



Garelick EEz-In "Swinger" Pontoon Boarding Ladder

Permanently mounts at side gate. Unique self- locking brackets – lock ladder in place. Easy to install. Stows flat against railing – eliminates storage problems. Stainless steel hardware and securing strap included. Durable, double walled 1" diameter anodized aluminum tube. Comfortable non-slip oval-shaped anodized aluminum steps. Length 36". Width 24". 3 steps.

391247 (19250) **$184. 95 F 2R**

Hook Ladders



Windline Over Platform Folding Ladder
Constructed of thick-wall stainless steel tubing. 4 plastic step aluminum pontoon ladder. Installs and removes instantly from CM-1 plastic cup mounts. Length deployed 45". Length stowed 30". Height stowed: 4". Width 16".

692194 (FDL-4B) **$107.95 E**





Windline Telescoping Gunwale Hook Ladder
Stainless steel tubing. 3 wide steps for comfortable boarding. Stainless standoffs with rubber crutch tips to protect your hull. Steps telescope and hooks fold for compact, flat storage. 250 lbs. workload.

692210 (TGL-3) **$101.95 E**



Sea Dog Folding Ladder
Made of molded-in, high-visibility orange polycarbonate with nylon rope supporting the frame. They secure quickly to cleats, railings, stanchions and halyards and will support up to 300 pounds. 5 steps.

322522 (582501-1) **$39.95 H**



391362



Garelick EEz-In Gunwale Hook Ladders
Comfortable and sturdy white traction molded plastic steps. Thick vinyl covered hooks. Durable 1" diameter aluminum tubing. All aluminum adjustable standoffs with cushioned tips. Hooks and standoffs fold flat for compact storage. Width 15". Individually boxed.

391007	(05037) 3 Step	Height 36"	7" Hooks	**$45.95 F 2R**
391021	(05031) 3 Step	Height 36"	11" Hooks	**$45.95 F 2R**
391033	(05041) 4 Step	Height 48"	11" Hooks	**$52.95 F**

Garelick EEz-In Aluminum Ladder Standoffs
Supports ladders against hull. Fits traction molded poly step. Cushioned tip - Helps protect hull. Length 4.5". Sold per pair.

391362 (99000) **$15.95 F**



DetMar Self-Stowing Outboard Ladder
The patented Stow-A-Weigh Hinge is the component that makes these boarding ladders unique. The lower portion of the ladder is simply raised, folded back and dropped into raised-locked position. To lower, the folded up section is slightly liften and then swing back to down position. Load tested to one thousand pounds. 7/8" O.D. anodized aluminum tubing.

326957 (5-10C) 3 Step **$99.95 F**

Semi-Custom Boat Covers

Polyester Boat Covers

- Constructed of 6.25 oz. acrylic coated polyester
- Great for all climates
- A great combination of breathability and water resistance
- Shock cord sewn in hem to ensure a tight fit
- 5 Year Limited Warranty
- Completely synthetic, so mildew can not attack it
- UV inhibitors added
- Windshield reinforcements sewn in
- Heavy duty webbing and adjustable tie-down kits included

Poly-Cotton Boat Covers

- Constructed of 10 oz. 60/40 Poly-Cotton fabric
- Breathable
- Heavy duty webbing and adjustable tie-down kits included
- Gray color only
- Treated for mildew and stain resistance.
- UV resistant
- Shock cord sewn in hem to insure a close fit
- 2 Year Limited Warranty



V-Hull Runabout Boat Covers

Open or closed bows. Fits integrated swim platforms and square transoms. Fits boats with bow rails under 6" high. Fits over low profile accessories. Bound in motor hood - O/B models only.

Polyester Fabric.

7-7989	90" W x 17' 6" L	Black	**$186.95 F**
7-7990	90" W x 17' 6" L	Blue	**$186.95 F**
7-7991	90" W x 17' 6" L	Burgundy	**$186.95 F**
7-7992	90" W x 17' 6" L	Green	**$186.95 F**
7-7993	96" W x 18' 6" L	Black	**$213.95 F**
7-7994	96" W x 18' 6" L	Blue	**$213.95 F**
7-7995	96" W x 18' 6" L	Burgundy	**$213.95 F**
7-7996	96" W x 18' 6" L	Green	**$213.95 F**
7-7997	96" W x 19' 6" L	Black	**$218.95 F**
7-7998	96" W x 19' 6" L	Blue	**$218.95 F**
7-7999	96" W x 19' 6" L	Burgundy	**$218.95 F**
7-8000	96" W x 19' 6" L	Green	**$218.95 F**

Poly-Cotton Fabric - I/O.

821202	Width 86"	Length 16' 6"	**$134.95 F**
821214	Width 90"	Length 17' 6"	**$158.95 F**
821226	Width 96"	Length 18' 6"	**$181.95 F**
821238	Width 96"	Length 19' 6"	**$185.95 F**
821303	Width 102"	Length 20' 6"	**$200.95 F**
821315	Width 102"	Length 21' 6"	**$209.95 F**
821327	Width 102"	Length 22' 6"	**$218.95 F**
821339	Width 102"	Length 23' 6"	**$238.95 F**
821341	Width 102"	Length 24' 6"	**$244.95 F**
821353	Width 102"	Length 25' 6"	**$248.95 F**

Poly-Cotton Fabric - Outboard.

821012	Width 86"	Length 16' 6"	**$134.95 F**
821024	Width 90"	Length 17' 6"	**$174.95 F**
821036	Width 96"	Length 18' 6"	**$183.95 F**
821048	Width 96"	Length 19' 6"	**$192.95 F**
821113	Width 102"	Length 20' 6"	**$195.95 F**
821125	Width 102"	Length 21' 6"	**$198.95 F**



V-Hull Cuddy Cabin Boats

Open or closed bows. Fits integrated swim platforms and square transoms. Fits boats with bow rails under 6" high. Fits over low profile accessories. Bound in motor hood - O/B models only.

Poly-Cotton Fabric - Outboard.

821719	Width 102"	Length 20' 6"	**$222.95 F**
821721	Width 102"	Length 21' 6"	**$227.95 F**
821733	Width 102"	Length 23' 6"	**$261.95 F**



Competition Ski Boats

Steering consoles. Windscreens. Standard seating.

Poly-Cotton Fabric.

821606	Width 86"	Length 19' 6"	**$154.95 F**



Fish N' Ski Boats

Walk thru windshields and pedestal seats. Fits wide transom boat. Sewn in motor hood.

Poly-Cotton Fabric.

821810	Width 92"	Length 18' 6"	**$183.95 F**
821822	Width 94"	Length 20' 6"	**$187.95 F**
821834	Width 96"	Length 20' 6"	**$195.95 F**

Semi-Custom Boat Covers



Angled Transom Bass Boats
Wide transom bass boat. Small console with or without windscreens. Accommodates fold in pedestal seats. Fits bow mounted trolling motors. Bound in motor hood.

Poly-Cotton Fabric.

822482	Width 91"	Length 17' 6"	**$179.95 F**
822494	Width 91"	Length 18' 6"	**$187.95 F**
822507	Width 94"	Length 19' 6"	**$201.95 F**
822519	Width 94"	Length 20' 6"	**$209.95 F**



Aluminum Bass Boats
Wide bow. Folding Pedestals. Consoles without windscreens. Bound in motor hoods (up to 90 hp). Fits over low profile trolling motors. Crestliner, Lund, Alumacraft, Starcraft styles.

Poly-Cotton Fabric.

822558	Width 70"	Length 15' 6"	**$130.95 F**
822569	Width 72"	Length 16' 6"	**$136.95 F**
822583	Width 82"	Length 18' 6"	**$155.95 F**



Jon Boats
Constructed of 10 oz. 60/40 poly-cotton fabric, these covers are breathable, U.V. resistant and treated for mildew and stain resistance. A shock cord is sewn into the hem to insure a close fit.

Poly-Cotton Fabric.

7-8016	Width 72"	Length 16' 6"	**$89.95 F**



Tournament Style Bass Boats
Fits wide transom bass boats with pedestal seats. With or without wind screens. Room for folded up troller. Bound in motor hood.

Polyester Fabric.

7-8032	84" W x 16' 6" L	Burgundy	**$217.95 F**
7-8033	84" W x 16' 6" L	Blue	**$217.95 F**
7-8034	84" W x 16' 6" L	Black	**$217.95 F**
7-8038	90" W x 17' 6" L	Burgundy	**$221.95 F**
7-8039	90" W x 17' 6" L	Blue	**$221.95 F**
7-8040	90" W x 17' 6" L	Black	**$221.95 F**
7-8041	90" W x 17' 6" L	Green	**$221.95 F**
7-8050	96" W x 18' 6" L	Burgundy	**$229.95 F**
7-8051	96" W x 18' 6" L	Blue	**$229.95 F**
7-8052	96" W x 18' 6" L	Black	**$229.95 F**
7-8053	96" W x 18' 6" L	Green	**$229.95 F**
7-8060	96" W x 19' 6" L	Burgundy	**$235.95 F**
7-8061	96" W x 19' 6" L	Blue	**$235.95 F**
7-8062	96" W x 19' 6" L	Black	**$235.95 F**
7-8063	96" W x 19' 6" L	Green	**$235.95 F**
7-8068	96" W x 20' 6" L	Burgundy	**$243.95 F**
7-8069	96" W x 20' 6" L	Blue	**$243.95 F**
7-8070	96" W x 20' 6" L	Black	**$243.95 F**
7-8071	96" W x 20' 6" L	Green	**$243.95 F**
7-8076	96" W x 21' 6" L	Burgundy	**$283.95 F**
7-8077	96" W x 21' 6" L	Blue	**$283.95 F**
7-8078	96" W x 21' 6" L	Black	**$283.95 F**
7-8079	96" W x 21' 6" L	Green	**$283.95 F**

Poly-Cotton Fabric - Outboard.

822418	Width 80"	Length 15' 6"	**$149.95 F**
822420	Width 84"	Length 16' 6"	**$166.95 F**
822432	Width 90"	Length 17' 6"	**$168.95 F**
822444	Width 94"	Length 18' 6"	**$174.95 F**
822456	Width 94"	Length 19' 6"	**$179.95 F**
822468	Width 96"	Length 20' 6"	**$185.95 F**



Jon Boats.
Bench seats. Bound in motor hood.

Poly-Cotton Fabric.

822608	Width 60"	Length 14' 6"	**$106.95 F**
822610	Width 64"	Length 16' 6"	**$123.95 F**
822622	Width 80"	Length 18' 6"	**$143.95 F**

Semi-Custom Boat Covers



Pontoon Boats

Patterned for pontoons with rails approx. 30" high. Available in two styles: 1) Designed to fit over entire deck area with top down. Includes deck area in front of gate. 2) Playpen covers fit over fenced in area only.

Polyester Fabric.

7-8012	102" W x 18' 6" L	Playpen	Beige	**$210.95 F**
7-8013	102" W x 18' 6" L	Playpen	Blue	**$210.95 F**
7-8814	102" W x 18' 6" L	Playpen	Burgundy	**$210.95 F**
7-8815	102" W x 18' 6" L	Playpen	Green	**$210.95 F**
7-8816	102" W x 20' 6" L	Playpen	Beige	**$215.95 F**
7-8817	102" W x 20' 6" L	Playpen	Blue	**$215.95 F**
7-8818	102" W x 20' 6" L	Playpen	Burgundy	**$215.95 F**
7-8019	102" W x 20' 6" L	Playpen	Green	**$215.95 F**
822250	102" W x 20' 6" L	Playpen	Grey	**$215.95 F**
7-8820	102" W x 22' 6" L	Playpen	Beige	**$226.95 F**
7-8920	102" W x 22' 6" L	Playpen	Blue	**$226.95 F**
7-8921	102" W x 22' 6" L	Playpen	Burgundy	**$226.95 F**
7-8922	102" W x 22' 6" L	Playpen	Green	**$226.95 F**
822252	102" W x 22' 6" L	Playpen	Grey	**$226.95 F**
7-8029	102" W x 24' 6" L	Playpen	Blue	**$238.95 F**
7-8830	102" W x 24' 6" L	Playpen	Burgundy	**$238.95 F**
7-8831	102" W x 24' 6" L	Playpen	Green	**$238.95 F**
822254	102" W x 24' 6" L	Playpen	Grey	**$238.95 F**

Poly-Cotton Fabric.

822064	96" W x 18' L	Full Cover	Beige	**$251.95 F**
822076	96" W x 20' L	Full Cover	Beige	**$285.95 F**
822088	96" W x 20' L	Playpen	Blue	**$289.95 F**
822090	96" W x 22' L	Full Cover	Beige	**$322.95 F**
822127	96" W x 24' L	Full Cover	Green	**$286.95 F**
822141	96" W x 24' L	Playpen	Grey	**$312.95 F**



Boston Whaler Boats

Center console. Bow rails. Windshield. Bound in motor hood.

Poly-Cotton Fabric.

826404	13 Sport SC w/Rails	13' 4"	65" Beam	**$170.95 F**
826416	15 Sport SC w/Rails	15' 3"	68" Beam	**$172.95 F**
826454	17 Montauk CC w/Rails	16' 7"	74" Beam	**$229.95 F**



Bay Style V-Hull Center Console Boats

Accommodates V-hull shallow draft hulls. Fits high center consoles with windshields. Low or no bow rails. Bound in motor hood.

Poly-Cotton Fabric - Outboard.

822367	Length 18' 6"	102" Beam	**$224.95 F**
822379	Length 19' 6"	102" Beam	**$229.95 F**
822381	Length 20' 6"	102" Beam	**$239.95 F**
822393	Length 21' 6"	102" Beam	**$249.95 F**
822406	Length 22' 6"	102" Beam	**$258.95 F**
822407	Length 24'	102" Beam	**$345.95 F**



Bay Style Center Console Boats

Fits bay style fishing boats. Lower consoles with shorter windscreens. Fits over low profile trolling motors. Bound in motor hood.

Poly-Cotton Fabric - Outboard.

822266	Width 90"	Length 17' 6"	**$174.95 F**
822278	Width 94"	Length 18' 6"	**$181.95 F**
822280	Width 96"	Length 19' 6"	**$199.95 F**
822292	Width 96"	Length 20' 6"	**$210.95 F**
822305	Width 96"	Length 21' 6"	**$218.95 F**
822317	Width 96"	Length 23'	**$274.95 F**



Offshore Fishing Boats

High bow rails. Large open cockpits. High center consoles. Bound in motor hood.

Poly-Cotton Fabric - Outboard.

822204	Width 92"	Length 17' 6"	**$176.95 F**
822216	Width 96"	Length 18' 6"	**$190.95 F**
822228	Width 96"	Length 19' 6"	**$206.95 F**
822230	Width 102"	Length 20' 6"	**$222.95 F**
822242	Width 102"	Length 21' 6"	**$233.95 F**

Tough Guy V-Skin Polyester Universal Boat Covers

Polyester fabric is treated to be mildew resistant, water repellent and stain resistant. Stronger than Poly-Cotton at 1/3 the weight. Able to withstand the rigors of the road. 3.2 oz/sqyd pigment dyed acrylic coated polyester. Heavy duty sewn-in tie-down loops. 2 year limited warranty.

V-Hull Fishing Boats and V-Hull Narrow Bass Boats.
7-8001 Length 14′ - 16′ Max. Beam Width: 75″ **$58.95 E**

V-Hull Runabouts I/O or O/B and Tri-Hull Bass Boats.
7-8002 Length 14′ - 16′ Max. Beam Width: 90″ **$69.95 E**

Fish n′ Ski Boats I/O or O/B and Wide Bass Boats.
7-8003 Length 16′ - 19′ Max. Beam Width: 96″ **$75.95 E**

Tri-Hull and V-Hull Boats I/O or O/B.
7-8004 Length 17′ - 19′ Max. Beam Width: 102″ **$75.95 E**

V-Hull Boats I/O or O/B.
7-8005 Length 20′ - 21′ Max. Beam Width: 102″ **$87.95 E**

Cuddy Cabin Boats I/O or O/B.
7-8006 Length 21′ - 23′ Max. Beam Width: 102″ **$93.95 E**

Aluminum Bass Boats O/B.
7-8301 Length 15′ 5″ - 16′ 4″ Max. Beam Width: 74″ **$78.95 E**
7-8302 Length 16′ 5″ - 17′ 4″ Max. Beam Width: 76″ **$81.95 E**
7-8304 Length 17′ 5″ - 18′ 4″ Max. Beam Width: 82″ **$87.95 E**
7-8305 Length 17′ - 18′ Max. Beam Width: 95″ **$91.95 E**

Tournament Style Bass Boats O/B.
7-8009 Length 15′ 5″ - 16′ 4″ Max. Beam Width: 84″ **$69.95 E**

Competition Ski Boats I/O or O/B.
7-8007 Length 18′ 5″ - 19′ 4″ Max. Beam Width: 92″ **$89.95 E**
7-8008 Length 21′ 5″ - 22′ 4″ Max. Beam Width: 102″ **$102.95 E**

Center Console Boats I/O or O/B.
7-8010 Length 19′ - 21′ Max. Beam Width: 102″ **$115.95 E**



Tough Guy Outboard T-Top Covers - Center Console

Tough Guy Outboard T-Top Covers - Center Console

The three main features of these covers are:

1. Bow and stern sections are separated into two halves. The sections are joined through the use of a 7mm single pull molded nylon zipper on both the port and starboard sides. The stitching of the zippers into the cover halves feature beginning each zipper at the top of the console tube and ending at the hem (finished outside edge).
2. The console tube or center portion of the cover fits over the console and under the T-top. Cover design has a console tube section with two adjustable straps which lift and secure the cover halves up and over the console body and up under the T-top. The top edge of console tube incorporates an adjustable draw rope in both front and rear sections. The draw ropes tighten the tube from side to side around the T-top verticals and also are used to secure the tube to the upper horizontal supports of the T-top. Not a perfect rectangle as it comes up off the cover halves. Rather it is more trapezoidal in shape and wider at the base than at the top. This feature allows these covers to fit and function properly even though there are variations in size and position of the T-tops within the confines of the hull and deck.
3. Tie down system in the hem or perimeter of the covers. To relieve stress on the zippered ends during over the road trailering we have added a webbing strap and quick release buckle to the cover at both sides just above the zipper to facilitate the installation of the cover by a single person. The rope that spans the perimeter of the cover is made into two sections; the first goes from one side at the zipper opening, around the bow to the same point on the opposite side. The second goes around the stern of the boat in a similar fashion.





7-8930 Length 20′ 5″ **$371.95 F**
7-8932 Length 21′ 5″ **$395.95 F**
7-8934 Length 22′ 5″ **$414.95 F**
7-8936 Length 23′ 5″ **$436.95 F**
7-8938 Length 24′ 5″ **$448.95 F**

Motor Covers



Tough Guy Motor Covers

7 oz. Haze Grey polyester marine fabric. Strong, durable lightweight. Water repellent. Breathable.

7-8025 Fits V4 Engines - 24" L x 16" H x 22" W at Widest Point **$11.95 F**
7-8026 Fits V6 Engines **$14.95 F**



Wise Camouflage Motor Cover

Camouflage upholstery color: Advantage.

266507 (WD697-728) Fits 45 - 85 HP **$43.95 E**



Attwood Custom-Fit Mercury Motor Covers

New custom-fit covers for Mercury engines. The official Mercury logo is displayed in brilliant white against a sleek black background. These covers protect and fit far better than typical universal hoods. Constructed of 2-Ply Laminated Polyester. Acrylic coating keeps the cover waterproof and UV- resistant. The inside lining is a soft, non-woven polyester backing that provides a cushioned barrier around the engine cowling. A 1" poly-web strap in the bottom hem cinches the cover tight. Includes quick-release buckle for fast tightening and removal. 5 year warranty.

Optimax 3.0L 200 HP, 225 HP, 250 HP, 2-Stroke 3.0L EFI 200 HP, 225 HP and 250 HP.

242318 (105638) **$198.95 H**

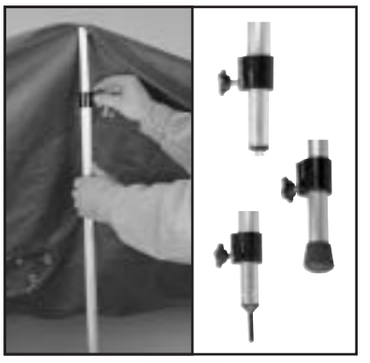
Verado 200 HP, 225 HP, 250 HP and 275 HP.

242329 (105639) **$225.95 H**

Boat Cover Support Poles



820729



820730

Super Support Pole - Aluminum

Super Support Pole comes with male canvas snap, a grommet tip, and a plain end cap - 3 poles in one! Adjustable pole comes with non-marring tips on both ends. Durable plastic adjuster for height control. 36" - 64".

820729 (11992) **$27.95 F**

Standard Adjustable Pole - Aluminum

Prevent water from pooling on top. Non-marring tip on each end of a telescoping aluminum tube. Durable plastic know allows for easy adjustment of the height. 36" - 64".

820730 (11991) **$23.95 F**



Taco Telescoping Aluminum Universal Tent Cover Poles

Keeps boat covers taut to preventing sagging and water pooling. Features snap-end and tent pole end and non-marking white crutch end.

751237 (T137570VEL-25) 30" - 57.5" **$19.95 E**
751238 (T157570VEL-25) 30" - 57.5" with Vent **$32.95 E**

Perko

Fig. 578 Boat Cover Sockets

Chrome plated zinc. Will accommodate 3/8" wood or plastic battens up to 1-3/4" wide. Overall length 3-1/4". Overall width 5/8". Opening 1-7/8" x 7/16". Uses #6 fasteners. Sold per pair per skin packed card.

541056 (578 DP CHR) **$9.95 H**



BOAT COVERS, BIMINI TOPS

Boat Cover Tie Down Kit



Boat Cover Tie Down Kit

A quick and convenient way of securing the boat cover to the trailer. It fits with any boat cover. Constructed of 1" heavy duty webbing. The straps are 8' and the buckles features quick-release.

820705 (61000) Black **$40.95 F**

Center Console Covers

TOUGH guy



Tough Guy Center Console Covers

7 oz. polyester. Strong durable lightweight. Water repellent. Breathable. Draw rope sewn into hem.

7-8020	Small	25" D x 33" W x 40" H	**$32.95 F**
7-8021	Medium	30" D x 40" W x 45" H	**$37.95 F**
7-8022	Large	40" D x 48" W x 45" H	**$41.95 F**

Boat Cover Cleaners

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS



Star Brite Sail and Canvas Cleaner

Biodegradable. Cleans and brightens whites and colors. Concentrated formula. Safe and easy to use. Removes dirt, grease and mildew stains. Great for boat covers, bimini tops and sails. Does not weaken fabric or thread. Equally good for nylon or dacron sails. Sold each. Standard pack 12.

626525 (82016) 16 fl. oz. **$6.95 F**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS



Star Brite White Teflon Snap and Zipper Lubricant

Use on boat snaps, metal and plastic zippers to protect against corrosion, reduce wear and friction, prevent binding and repel salt spray deposits. Non-toxic, non-staining. Will not wash off. Protects from -65° F to +650° F. Sold each. Standard pack 12.

627173 (89102) 2 oz. Tube **$6.95 F**

marPRO

NEW ITEM



Marpro Canvas Protector

Excellent oil and water repellency. Excellent resistance to oil and watery stains. Provides maximum UV protection.

6-4080 10 fl. oz. **$5.99 H**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

NEW Size



Star Brite Waterproofing

Top rated waterproofing. Helps prevent rot and mildew. For boat covers, bimini tops, sail covers, clothing and tents. Does not change color or feel of fabric. Safe for all fabrics including Sunbrella. Sold each.

626513 (81922)	22 fl. oz.	Case of 12	**$14.95 F**
626518 (81900N)	Gallon	Case of 4	**$35.95 F**



Fabric Guard

Powerful enough to protect fabrics in the harshest environment ...outdoors. Yet it is safe for the finest fabrics, wool, silk, and fine leathers - including suede. Restores lost water repellency and stain repellency to factory new levels. It resists soiling, impedes mildew formation and helps protect against the sun's harmful UV rays. Sold each.

437447 (30616) 16 fl. oz. **$16.95 G**

BOAT COVERS, BIMINI TOPS

Marpac Sunbrella Bimini Tops

- Traditional marine-grade acrylic fabric from Sunbrella, the #1 marine fabric in the world
- Full frame construction for easy mounting to boat
- Frames are made from bright dip anodized aluminum
- Fittings made from non-corrosive, high-density black nylon
- Boot included
- Made in USA

NEW ITEM





Marpac Sunbrella Bimini Tops

5-3200	Width 54" - 63"	Black	**$362.95 F**
5-3220	Width 54" - 63"	Burgundy	**$362.95 F**
5-3230	Width 54" - 63"	Grey	**$362.95 F**
5-3240	Width 54" - 63"	Green	**$362.95 F**
5-3250	Width 54" - 63"	Navy	**$346.95 F**
5-3260	Width 54" - 63"	Red	**$362.95 F**
5-3270	Width 54" - 63"	Sand	**$362.95 F**
5-3280	Width 54" - 63"	Teal	**$362.95 F**
5-3290	Width 54" - 69"	Black	**$366.95 F**
5-3300	Width 54" - 69"	Burgundy	**$366.95 F**
5-3310	Width 54" - 69"	Grey	**$366.95 F**
5-3320	Width 54" - 69"	Green	**$366.95 F**
5-3330	Width 54" - 69"	Navy	**$349.95 F**
5-3340	Width 54" - 69"	Red	**$366.95 F**
5-3350	Width 54" - 69"	Sand	**$366.95 F**
5-3360	Width 54" - 69"	Teal	**$366.95 F**
5-3370	Width 54" - 75"	Black	**$369.95 F**
5-3400	Width 54" - 75"	Burgundy	**$369.95 F**
5-3410	Width 54" - 75"	Grey	**$369.95 F**
5-3420	Width 54" - 75"	Green	**$369.95 F**
5-3430	Width 54" - 75"	Navy	**$352.95 F**
5-3440	Width 54" - 75"	Red	**$369.95 F**
5-3450	Width 54" - 75"	Sand	**$369.95 F**
5-3460	Width 54" - 75"	Teal	**$369.95 F**
5-3470	Width 54" - 81"	Black	**$391.95 F**
5-3490	Width 54" - 81"	Burgundy	**$391.95 F**
5-3500	Width 54" - 81"	Grey	**$391.95 F**
5-3510	Width 54" - 81"	Green	**$391.95 F**
5-3520	Width 54" - 81"	Navy	**$374.95 F**
5-3530	Width 54" - 81"	Red	**$391.95 F**
5-3540	Width 54" - 81"	Sand	**$391.95 F**
5-3550	Width 54" - 81"	Teal	**$391.95 F**
5-3560	Width 54" - 87"	Black	**$415.95 F**
5-3580	Width 54" - 87"	Burgundy	**$415.95 F**
5-3590	Width 54" - 87"	Grey	**$415.95 F**
5-3600	Width 54" - 87"	Green	**$415.95 F**
5-3610	Width 54" - 87"	Navy	**$396.95 F**
5-3620	Width 54" - 87"	Red	**$415.95 F**
5-3630	Width 54" - 87"	Sand	**$415.95 F**
5-3640	Width 54" - 87"	Teal	**$415.95 F**
5-3650	Width 54" - 93"	Black	**$420.95 F**
5-3670	Width 54" - 93"	Burgundy	**$420.95 F**
5-3680	Width 54" - 93"	Grey	**$420.95 F**
5-3690	Width 54" - 93"	Green	**$420.95 F**
5-3700	Width 54" - 93"	Navy	**$401.95 F**
5-3710	Width 54" - 93"	Red	**$420.95 F**
5-3720	Width 54" - 93"	Sand	**$420.95 F**
5-3730	Width 54" - 93"	Teal	**$420.95 F**
5-3740	Width 54" - 99"	Black	**$460.95 F**
5-3760	Width 54" - 99"	Burgundy	**$460.95 F**
5-3770	Width 54" - 99"	Grey	**$460.95 F**
5-3780	Width 54" - 99"	Green	**$460.95 F**
5-3790	Width 54" - 99"	Navy	**$439.95 F**
5-3800	Width 54" - 99"	Red	**$460.95 F**
5-3810	Width 54" - 99"	Teal	**$460.95 F**

BOAT COVERS, BIMINI TOPS

Tough Guy Ultima Full Frame Bimini Tops

- Non-corrosive, high density black nylon fittings
- Double-wall tubing in main bow (on larger models)
- Sewn in Bow Sleeve helps eliminate "parachuting" effect
- Fabric top: 7 oz. Urethane Coated Polyester or 14 oz. Marine Vinyl
- Adjustable polypropylene tie down straps with heavy duty snaps and metal adjusters
- Heavy duty thick wall 7/8" bright anodized aluminum tubing
- Bow Straps for extra support
- Both horizontal and vertical hardware included
- Diecast and plated strap eyes

3 Bow - 54" Height - 6' Length - Ultima.

5-2200	Width 60" - 66"	Jet Black	**$314.95 F**
5-2220	Width 60" - 66"	Cranberry	**$314.95 F**
5-2240	Width 60" - 66"	Hunter Green	**$314.95 F**
5-2230	Width 60" - 66"	Grey	**$314.95 F**
5-2250	Width 60" - 66"	Navy	**$314.95 F**
5-2210	Width 60" - 66"	Blue	**$314.95 F**
5-2020	Width 60" - 66"	White	**$314.95 F**
5-2270	Width 60" - 66"	Sand	**$314.95 F**
5-2290	Width 67" - 72"	Jet Black	**$317.95 F**
5-2300	Width 67" - 72"	Cranberry	**$317.95 F**
5-2320	Width 67" - 72"	Hunter Green	**$317.95 F**
5-2310	Width 67" - 72"	Grey	**$317.95 F**
5-2330	Width 67" - 72"	Navy	**$317.95 F**
5-2380	Width 67" - 72"	Blue	**$317.95 F**
5-2340	Width 67" - 72"	Red	**$317.95 F**
5-2360	Width 67" - 72"	Teal	**$317.95 F**
5-2040	Width 67" - 72"	White	**$317.95 F**
5-2350	Width 67" - 72"	Sand	**$317.95 F**
5-2370	Width 73" - 78"	Jet Black	**$321.95 F**
5-2400	Width 73" - 78"	Cranberry	**$321.95 F**
5-2420	Width 73" - 78"	Hunter Green	**$321.95 F**
5-2410	Width 73" - 78"	Grey	**$321.95 F**
5-2430	Width 73" - 78"	Navy	**$321.95 F**
5-2390	Width 73" - 78"	Blue	**$321.95 F**
5-2440	Width 73" - 78"	Red	**$321.95 F**
5-2460	Width 73" - 78"	Teal	**$321.95 F**
5-2060	Width 73" - 78"	White	**$321.95 F**
5-2450	Width 73" - 78"	Sand	**$321.95 F**
5-2470	Width 79" - 84"	Jet Black	**$342.95 F**
5-2490	Width 79" - 84"	Cranberry	**$342.95 F**
5-2510	Width 79" - 84"	Hunter Green	**$342.95 F**
5-2500	Width 79" - 84"	Grey	**$342.95 F**
5-2520	Width 79" - 84"	Navy	**$342.95 F**
5-2480	Width 79" - 84"	Blue	**$342.95 F**
5-2530	Width 79" - 84"	Red	**$342.95 F**
5-2550	Width 79" - 84"	Teal	**$342.95 F**
5-2080	Width 79" - 84"	White	**$342.95 F**
5-2540	Width 79" - 84"	Sand	**$342.95 F**
5-2560	Width 85" - 90"	Jet Black	**$365.95 F**
5-2580	Width 85" - 90"	Cranberry	**$365.95 F**
5-2600	Width 85" - 90"	Hunter Green	**$365.95 F**
5-2590	Width 85" - 90"	Grey	**$365.95 F**
5-2610	Width 85" - 90"	Navy	**$365.95 F**
5-2570	Width 85" - 90"	Blue	**$365.95 F**
5-2620	Width 85" - 90"	Red	**$365.95 F**
5-2640	Width 85" - 90"	Teal	**$365.95 F**
5-2100	Width 85" - 90"	White	**$365.95 F**
5-2630	Width 85" - 90"	Sand	**$365.95 F**

3 Bow - 54" Height - 6' Length - Ultima.

5-2650	Width 91" - 96"	Jet Black	**$369.95 F**
5-2670	Width 91" - 96"	Cranberry	**$369.95 F**
5-2690	Width 91" - 96"	Hunter Green	**$369.95 F**
5-2680	Width 91" - 96"	Grey	**$369.95 F**
5-2700	Width 91" - 96"	Navy	**$369.95 F**
5-2660	Width 91" - 96"	Blue	**$369.95 F**
5-2710	Width 91" - 96"	Red	**$369.95 F**
5-2730	Width 91" - 96"	Teal	**$369.95 F**
5-2120	Width 91" - 96"	White	**$369.95 F**
5-2720	Width 91" - 96"	Sand	**$369.95 F**
5-2740	Width 97" - 103"	Jet Black	**$407.95 F**
5-2760	Width 97" - 103"	Cranberry	**$348.95 F**
5-2780	Width 97" - 103"	Hunter Green	**$348.95 F**
5-2790	Width 97" - 103"	Navy	**$407.95 F**
5-2750	Width 97" - 103"	Blue	**$407.95 F**
5-2800	Width 97" - 103"	Red	**$348.95 F**
5-2810	Width 97" - 103"	Teal	**$348.95 F**

3 Bow - 54" Height - 6' Length - White Vinyl.

5-2010	Width 54" - 60"	White Vinyl	**$244.95 F**
5-2030	Width 61" - 66"	White Vinyl	**$266.95 F**
5-2050	Width 67" - 72"	White Vinyl	**$268.95 F**
5-2070	Width 73" - 78"	White Vinyl	**$276.95 F**
5-2090	Width 79" - 84"	White Vinyl	**$285.95 F**
5-2110	Width 85" - 90"	White Vinyl	**$304.95 F**
5-2130	Width 91" - 96"	White Vinyl	**$307.95 F**
5-2140	Width 97" - 103"	White Vinyl	**$333.95 F**

3 Bow - 60" Height - 6' Length - White Vinyl.

5-2150	Width 73" - 78"	White Vinyl	**$288.95 F**
5-2160	Width 79" - 84"	White Vinyl	**$293.95 F**
5-2170	Width 85" - 90"	White Vinyl	**$312.95 F**



Tough Guy Hot Shot Full Frame Bimini Tops

- Constructed of 6.25 oz. coated polyester
- Non-corrosive, high density black nylon fittings
- Double-wall tubing in main bow (on larger models)
- Sewn in bow sleeve helps eliminate "parachuting" effect
- Completely synthetic, so mildew can not attack it
- Adjustable polypropylene tie down straps with heavy duty snaps and metal adjusters
- Diecast and plated strap eyes
- Heavy duty thick wall 7/8" bright anodized aluminum tubing
- Bow straps for extra support
- Both horizontal and vertical hardware included
- UV inhibitors added
- Boot sold separately



Tough Guy Hot Shot Full Frame Bimini Tops

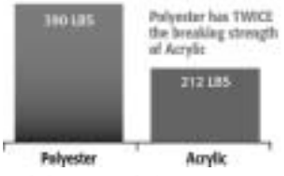
7-8170	Width 73" - 78"	Blue	**$242.95 F**
7-8171	Width 73" - 78"	Grey	**$242.95 F**
7-8172	Width 73" - 78"	Navy	**$242.95 F**
7-8173	Width 73" - 78"	White	**$242.95 F**
7-8177	Width 79" - 84"	Blue	**$260.95 F**
7-8178	Width 79" - 84"	Grey	**$260.95 F**
7-8179	Width 79" - 84"	Navy	**$260.95 F**
7-8180	Width 79" - 84"	White	**$260.95 F**
7-8185	Width 85" - 90"	Blue	**$279.95 F**
7-8186	Width 85" - 90"	Grey	**$279.95 F**
7-8187	Width 85" - 90"	Navy	**$279.95 F**
7-8188	Width 85" - 90"	White	**$279.95 F**

TOUGH guy

Special Handling May Apply

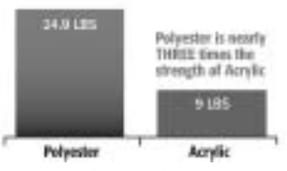
Why choose Polyester over acrylic fabric:

Fabric Strength



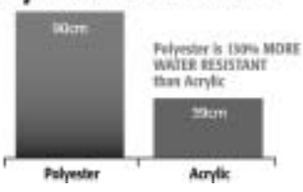
Fabric Strength is a measurement of the breaking strength of the fabric.

Tear Resistance



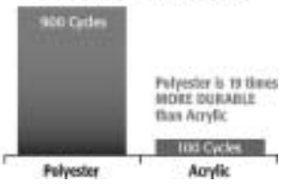
Tear Resistance is a measurement of the force required to continue a tear previously started.

Hydrostatic Pressure



Hrydrostatic Pressure is a measure of a fabric's resistance to the penetration of water under pressure.

Taber Abrasion



Taber Abrasion is the wearing away of any part of a material by rubbing against another surface.

BOAT COVERS, BIMINI TOPS

Tough Guy Hot Shot Knockdown Bimini Tops

- The same great features as our full frame biminis, but these knock down units are sold with the frame and fabric top seperately or available as a kit.
- Storage boots not included.

TOUGH guy

UPS Shippable



Top and Frame Kits - 3 Bow - 42" Height - 6' Length.

7-7960	Width 67"-72"	Black	**$212.95 F**
7-7963	Width 67"-72"	Blue	**$212.95 F**
7-7966	Width 67"-72"	Burgundy	**$212.95 F**
7-7969	Width 67"-72"	Green	**$212.95 F**
7-7972	Width 73"-78"	Black	**$219.95 F**
7-7975	Width 73"-78"	Blue	**$219.95 F**
7-7978	Width 73"-78"	Burgundy	**$219.95 F**
7-7980	Width 73"-78"	Green	**$219.95 F**

Frame Only - 3 Bow - 42" Height.

7-8081	Width 67"-72"		**$232.95 F**
7-8083	Width 73"-78"		**$172.95 F**

Top Fabric Only - 3 Bow - 42" Height.

7-8131	Width 67"-72"	Black	**$81.95 F**
7-8133	Width 67"-72"	Blue	**$81.95 F**
7-8135	Width 67"-72"	Burgundy	**$81.95 F**
7-8137	Width 67"-72"	Green	**$81.95 F**
7-8140	Width 73"-78"	Black	**$87.95 F**
7-8142	Width 73"-78"	Blue	**$87.95 F**
7-8144	Width 73"-78"	Burgundy	**$87.95 F**
7-8146	Width 73"-78"	Green	**$87.95 F**

Top and Frame Kits - 3 Bow - 54" Height - 6' Length.

7-7900	Width 67"-72"	Black	**$220.95 F**
7-7903	Width 67"-72"	Blue	**$220.95 F**
7-7905	Width 67"-72"	Burgundy	**$220.95 F**
7-7908	Width 67"-72"	Green	**$220.95 F**
7-7911	Width 73"-78"	Black	**$228.95 F**
7-7914	Width 73"-78"	Blue	**$228.95 F**
7-7917	Width 73"-78"	Burgundy	**$228.95 F**
7-7920	Width 73"-78"	Green	**$228.95 F**
7-7923	Width 79"-84"	Black	**$238.95 F**
7-7926	Width 79"-84"	Blue	**$238.95 F**

Frame Only - 3 Bow - 54" Height.

7-8080	Width 67"-72"		**$181.95 F**
7-8082	Width 73"-78"		**$183.95 F**
7-8084	Width 79"-84"		**$193.95 F**

Top Fabric Only - 3 Bow - 42" Height.

7-8090	Width 67"-72"	Black	**$81.95 F**
7-8092	Width 67"-72"	Blue	**$81.95 F**
7-8094	Width 67"-72"	Burgundy	**$81.95 F**
7-8096	Width 67"-72"	Green	**$81.95 F**
7-8098	Width 73"-78"	Black	**$87.95 F**
7-8100	Width 73"-78"	Blue	**$87.95 F**
7-8102	Width 73"-78"	Burgundy	**$87.95 F**
7-8104	Width 73"-78"	Green	**$87.95 F**
7-8106	Width 79"-84"	Black	**$89.95 F**
7-8108	Width 79"-84"	Blue	**$89.95 F**

Top and Frame Kits - 3 Bow - 42" Height - 6' Length.

7-7981	Width 79"-84"	Black	**$232.95 F**
7-7982	Width 79"-84"	Blue	**$232.95 F**
7-7983	Width 79"-84"	Burgundy	**$232.95 F**
7-7984	Width 79"-84"	Green	**$232.95 F**
7-7985	Width 85"-90"	Black	**$247.95 F**
7-7986	Width 85"-90"	Blue	**$247.95 F**
7-7987	Width 85"-90"	Burgundy	**$247.95 F**
7-7988	Width 85"-90"	Green	**$247.95 F**

Frame Only - 3 Bow - 42" Height.

7-8085	Width 79"-84"		**$186.95 F**
7-8087	Width 85"-90"		**$197.95 F**

Top Fabric Only - 3 Bow - 42" Height.

7-8148	Width 79"-84"	Black	**$89.95 F**
7-8150	Width 79"-84"	Blue	**$89.95 F**
7-8152	Width 79"-84"	Burgundy	**$89.95 F**
7-8154	Width 79"-84"	Green	**$89.95 F**
7-8156	Width 85"- 90"	Black	**$96.95 F**
7-8158	Width 85"- 90"	Blue	**$96.95 F**
7-8160	Width 85"- 90"	Burgundy	**$96.95 F**
7-8162	Width 85"- 90"	Green	**$91.95 F**

Top and Frame Kits - 3 Bow - 54" Height - 6' Length.

7-7929	Width 79"-84"	Burgundy	**$238.95 F**
7-7931	Width 79"-84"	Green	**$238.95 F**
7-7934	Width 85"-90"	Black	**$252.95 F**
7-7937	Width 85"-90"	Blue	**$252.95 F**
7-7940	Width 85"-90"	Burgundy	**$252.95 F**
7-7943	Width 85"-90"	Green	**$252.95 F**
7-7946	Width 91"-96"	Black	**$268.95 F**
7-7949	Width 91"-96"	Blue	**$268.95 F**
7-7952	Width 91"-96"	Burgundy	**$268.95 F**
7-7955	Width 91"-96"	Green	**$268.95 F**

Frame Only - 3 Bow - 54" Height.

7-8086	Width 85"-90"		**$203.95 F**
7-8088	Width 91"-96"		**$214.95 F**

Top Fabric Only - 3 Bow - 42" Height.

7-8110	Width 79"-84"	Burgundy	**$89.95 F**
7-8112	Width 79"-84"	Green	**$89.95 F**
7-8114	Width 85"-90"	Black	**$96.95 F**
7-8116	Width 85"-90"	Blue	**$96.95 F**
7-8118	Width 85"-90"	Burgundy	**$96.95 F**
7-8120	Width 85"-90"	Green	**$96.95 F**
7-8122	Width 91"-96"	Black	**$104.95 F**
7-8124	Width 91"-96"	Blue	**$104.95 F**
7-8126	Width 91"-96"	Burgundy	**$104.95 F**
7-8128	Width 91"-96"	Green	**$104.95 F**

Tough Guy Bimini Tops Boots

- Keeps your bimini top neatly stored away when not in use.
- Boots feature one seperating zipper for easy on/easy off.
- Made from the same great fabric as our knockdown style bimini tops.

7-8200	Width 67"-72"	Black	**$38.95 F**	**7-8230**	Width 79"-84"	Burgundy	**$38.95 F**
7-8203	Width 67"-72"	Blue	**$38.95 F**	**7-8233**	Width 79"-84"	Green	**$38.95 F**
7-8206	Width 67"-72"	Burgundy	**$38.95 F**	**7-8236**	Width 85"-90"	Black	**$38.95 F**
7-8209	Width 67"-72"	Green	**$38.95 F**	**7-8239**	Width 85"-90"	Blue	**$38.95 F**
7-8212	Width 73"-78"	Green	**$38.95 F**	**7-8242**	Width 85"-90"	Burgundy	**$38.95 F**
7-8215	Width 73"-78"	Blue	**$38.95 F**	**7-8245**	Width 85"-90"	Green	**$38.95 F**
7-8218	Width 73"-78"	Burgundy	**$38.95 F**	**7-8248**	Width 91"-96"	Black	**$38.95 F**
7-8221	Width 73"-78"	Black	**$38.95 F**	**7-8251**	Width 91"-96"	Blue	**$38.95 F**
7-8224	Width 79"-84"	Black	**$38.95 F**	**7-8254**	Width 91"-96"	Burgundy	**$38.95 F**
7-8227	Width 79"-84"	Blue	**$38.95 F**	**7-8257**	Width 91"-96"	Green	**$38.95 F**

Pontoon Bimini Tops with Boot - 56" Height

- These tops are made from the same great solution dyed polyester fabric as our full frame biminis but come in the convenient knockdown style.
- Frames are constructed from 1" square aluminum tubing, measures 56" x 96" x 96", with all metal hardware included.
- Storage boot included.



Must Order Top & Frame

Special Handling May Apply

828129	Square Tube Frame 56" x 96" x 96" with Support Poles		**$255.95 F**
828131	Width 96" - 96"	White Vinyl	**$250.95 F**
828143	Width 96" - 96"	Blue	**$277.95 F**
828155	Width 96" - 96"	Burgundy	**$277.95 F**
828167	Width 96" - 96"	Teal	**$277.95 F**
828179	Width 96" - 96"	Hunter Green	**$277.95 F**
828181	Width 96" - 96"	Grey	**$277.95 F**
828193	Width 96" - 96"	Red	**$277.95 F**

N.A. Taylor AnchorShade®

Taylor Made Products



N.A. Taylor AnchorShade®

This unique designed 6' x 6' square umbrella can be used on almost any vessel from a small fishing boat to the large high performance boats. AnchorShade is designed to be used when anchored or at idle speed on a calm day. AnchorShade is perfect for relaxing on the water, at dockside, or just lounging on the beach. Adjustable pole locks in place up to 8'. Lightweight, mildew fade resistant UV-treated nylon top which blocks out 85% - 90% of harmful rays. Pole and frame constructed of tempered steel, which is phosphate-dipped and powder-coated to prevent rusting. Adjustable straps with non-corrosive hardware provide mounting flexibility for nearly all applications. Comes complete with its own heavy duty carrying case with shoulder strap.

723568	(22000) White	**$196.95 F**
723571	(22001) Pacific Blue	**$196.95 F**

Marpac Bimini Top Hardware





Marpac Bimini Top Upgrade Kit

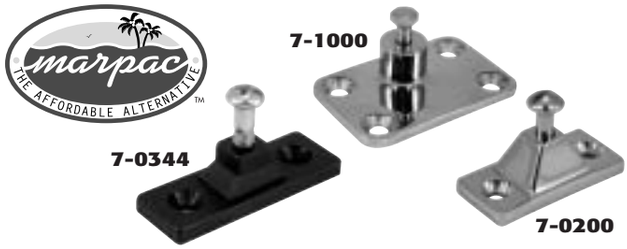
Heavy duty cast type 316 marine grade stainless steel. Kit includes: (6) 7/8" Top Caps, (4) 7/8" Top Slides and (2) Standard Deck Hinges.

7-0201 **$71.95 F 3Q**



Marpac Deck Hinges

7-0198	Angled Base	Stainless Steel	**$6.95 F 3Q**
7-0199	90° Base	Stainless Steel	**$7.95 F 3Q**
7-0999	Removable Pin	Stainless Steel	**$9.95 F 3Q**
7-0294	Large Angled	Black Nylon	**$4.95 F 3Q**
7-0302	Slide Lock	Black Nylon	**$6.95 F 3Q**
7-0303	Large Pattern	Black Nylon	**$1.95 F 3Q**
7-0347	Small Pattern	Black Nylon	**$3.95 F 3Q**



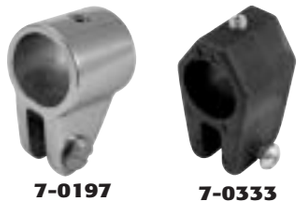
Marpac Side Mount Deck Hinges

7-0200	2 Hole	Stainless Steel	**$7.95 F 3Q**
7-1000	4 Hole	Stainless Steel	**$11.95 F 3Q**
7-0344	2 Hole	Black Nylon	**$2.95 F 3Q**



Marpac Hinge Rail Mount Jaw Slide

7-0196 Tube 7/8" **$14.95 F 3Q**



Marpac Top Slides with Set Screw

7-0197	Tube 7/8"	Stainless Steel	**$7.95 F 3Q**
7-0997	Tube 1"	Stainless Steel	**$9.95 F 3Q**
7-0335	Tube 3/4"	Black Nylon	**$3.95 F 3Q**
7-0333	Tube 7/8"	Black Nylon	**$2.95 F 3Q**



Marpac Top Caps with Set Screw

7-0194	Tube 7/8"	Stainless Steel	**$7.95 F 3Q**
7-0195	Tube 1"	Stainless Steel	**$7.95 F 3Q**
7-0331	Tube 3/4"	Black Nylon	**$2.95 F 3Q**
7-0329	Tube 7/8"	Black Nylon	**$2.95 F 3Q**



Marpac Black Nylon Inside Eye End Tubes

7-0325	3/4"	**$2.49 F 3Q**
7-0327	7/8"	**$2.95 F 3Q**

NEW ITEM



Marpac Swivel Deck Hinge - Stainless Steel

Marine grade stainless steel. Swivel allows deck hinge to be mounted on almost any angle, use with any bimini top cap fitting. Universal fit.

7-0203 **$16.95 F**

Bimini Top Hardware



Marpac Head Screws
Black nylon with 1/4 - 20 thread. Sold 2 per card.

7-0298 **$3.95 F 3Q**



Marpac Bimini Top Straps
1" x 96" nylon web. Adjustable. Fits most bimini tops. Sold per pair.

7-0029 Black **$6.95 F**
7-0030 White **$6.95 F**



Marpac Bimini Top Snap
Stainless steel. 1" snap. Sold per pair.

7-0277 **$3.95 F 3Q**



Marpac Eye Strap
Black nylon. Length 1-3/4". Sold 4 per card.

7-0342 **$1.95 F 3Q**



Marpac Eye Strap
Stainless steel. Length 1-3/4". Sold 4 per card.

7-0502 **$5.95 F 3Q**



Perko Fig. 1242 Eye Strap
Chrome plated zinc. Overall length 1-7/8". Eye ID 5/16". Uses #8 fasteners. Sold 5 per display pack. Standard pack 10.

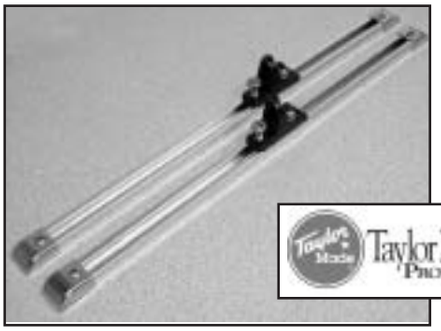
533681 (1242 DP CHR) **$8.95 H 10J**



Perko Fig. 562 Eye Strap
300 series stainless steel. Length overall 1-5/8". Eye ID 1/4". Uses #10 fasteners. Sold 5 per display card. Standard pack 10.

540864 (562 DP STS) **$12.95 H**

Bimini Top Hardware



N.A. Taylor Aluminum Slide Track Kit for Tops
Fold your top behind the rear seat. Easy installation. Fits most deck hinges. Locking deck hinge with thumb knob. Sold in pairs.

820743	(MP993018)	18" Slide Kit	**$19.95 F**
820767	(MP993030)	3' Slide Kit	**$24.95 F**
820779	(MP993045)	4' Slide Kit	**$35.95 F**
820781	(MP993060)	5' Slide Kit	**$39.95 F**



N.A. Taylor Fixed Length Bimini Top Support Pole
Safely secure your bimini top out of the way, with a pair of flixed length support poles. Sold in pairs these poles measure 40" long and 7/8" diameter aluminum pole with horizontal deck hinges and jaw slides included.

820731 (11989) **$41.95 F**

N.A. Taylor Adjustable Bimini Top Support Pole
Keep your bimini top off the gunwale with a pair of bimini support poles. Use these poles to replace your rear straps and keep your top "up and out of the way". Two jaw slides (7/8") are included. 28" to 48".

721969 (11995) **$63.95 F**



Marpac End Stop
Black nylon. Sold 2 per card.

7-0349 **$2.95 F 3Q**



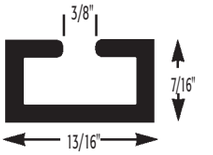
N.A. Taylor Top-Lock Snaps
Stainless steel. Sold 4 per skin packed card.

722353	(1348) Trim: 3/4"	**$6.95 F**
722365	(1344) Trim: 7/8"	**$7.95 F**



N.A. Taylor Replacement End Cap
Chrome plated zamak. For slide track assemblies. Sold per pair.

722416 (5962) **$6.95 F**



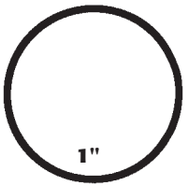
TACO Aluminum Slide Track
Bright anodized. Length 14'.

748674 (A52-0037BLY7-1) **$24.95 H**

Tubing for Boat Tops











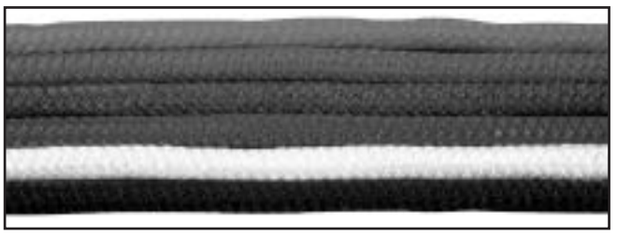
Tubing for Boat Tops
Aluminum, bright anodized finish.

741909	(A23-7858) 7/8" x 6'	.058" Wall	**$24.95 H**
741911	(A23-7858) 7/8" x 20'	.058" Wall	**$45.95 H**

Stainless steel type 304 polished and buffed.

741935	(S14-7849) 7/8" x 6'	.049" Wall	**$56.95 H**
741947	(S14-7865) 7/8" x 20'	.065" Wall	**$136.95 H**
741973	(S14-1049) 1" x 6'	.049" Wall	**$67.95 H**
741985	(S14-1065) 1" x 20'	.065" Wall	**$173.95 H**

Marpac Double Braided Fender Lines



Marpac Double Braided Fender Lines

Solid braid nylon fender lines. Use the 3/8″ lines for fenders 6″ and smaller and the 1/2″ lines for fenders 8″ and larger.

7-6420	3/8″ x 36″	Black	**$9.95 F**
7-6421	3/8″ x 36″	Blue	**$9.95 F**
7-6422	3/8″ x 36″	White	**$7.95 F**
7-6423	3/8″ x 36″	Red	**$9.95 F**
7-6424	3/8″ x 36″	Navy Blue	**$9.95 F**
7-6425	3/8″ x 36″	Burgundy	**$9.95 F**
7-6426	3/8″ x 36″	Hunter Green	**$9.95 F**
7-6430	1/2″ x 60″	Black	**$13.95 F**
7-6431	1/2″ x 60″	Blue	**$13.95 F**
7-6432	1/2″ x 60″	White	**$12.95 F**

Marpac Inflatable Vinyl Fenders



Marpac Inflatable Vinyl Fenders

Constructed of marine grade vinyl. The affordable alternative. Molded in ribs. Inflation valve.

7-0580	4″ x 16″	White	**$8.95 F**
7-0581	5″ x 18″	White	**$9.95 F**
7-0582	6″ x 22″	White	**$13.95 F**
7-0583	8″ x 26″	White	**$23.95 F**
7-0585	4″ x 16″	Blue	**$8.95 F**
7-0586	5″ x 18″	Blue	**$9.95 F**
7-0587	6″ x 22″	Blue	**$13.95 F**
7-0588	8″ x 26″	Blue	**$23.95 F**
7-0590	4″ x 16″	Black	**$8.95 F**
7-0591	5″ x 18″	Black	**$9.95 F**
7-0592	6″ x 22″	Black	**$13.95 F**
7-0593	8″ x 26″	Black	**$23.95 F**

Polyform HTM Series Fenders

NEW Sizes



Polyform HTM Series Fenders

Designed to provide maximum protection in a wide variety of applications. Vertical ribs for extra protection, reinforced tube ends to prevent lines from being pulled through if the fender gets caught in a tight spot, and extra wall thickness to resist punctures and tears are just a few of the features this high quality fender has to offer. Even wall thickness for maximum strength. Reinforced tube ends.

720107	(HTM-1)	6″ x 15″	White	**$30.95 F**
720108	(HTM-1)	6″ x 15″	Black	**$27.95 F**
720117	(HTM-2)	8″ x 20″	Black	**$44.95 F**
720119	(HTM-2)	8″ x 20″	White	**$44.95 F**
720169	(HTM-2)	8″ x 20″	Blue	**$44.95 F**
720121	(HTM-3)	10″ x 26″	White	**$71.95 F**
720125	(HTM-3)	10″ x 26″	Blue	**$71.95 F**
720133	(HTM-4)	12″ x 34″	White	**$110.95 F**
720232	(HTM-4)	12″ x 34″	Blue	**$110.95 F**
720234	(HTM-4)	12″ x 34″	Black	**$99.95 F**

N.A. Taylor Inflatable Vinyl Fenders

Taylor Made Products.

The Guarantee of a Lifetime!
Against Splitting or Bursting . . . If it fails we'll replace it!



N.A. Taylor SuperGard™ Inflatable Vinyl Fenders

SuperGard™ fenders are in a class of their own. Made from the highest quality marine grade vinyl, SuperGards feature a high gloss finish and double molded black ends for extra strength where you need it the most. Seamless one-piece construction with ribbed sides minimizes roll, and a molded-in valve ensures easy inflation and long life.

719522	(950520)	5-1/2″ x 20″	Boats 15′ to 20′	White	**$18.95 F**
719534	(950622)	6-1/2″ x 22″	Boats 20′ to 25′	White	**$31.95 F**
719546	(950824)	8-1/2″ x 26″	Boats 25′ to 35′	White	**$53.95 F**
719558	(950128)	10-1/2″ x 30″	Boats 35′ to 50′	White	**$75.95 F**
719572	(951520)	5-1/2″ x 20″	Boats 15′ to 20′	Blue	**$18.95 F**
719584	(951622)	6-1/2″ x 22″	Boats 20′ to 25′	Blue	**$31.95 F**
719609	(951824)	8-1/2″ x 26″	Boats 25′ to 35′	Blue	**$53.95 F**
719611	(951128)	10-1/2″ x 30″	Boats 35′ to 50′	Blue	**$75.95 F**
719612	(953520)	5-1/2″ x 20″	Boats 15′ to 20′	Cranberry	**$18.95 F**
719613	(953622)	6-1/2″ x 22″	Boats 20′ to 25′	Cranberry	**$31.95 F**
719615	(954520)	5-1/2″ x 20″	Boats 15′ to 20′	Hunter Green	**$18.95 F**
719617	(954622)	6-1/2″ x 22″	Boats 20′ to 25′	Hunter Green	**$31.95 F**
719634	(960520)	5-1/2″ x 20″	Boats 15′ to 20′	Sand	**$18.95 F**
719635	(960622)	6-1/2″ x 22″	Boats 20′ to 25′	Sand	**$31.95 F**
719630	(957520)	5-1/2″ x 20″	Boats 15′ to 20″	Navy	**$18.95 F**
719633	(957622)	6-1/2″ x 22″	Boats 20′ to 25′	Navy	**$31.95 F**
719640	(957824)	8-1/2″ x 26″	Boats 25′ to 35′	Navy	**$53.95 F**
719642	(957128)	10-1/2″ x 30″	Boats 35′ to 50′	Navy	**$75.95 F**

Taylor Made Products.

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N.A. Taylor Big B™ Inflatable CRT™ Vinyl Fenders

The versatile Big B fender incorporates a Center Rope Tube that allows end-to-end line passage. It can be hung vertically or horizontally with a single line. Horizontal hanging is useful protection against pilings, awkward docking situations, and tidal change areas. Big B inflatable vinyl fenders feature seamless construction, with molded ribs to minimize roll. Big B's are made from the highest quality marine grade vinyl with a high gloss finish.

720400	(1025)	6″ x 15″	Boat 20′ to 25′	White	**$30.95 F**
720412	(1026)	8″ x 20″	Boat 25′ to 35′	White	**$45.95 F**
720424	(1032)	10″ x 26″	Boat 35′ to 50′	White	**$74.95 F**
720425	(1034)	12″ x 34″	Boat 50′ to 60′	White	**$107.95 F**
720441	(41026)	8″ x 20″	Boat 25′ to 35′	Blue	**$44.95 F**
720442	(41032)	10″ x 26″	Boat 35′ to 50′	Blue	**$74.95 F**
720444	(71025)	6″ x 15″	Boat 20′ to 25′	Black	**$30.95 F**
720445	(71026)	8″ x 20″	Boat 25′ to 35′	Black	**$45.95 F**
720447	(71032)	10″ x 26″	Boat 35′ to 50′	Black	**$74.95 F**
720448	(71034)	12″ x 34″	Boat 50′ to 60′	Black	**$107.95 F**
720395	(571026)	8″ x 20″	Boat 25′ to 35′	Navy	**$45.95 F**
720396	(571032)	10″ x 26″	Boat 35′ to 50′	Navy	**$74.95 F**

N.A. Taylor Hull Gard® Inflatable Vinyl Fenders



Taylor Made Products.

The Guarantee of a Lifetime!
Against Splitting or Bursting . . . If it fails we'll replace it!

N.A. Taylor Hull Gard® Inflatable Vinyl Fenders

Hull Gards feature a unique oval design that prevents the fender from rolling out of position. The Hull Gard combines unsurpassed softness and superior strength to provide boaters with the maximum protection available from a utility fender. Inflation valves adjust the level of firmness to satisfy all applications.

719413	(31722)	5-1/2″ x 20″	Boat 15′ to 25′	Black	**$13.95 F**
719414	(31723)	6-1/2″ x 23″	Boat 20′ to 30′	Black	**$23.95 F**
719415	(71028)	8-1/2″ x 27″	Boat 25′ to 40′	Black	**$41.95 F**
719416	(71024)	10-1/2″ x 30″	Boat over 35′	Black	**$59.95 F**
719343	(1020)	3-1/2″ x 13″	Boat up to 15′	White	**$9.95 F**
719344	(1021)	4-1/2″ x 16″	Boat 10′ to 20′	White	**$11.95 F**
719356	(1022)	5-1/2″ x 20″	Boat 15′ to 25′	White	**$13.95 F**
719368	(1023)	6-1/2″ x 23″	Boat 20′ to 30′	White	**$23.95 F**
719370	(1028)	8-1/2″ x 27″	Boat 25′ to 40′	White	**$41.95 F**
719371	(1024)	10-1/2″ x 30″	Boat over 35′	White	**$59.95 F**
719382	(41021)	4-1/2″ x 16″	Boat 10′ to 20′	Blue	**$11.95 F**
719386	(41022)	5-1/2″ x 20″	Boat 15′ to 25′	Blue	**$13.95 F**
719390	(41023)	6-1/2″ x 23″	Boat 20′ to 30′	Blue	**$23.95 F**
719396	(41028)	8-1/2″ x 27″	Boat 25′ to 40′	Blue	**$41.95 F**
719398	(41024)	10-1/2″ x 30″	Boat over 35′	Blue	**$59.95 F**
719400	(531022)	5-1/2″ x 20″	Boat 15′ to 25′	Cranberry	**$13.95 F**
719401	(531023)	6-1/2″ x 23″	Boat 20′ to 30′	Cranberry	**$23.95 F**
719402	(531028)	8-1/2″ x 27″	Boat 25′ to 35′	Cranberry	**$37.95 F**
719404	(541022)	5-1/2″ x 20″	Boat 15′ to 25′	Hunter Green	**$13.95 F**
719405	(541023)	6-1/2″ x 23″	Boat 20′ to 30′	Hunter Green	**$23.95 F**
719406	(541028)	8-1/2″ x 27″	Boat 25′ to 40′	Hunter Green	**$41.95 F**
719409	(571022)	5-1/2″ x 20″	Boat 15′ to 25′	Navy Blue	**$13.95 F**
719410	(571023)	6-1/2″ x 23″	Boat 20′ to 30′	Navy Blue	**$23.95 F**
719411	(571028)	8-1/2″ x 27″	Boat 25′ to 40′	Navy Blue	**$41.95 F**
719412	(571024)	10-1/2″ x 30″	Boat over 35′	Navy Blue	**$59.95 F**

Polyform G Series Vinyl Fenders



Polyform G Series Vinyl Fenders

Include ribs for extra strength, inflation valves for larger sizes and reinforced ropehold area for long term durability.

719851	(G-3)	5.5" x 20"	Black	**$13.95 F**
719863	(G-4)	6.5" x 23"	Black	**$23.95 F**
719875	(G-5)	8.5" x 27"	Black	**$39.95 F**
719902	(G-3)	5.5" x 20"	Blue	**$13.95 F**
719914	(G-4)	6.5" x 23"	Blue	**$23.95 F**
719926	(G-5)	8.5" x 27"	Blue	**$39.95 F**
720018	(G-1)	3.5" x 13"	White	**$8.95 F**
720020	(G-2)	4.5" x 16"	White	**$11.95 F**
720032	(G-3)	5.5" x 20"	White	**$13.95 F**
720044	(G-4)	6.5" x 23"	White	**$23.95 F**
720056	(G-5)	8.5" x 27"	White	**$39.95 F**
720068	(G-6)	10.5" x 30"	White	**$53.95 F**
720082	(G-3)	5.5" x 20"	Teal	**$13.95 F**
720083	(G-4)	6.5" x 23"	Teal	**$23.95 F**

Inflatable Vinyl Fenders and Buoys



N.A. Taylor Tuff End™ Inflatable Vinyl Buoys

Tuff End buoys feature heavy duty seamless construction to meet the punishing demands of the commercial marine industry. Tuff End fender ends are made from injection molded vinyl tested to 2000 psi tensile strength, the strongest in the industry! Tuff Ends feature large line holes that will accept standard shackles. The curved design hole prevents chafing.

719280	(1140)	Diameter 9″	White	**$24.95 F**
719281	(1143)	Diameter 12″	White	**$29.95 F**
719293	(1146)	Diameter 15″	White	**$42.95 F**
719306	(1149)	Diameter 18″	White	**$56.95 F**
719318	(1152)	Diameter 21″	White	**$87.95 F**
719320	(1155)	Diameter 27″	White	**$132.95 F**
719332	(1157)	Diameter 34″	White	**$284.95 F**
719205	(61140)	Diameter 9″	Orange	**$24.95 F**
719217	(61143)	Diameter 12″	Orange	**$29.95 F**
719229	(61146)	Diameter 15″	Orange	**$42.95 F**
719231	(61149)	Diameter 18″	Orange	**$56.95 F**
719243	(61152)	Diameter 21″	Orange	**$87.95 F**
719255	(61155)	Diameter 27″	Orange	**$132.95 F**
719267	(61157)	Diameter 34″	Orange	**$284.95 F**



Polyform A Series Buoys

Even wall thickness for maximum thickness. Heavy duty reinforced ropeholds. Polyform's unique vinyl valve system. Redesigned ropehold for A-1 through A-7 for improved strength and durability. Dual valve inflation/deflation system for sizes A-5, A-6 and A-7.

718000	(A-0)	9" x 11.5"	Red	**$23.95 F**
718005	(A-0)	9" x 11.5"	White	**$23.95 F**
718010	(A-1)	11.5" x 14.5"	Red	**$31.95 F**
718015	(A-1)	11.5" x 14.5"	White	**$31.95 F**
718020	(A-2)	15.5" x 19.5"	Red	**$44.95 F**
718025	(A-2)	15.5" x 19.5"	White	**$44.95 F**
718030	(A-3)	18.5" x 23"	Red	**$70.95 F**
718035	(A-3)	18.5" x 23"	White	**$70.95 F**
718040	(A-4)	21.5" x 28"	Red	**$98.95 F**
718045	(A-4)	21.5" x 28"	White	**$98.95 F**
718050	(A-5)	27.5" x 36"	Red	**$199.95 F**
718055	(A-5)	27.5" x 36"	White	**$199.95 F**
718060	(A-6)	34" x 46.5"	Red	**$367.95 F**
718065	(A-6)	34" x 46.5"	White	**$367.95 F**
718070	(A-7)	41.4" x 54.4"	Red	**$583.95 F**
718075	(A-7)	41.4" x 54.4"	White	**$583.95 F**



N.A. Taylor Tuff End™ Inflatable Vinyl Fenders

Tuff End fenders are for heavy duty marine applications. Constructed from the same flexible, resilient vinyl as our Super Gard, Big B, and Hull Gard fenders, the end in each Tuff End is injection molded for extra strength and reliability. Tuff Ends are designed to perform under the most demanding conditions. Tuff End fenders feature seamless construction, the strongest in the industry. White.

719700	(1182)	6″ x 25″	Boat - Up to 30′	**$35.95 F**
719701	(1185)	8″ x 27″	Boat - 25′ to 40′	**$57.95 F**
719703	(1191)	12″ x 35″	Boat - 50′ to 60′	**$108.95 F**
719704	(1192)	15″ x 41″	Boat - 60′ to 70′	**$140.95 F**
719799	(1193)	19″ x 50″	Boat - 70′ to 80′	**$324.95 F**
719706	(1194)	24″ x 57″	Boat - 80′ to 100′	**$369.95 F**
719707	(1195)	32″ x 77″	Boat - Over 100′	**$580.95 F**



Polyform F Series Fenders

This European style twin-eye fender is the strongest fender Polyform makes. Designed for rough commercial use along with the classic design preferred by the discriminating boater. It is available in the following eleven sizes and in white only. **Note:** There are five other sizes available on special request.

719749	(F-1)	6" x 25"	**$35.95 F**
719751	(F-02)	8" x 27"	**$41.95 F**
719752	(F-2)	9" x 25"	**$48.95 F**
719753	(F-3)	9" x 30"	**$66.95 F**
719754	(F-4)	9" x 41"	**$84.95 F**
719755	(F-5)	12" x 30"	**$86.95 F**
719762	(F-6)	12" x 43"	**$118.95 F**
719763	(F-7)	15" x 41"	**$171.95 F**
719786	(F-8)	15" x 58"	**$281.95 F**
719787	(F-10)	18.5" x 50"	**$322.95 F**
719788	(F-11)	24" x 57"	**$397.95 F**
719789	(F-13)	32" x 77"	**$903.95 F**

N.A. Taylor Specialty Fenders



N.A. Taylor Rafting Cushion

The only fender specifically designed for maximum protection when rafting or tying up against solid walls. Six molded tubes provide crush resistance, and the exclusive channel design lends itself to "hugging" the boat. Rafting cushions are made from tough marine grade vinyl and feature an inflation valve for air pressure adjustment. Rafting cushions may be hung vertically or horizontally. They make great piling cushions and are extremely comfortable as seat cushions. 15" L x 15" W x 6-1/2" Diameter.

721553 (46090) **$88.95 F**



N.A. Taylor Low Freeboard Fenders

Shaped to protect the gunwales and rubrail, the Low Freeboard fender offers superior protection compared to regular fenders against high docks. Low Freeboard fenders can be tied over the cleat to position it higher on the boat, putting protection where it is needed. Made from specially formulated tough marine grade vinyl and features an inflation valve for air pressure adjustment. Standard size measures 14" long and larger size measures 23" long for increased hull protection.

719815	(31005)	5" Dia. x 14" L	White	**$19.95 F**
719816	(31007)	7" Dia. x 23" L	White	**$48.95 F**
719817	(31006)	5" Dia. x 14" L	Metallic Black	**$21.95 F**



722783



722795



722769



722757

N.A. Taylor Pontoon Fenders

The Pontoon Fender is specifically designed to fit snugly between the pontoon and the deck of the boat, protecting both from rafting boats, docks, or other objects. The Fence Saver secures to the fence or railing and is designed to prevent contact to the delicate aluminum fencing. The pontoon corner bumpers come in two shapes for both radius style or 90 pontoon corners. The corner bumpers mount over the original factory installed aluminum corner section to provide air-cushioning impact protection when docking. Each corner section is molded from a special gray pvc formulated to match the aluminum color of the boat and secures with stainless steel fasteners.

722757	(31030) Pontoon Fender	**$36.95 F**
722769	(31032) Fence Saver	**$47.95 F**
722783	(31033) 90 Degree Corner Fender	**$22.95 F**
722795	(31034) Radius Corner Fender	**$22.95 F**



N.A. Taylor Transom Fender

Uniquely shaped to fit the stern of a sailboat or the edge of most swim platforms up to 4" thick. An integral 3/4" diameter tube allows securing line to pass from end to end while a contoured shape helps 'grip' the fendering location. Made from soft, flexible vinyl. Rubber football inflation valve to adjust the level of firmness to satisfy all applications.

719820 (56090) Dimensions: 10" x 22" **$98.95 F**



N.A. Taylor PWC Fender

Designed to custom fit the profiles of most PWCs. The fender bottom is shaped to "hook" under the bond flange for quick attachment. Flex areas on the fender provide a "hinge" action that allows the fender to conform to the shape of the watercraft. Features an inflation valve for air pressure adjustment and includes a suction cup and securing line. White.

719837 (1069) **$29.95 F**

N.A. Taylor Hand Pump with Hose Adapter



N.A. Taylor Hand Pump with Hose Adapter

Compact hand pump for filling fenders, rafts, etc.

720458	(1005)	**$10.95 F**
720459	(31010) Pack of 3 Inflation Needles	**$4.95 F**

Inflatable Vinyl Fender Accessories

FISH-ON!

NEW ITEM



Fish-On Fender Cleat

Stylish spring loaded cleats provide a quick solution for positioning fenders. An upscale alternative to polyethylene cleats or over-the-rail designs. Sold 2 per pack.

500970 (2201-2) **$26.95 G**

Taylor Made Products



N.A. Taylor Premium Fender Covers

Knit from heavy weight, high tenacity solution dyed polyester yarn that stands up to sunlight, abrasion and harsh environments. The fabric is a circular knit construction to eliminate lateral seams (than can fail due to the added friction) and has a high degree of elasticity to maintain its shape and ensure a nice tight fit to your fender. The covers are secured, both top and bottom, with an adjustable, high strength polypropylene rope that keeps the cover in place yet allows for easy removal for cleaning.

Navy Fender Covers

		Hull Gard®	Super Guard™	Big B™	
719018	(9112)	6-1/2″ x 23″	5-1/2″ x 20″	6″ x 15″	**$21.95 F**
719027	(9113)	8-1/2″ x 27″	8-1/2″ x 26″	8″ x 20″	**$24.95 F**
719039	(9114)	10-1/2″ x 30″	10-1/2″ x 30″	10″ x 26″	**$26.95 F**
719041	(9115)			12″ x 34″	**$31.95 F**

Black Fender Covers

		Hull Gard®	Super Guard™	Big B™	
719053	(9142)	6-1/2″ x 23″	5-1/2″ x 20″	6″ x 15″	**$21.95 F**
719065	(9143)	8-1/2″ x 27″	8-1/2″ x 26″	8″ x 20″	**$24.95 F**
719077	(9144)	10-1/2″ x 30″	10-1/2″ x 30″	10″ x 26″	**$26.95 F**

Taylor Made Products



N.A. Taylor Fender Racks - Stainless Steel

Holds any style fender. Cross reinforced for extra strength. High gloss #316 stainless steel. Completely preassembled! Tightens to accomodate any angle. Moveable "J" hooks mount on any rail and stanchion system. Folds flat for easy storage. For 2 fenders.

720462 (2009) Fender Diameter: 7″ - 9″ **$146.95 F**
720466 (2011) Fender Diameter: 9″ - 11″ **$168.95 F**

Polyform U.S.®



MFG #	Fits Polyform Fender Sizes
TFR-230	**G-5, HTM-2, F-2, F-3 and F-4**

Polyform "True Fit" Fender Holders

Made of high quality stainless steel. Because of its design and patented 360° swivel connector, virtually any spot along the bow or stern rail can become a fender storage area. **Note:** Requires use of connectors **720323** (TFR-402) or TFR-403.

720284 (TFR-230) 9" Holder **$51.95 F**

Polyform U.S.®

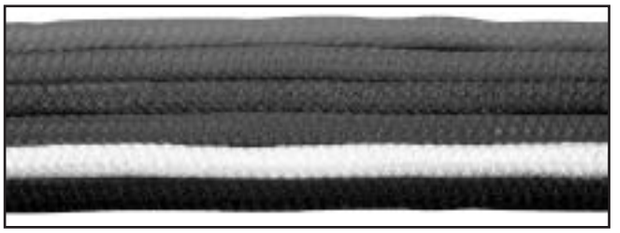


Polyform Swivel Connector for "True Fit" Fender Holders

Made of durable nylon.

720323 (TFR-402) **$15.95 F**

Marpac Fender Lines



Marpac Fender Lines

Solid braid nylon fender lines. Sold in handy 36″ and 60″ lengths. Use the 3/8″ lines for fenders 6″ and smaller and the 1/2″ lines for fenders 8″ and larger.

7-6420	3/8″ x 36″	Black	4 Per Pack	**$9.95 F**
7-6421	3/8″ x 36″	Blue	4 Per Pack	**$9.95 F**
7-6422	3/8″ x 36″	White	4 Per Pack	**$7.95 F**
7-6423	3/8″ x 36″	Red	4 Per Pack	**$9.95 F**
7-6424	3/8″ x 36″	Navy Blue	4 Per Pack	**$9.95 F**
7-6425	3/8″ x 36″	Burgundy	4 Per Pack	**$9.95 F**
7-6426	3/8″ x 36″	Hunter Green	4 Per Pack	**$9.95 F**
7-6430	1/2″ x 60″	Black	2 Per Pack	**$13.95 F**
7-6431	1/2″ x 60″	Blue	2 Per Pack	**$13.95 F**
7-6432	1/2″ x 60″	White	2 Per Pack	**$12.95 F**

N.A. Taylor Fender Hangers and Adjusters



N.A. Taylor Tidy-Up™ Fender Adjuster

Quick and simple, these fender adjusters simply snap over your lifelines or railing and are ready to use. Holds line up to 5/8″ in diameter. For standard size rail. White vinyl.

720449 (1015) **$11.95 F**



N.A. Taylor Vertical Rail Fender Hanger

Finally a fender hanger for vertical rails! Made of tough nylon, this fender hanger attaches to the rail with 2 screws and then grips the fender rope with its heavy duty teeth making rafting and docking easier than ever.

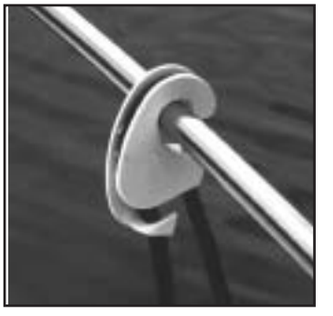
720451 (1099) **$13.95 F**



N.A. Taylor No Knot™ Fender Hanger

No more need for knots in your lines! The No Knot Heavy duty marine nylon fender hanger keeps your fender in place with a simple system. Just attach the rope over the rail, and weave it through the gripper teeth. Your boat is safe and fender protected with-out using knots.

720454 (1105) **$7.95 F**



N.A. Taylor Fender Hanger/Adjuster

An economical and easy to use fender adjuster. Simply loop your line for hanging and thread it through the durable nylon block. The weight of the fender keeps line taught and locks the fender to the desired height. The adjust, simply slide excess line to length needed.

720455 (1108) **$5.95 F**

Inflatable Vinyl Fender Accessories



N.A. Taylor Quick Knot™ Fender Hanger
Tired of tying knots? This easy to use fender hanger allows the quick placement of fenders anywhere there is something to tie off to, without having to tie a knot. The rope is threaded through the quick knot's heavy duty molded nylon system, hanging the fender quickly and securely. No need to waste time with cumbersome and unsecured knots!

720450 (1098) **$12.95 F**



Airhead Fender Strap
Attach your boat fenders exactly where you need the protection. Giant 3-1/4" suction cups attach to gelcoat or windshields quickly and easily. Perfect for most boats and personal watercraft where cleats never seem to be where you need them. Durable 1" wide straps adjust up to 24" long. Fenders not included. 2 per package.

586416 (SF-1C) **$8.95 F**



Perko Fig. 1309 Snap Type Fender Hook
Chrome plated zinc. Plate dimensions: 1-9/16" x 1-3/8". Maximum rope size 1/4". Uses #6 fasteners. Sold two per display pack.

534330 (1309 DP CHR) **$17.95 H**



N.A. Taylor Tidy-Ups™ Line Holder
UV resistant vinyl strap securely holds rope, cords, etc. D-ring attachment is a great tie-off for fenders.

722613 (1101) Standard Rail **$7.95 F**



N.A. Taylor Tidy-Ups™ Fender Adjuster Kit
The finest looking, top performing fender adjusters available. New Tidy-Ups Kits include Tidy-Ups Fender Adjuster and 6 feet of 3/8" solid braid polypropylene rope. Made from high quality marine grade components, they are quick and easy to use. Simply snap adjuster over your lifeline, railing, or stanchion and set fender height in an instant.

720452 (1131) White **$20.95 F**



Perko Fig. 1299 Fender Lock
Chrome plated zinc. The eye is to be permanently attached to the fender line. Eye ID 3/8". Flange OD 1-1/2". Uses #8 fasteners. Sold each per display pack. Standard pack 10.

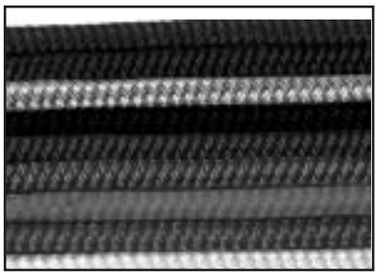
534203 (1299 DP CHR) **$19.95 H**

Marpac Docklines

Marpac
Double Braided Nylon Docklines

Nylon double braid offers predictable controlled elongation, UV protection and resists abrasion, oil, rot, mildew and is fully spliceable. Designed to provide maximum strength, flexibility and color retention

COLORED DOCKLINES



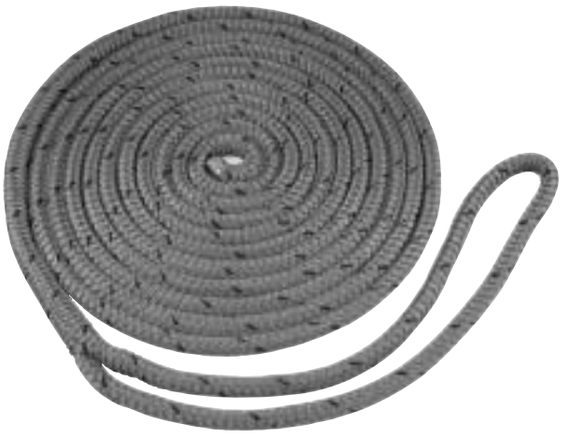
Size	Blue	Red	Black	Teal	Navy	Burgundy	Hunter Gr.	White	Gold	Price
3/8" x 15'	7-6230	7-6280	7-6220	7-6290	7-6270	7-6240	7-6260	7-6300	7-6250	**$10.95 F**
3/8" x 20'	7-6231	7-6281	7-6221	7-6291	7-6271	7-6241	7-6261	7-6301	7-6251	**$12.95 F**
1/2" x 15'	7-6233	7-6283	7-6223	7-6293	7-6273	7-6243	7-6263	7-6303	7-6253	**$17.95 F**
1/2" x 20'	7-6234	7-6284	7-6224	7-6294	7-6274	7-6244	7-6264	7-6304	7-6254	**$21.95 F**
1/2" x 25'	7-6235		7-6225					7-6305	7-6255	**$24.95 F**
1/2" x 30'	7-6236		7-6226					7-6306	7-6256	**$28.95 F**
5/8" x 25'	7-6238		7-6228						7-6257	**$39.95 F**
5/8" x 35'	7-6239		7-6229						7-6259	**$55.95 F**
3/4" x 30'	7-6310		7-6316							**$66.95 F**
3/4" x 35'	7-6311		7-6317							**$77.95 F**
3/4" x 40'	7-6312		7-6318							**$89.95 F**



Marpac Twisted Nylon Mooring and Docklines

100% nylon. 10" spliced eye in one end. They're highly resistant to rot, abrasion, oil, grease, gasoline and marine growth. Can be stowed wet without damage to the fibers.

7-6351	3/8" x 15'	White	**$5.95 F**
7-6365	3/8" x 15'	Blue	**$8.95 F**
7-6380	3/8" x 15'	Black	**$7.95 F**
7-6352	3/8" x 20'	White	**$6.95 F**
7-6366	3/8" x 20'	Blue	**$10.95 F**
7-6381	3/8" x 20'	Black	**$9.95 F**
7-6353	3/8" x 25'	White	**$7.95 F**
7-6354	1/2" x 15'	White	**$8.95 F**
7-6355	1/2" x 20'	White	**$10.95 F**
7-6369	1/2" x 20'	Blue	**$17.95 F**
7-6384	1/2" x 20'	Black	**$15.95 F**
7-6356	1/2" x 25'	White	**$13.95 F**
7-6370	1/2" x 25'	Blue	**$21.95 F**
7-6385	1/2" x 25'	Black	**$18.95 F**
7-6358	5/8" x 25'	White	**$19.95 F**
7-6360	5/8" x 35'	White	**$28.95 F**



Marpac Braided MFP Docklines

Specially designed for trailered boats to 20'. Unaffected by gasoline, oil & marine growth. Absorbs shock loads. Can be stored wet. High abrasion resistance. Will not shrink. Ultraviolet stabilized. Mildew and rot resistant. Built in chafe guard protection. Secure grip. Floats.

7-6401	3/8" x 15'	Red	**$6.95 F**
7-6400	3/8" x 15'	Blue	**$6.95 F**
7-6403	3/8" x 15'	Black	**$6.95 F**
7-6402	3/8" x 15'	Teal	**$6.95 F**

Bulk Cordage

Twisted Nylon Rope

Excellent for anchor lines, mooring and dock lines because this fiber absorbs sudden shock loads that could snap ropes made of other fibers or cause damage to boat fittings. 4-stage nylon has excellent resistance to abrasion. Rot resistant and not damaged by oil, grease, gasoline, mildew, marine growth or most chemicals. Can be stowed wet. 3-strand twisted nylon is spliceable.



701404	(10975)	Diameter 1/4"	Length 600'	Working Load 124 lbs.	**$57.95 F**
701417	(10987)	Diameter 5/16"	Length 600'	Working Load 192 lbs.	**$96.95 F**
701426	(10999)	Diameter 3/8"	Length 600'	Working Load 278 lbs.	**$135.95 F**
701433	(11001)	Diameter 7/16"	Length 600'	Working Load 410 lbs.	**$193.95 F**
701446	(11011)	Diameter 1/2"	Length 600'	Working Load 525 lbs.	**$251.95 F**
701459	(11018)	Diameter 5/8"	Length 600'	Working Load 935 lbs.	**$405.95 F**
701463	(11022)	Diameter 3/4"	Length 300'	Working Load 1,420 lbs.	**$296.95 F**
701474	(11025)	Diameter 3/4"	Length 600'	Working Load 1,420 lbs.	**$539.95 F**
701486	(11034)	Diameter 7/8"	Length 600'	Working Load 2,000 lbs.	**$822.95 F**
701498	(11046)	Diameter 1"	Length 300'	Working Load 2,520 lbs.	**$501.95 F**
701501	(11049)	Diameter 1"	Length 600'	Working Load 2,520 lbs.	**$1,003.95 F**
701525	(NTR20600-01)	Diameter 1-1/4"	Length 600'		**$1,161.95 F**
701549	(NTR24600-01)	Diameter 1-1/2"	Length 600'		**$1,596.95 F**

Special Handling May Apply

Rope Display

Display includes:

701143 (1) 1/4" 500' Solid Braid Nylon Rope
701169 (1) 3/8" x 500' Solid Braid Nylon Rope
701171 (1) 1/2" x 500' Solid Braid Nylon Rope
701404 (1) 1/4" x 600' Twisted Nylon Rope
701426 (1) 3/8" x 600' Twisted Nylon Rope
701446 (1) 1/2" x 600' Twisted Nylon Rope
701707 (1) 1/4" x 600' Twisted Polypropylene Rope
701749 (1) 3/8" x 600' Twisted Polypropylene Rope
702738 (1) RD-00501 Bulk Rope Reel Holder

NEW ITEM

702781 **$1,075.95 F**

NEW ITEM

Bridgeline Bulk Rope Reel Holder

Holds up to 8 spools.



702738 (RD005-01) **$79.95 A**

Solid Braid Nylon Rope

A better general purpose rope that absorbs shock loads due to excellent elasticity. Flexibility allows great handling and knot retention. A strong performer in use and in price.



701114	(10046)	Diameter 1/8"	Length 600'	Working Load 400 lbs.	**$35.95 F**
701127	(10071)	Diameter 5/32"	Length 500'	Working Load 600 lbs.	**$42.95 F**
701130	(10093)	Diameter 3/16"	Length 475'	Working Load 800 lbs.	**$48.95 F**
702680		Diameter 7/32"	Length 1,000'		**$52.95 H**
701143	(10128)	Diameter 1/4"	Length 500'	Working Load 1,250 lbs.	**$54.95 F**
701156	(10151)	Diameter 5/16"	Length 500'	Working Load 1,400 lbs.	**$83.95 F**
701169	(10172)	Diameter 3/8"	Length 500'	Working Load 2,500 lbs.	**$131.95 F**
701171	(10188)	Diameter 1/2"	Length 500'		**$228.95 F**



Gold N Braid Nylon Rope

Standard double braid nylon. Gold and white. 100% nylon in jacket and core, this braided nylon has superior shock absorbing elasticity and will not rotate, kink or hockle under a load. High abrasion and snag resistance. Spliceable.

701039	(16392)	Diameter 1/2"	Length 300'	Working Load 660 lbs.	**$179.95 F**

Poly Dac Rope



Diamond Braid Polydac Rope

305709 (11144)	Diameter 3/8"	Length 600'		**$164.95 F**
305766 (11145)	Diameter 1/2"	Length 600'		**$320.95 F**
305806 (11146)	Diameter 5/8"	Length 600'		**$435.95 F**



Twisted Polypropylene Rope

A first class, 3-strand twisted, 100% monofilament polypropylene rope. Has good strain and stretch efficiency. It may be stored wet without damage to the fibers and has great resistance to rot, mildew, acids, oil, grease and most chemicals.

Yellow

701707 (14986)	Diameter 1/4"	Length 600'	Working Load 113 lbs.	**$24.95 F**
701723 (15002)	Diameter 5/16"	Length 600'	Working Load 171 lbs.	**$33.95 F**
701749 (15019)	Diameter 3/8"	Length 600'	Working Load 244 lbs.	**$51.95 F**
701765 (15034)	Diameter 1/2"	Length 600'	Working Load 420 lbs.	**$107.95 F**
701789 (15038)	Diameter 5/8"	Length 600'	Working Load 700 lbs.	**$147.95 F**
701804 (15042)	Diameter 3/4"	Length 600'	Working Load 1,090 lbs.	**$223.95 F**
701842 (15049)	Diameter 1"	Length 600'	Working Load 1,800 lbs.	**$341.95 F**

Yellow/Black

304472 (11827)	Diameter 2"	Length 600'	**$993.95 F**

Twisted Polypropylene Rope - Black

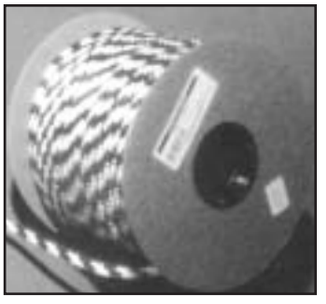
303901	Diameter 1/4"	Length 600'	**$22.95 F**
303949	Diameter 3/8"	Length 600'	**$54.95 H**
303955	Diameter 7/8"	Length 600'	**$248.95 A**



Diamond Braid Polypropylene Rope

8-strand diamond braid polypropylene. Used for anchor lines, dock lines, tie down rope and countless marine and other applications. It is resistant to rot and abrasion and is not damaged by mildew, marine growth, oil, grease, gasoline or most chemicals. Floats on the surface of water.

701332 (14943)	3/8" x 500'	Yellow	Working Load 200 lbs.	**$40.95 F**
267562 (49358)	3/8" x 1,000'	Black	Working Load 200 lbs.	**$92.95 F**
701345 (16470)	1/2" x 250'	Yellow	Working Load 315 lbs.	**$27.95 F**



Solid Braid MFP

Multi Filament Polypropylene ropes are very light yet strong. They resist kinking and hold a knot well. Ideal for throwing lines, light towing, halter rope, and general tie downs.

701854 (OSO7500-23)	7/16" X 500'	Black		**$129.95 F**
701866 (OS1O200-23)	5/8" X 200'	Black		**$119.95 F**
999164 (OSO7200-19)	7/16" X 200'	Red		**$51.95 F**

Nylon Anchor Lines



Twisted Nylon Anchor Lines
100% 4-stage nylon with spliced-in galvanized thimble in one end. Strong, rot and abrasion resistant lines that absorb shock loads to protect boats and fittings. Not damaged by mildew or marine growth. Can be stowed wet.

702490	(37296)	3/8"	Length 50'	**$13.95 F**
702506	(11089)	3/8"	Length 100'	**$21.95 F**
702519	(11090)	3/8"	Length 150'	**$30.95 F**
702520	(23026)	1/2"	Length 100'	**$43.95 F**
702522	(11091)	1/2"	Length 150'	**$63.95 F**
702535	(11092)	1/2"	Length 200'	**$84.95 F**
702540	(11762)	1/2"	Length 250'	**$103.95 F**
702548	(11763)	5/8"	Length 250'	**$169.95 F**
702551	(11764)	5/8"	Length 300'	**$203.95 F**



Marpac Braided Nylon Rope
For general tying and all purpose use. It is flexible, yet strong and can be easily knotted.

7-6218 1/4″ x 50′ **$9.95 F**

Pacific Manila Rope
An economy priced natural hemp fiber. 3 strand rope meets federal spec TR605 Type M.

372110	1/4" x 600'	**$18.95 A**
372122	3/8" x 600'	**$38.95 A**
372134	1/2" x 600'	**$69.95 A**



Gold Braid Nylon Anchor Line
100% nylon with spliced-in galvanized thimble. Actually two ropes combined into a single, double-braided, extremely strong line. Won't kink, hockle or rotate under load and is resistant to rot, abrasion, mildew and marine growth.

702616 (11100) 1/2" Length 150' **$99.95 F**



Marpac Solid Braid Nylon Anchor Line with Hook
Use as a replacement for Achormate reels. Clam shell package.

7-6440 3/16" X 150′ **$15.95 F**



Sisal 3-Strand Twisted Rope
A low priced natural fiber rope that holds a knot well. Used for many light uses around the home or in industry. Ideal for "one way" tie downs!

238508 (23-210) 1/4″ X 100′ **$4.95 H**

Bungee Cords and Accessories



Heavy Duty Shock Cord
Heavy duty, do-it-yourself cord. Nylon covered. Rubber core. Sold in full rolls only.

721604	3/16" x 100'	**$26.95 F**
721628	1/4" x 100'	**$28.95 F**
721642	5/16" x 100'	**$51.95 F**
721666	3/8" x 100'	**$66.95 F**
721680	1/2" x 100'	**$128.95 F**



Star Brite Universal Bungee Cords with Plastic Coated Hook Ends
Sold 2 pieces per display pack.

675853	3/8″ x 48″	**$3.95 F**
675854	3/8″ x 36″	**$3.95 F**
675855	3/8″ x 24″	**$2.95 F**
675856	3/8″ x 16″	**$2.95 F**
675857	5/16″ x 24″	**$2.95 F**
675858	5/16″ x 16″	**$1.95 F**



Stainless Steel Shock Cord Hooks
High tensile spring stainless steel clips. Marine chrome plated. Easy to attach with clinching rings. Sold two hooks & two clinching rings per skin packed card.

721743	1/4"	**$2.95 H**
721755	5/16"	**$4.95 H**
721767	3/8"	**$4.95 H**

Rope Accessories



Wellington Rope Measurer
Measurers from 5/32" to 3/4" diameter within weights and measure tolerance. Digital counter indicates feet and inches up to 999' 11" and continues. Rated at 1,000 FPM. Meets National Bureau of Standards H44 Requirements.

702740 (15462) **$366.95 F**



Star Brite Dip-It Whip-It
The quick and easy way to finish rope ends. Prevents unraveling. Forms a permanent, flexible coating. Excellent for manila, nylon and poly ropes. Whips any thickness rope end. 4 fl. oz.

460662 (84904) White **$8.95 F**



Marpac Electric Cutting Gun
Cuts and seals the ends of synthetic ropes in one fast movement. Runs on 120 volts. Comes with a 5' cord.

7-2753	Cutting Gun	**$54.95 F**
7-2766	Cutting Gun Blade Only	**$14.95 F**



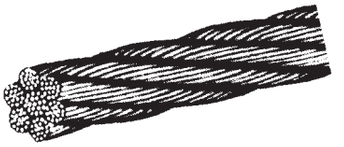
Wood Hand Fids

202313	(250-40)	12" x 1-3/4"	**$16.95 E**
202325	(250-70)	18" x 2"	**$22.95 E**
202337	(250-90)	20" x 2-1/4"	**$34.95 E**
202349	(250-100)	24" x 3"	**$45.95 E**

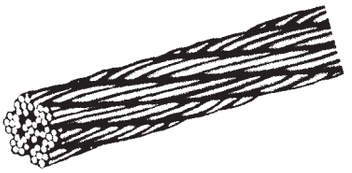
Aircraft Quality Cable and Vinyl Coated Cable

Aircraft Quality Cable Running Rigging 7 x 19

Corrosion resistant steel. Often used as a stainless steel running rigging. Extremely flexible with maximum fatigue resistance. Because of the increase in total surface area, abrasion resistance is significantly lower than 1 x 19. Sold in 250' length.



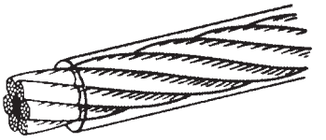
553328 (SC12579) 1/8" **$388.95 H**
553366 (SC18879) 3/16" **$522.95 H**



Aircraft Quality Cable, General Purpose 7 x 7

Corrosion resistant steel. Falls between 1 x 19 and 7 x 19 in terms of the degree of flexibility, abrasion and fatigue. 7 x 7 stainless steel is primarily used as a lifeline cable. Sold in 250' length.

553203 (SC06377) 1/16" **$121.95 H**



Vinyl Coated Cable 7 x 7

Stainless steel lifeline cables. White vinyl jacketed. Sold in 250' length.

553455 (SC1887702) 3/16" - 5/16" **$632.95 H**



Stainless Steel Thimbles

Stainless steel – natural finish. Fits cable diameters from 1/16" to 1/4" to meet the most demanding marine requirements. Meets all Military Specification.

211906 (AN100-C3) 1/16" **$0.95 F**
211918 (AN100-C4) 1/8" **$0.95 F**
211920 (AN100-C5) 5/32" **$0.95 F**
211932 (AN100-C6) 3/16" **$0.95 F**
211944 (AN100-C8) 1/4" **$1.95 F**



Copper Oval Sleeves - Zinc Plated

211196 (SL1-6)			**$0.95 Q**
211211 (SL2-2P)	1/16"	Use Tool 1-SC – DMI #**212566**	**$0.95 Q**
211223 (SL2-3P)	3/32"	Use Tool 1-SC – DMI #**212566**	**$0.95 Q**
211235 (SL2-4P)	1/8"	Use Tool 1-SC – DMI #**212566**	**$0.95 Q**
211247 (SL2-5P)	5/32"	Use Tool 1-SC – DMI #**212566**	**$0.95 Q**
211259 (SL2-6P)	3/16"	Use Tool 1-SC – DMI #**212566**	**$1.95 Q**
211261 (SL2-7P)	7/32"		**$1.95 H**
211273 (SL2-8P)	1/4"	Use Tool 0-1/4 – DMI #**212580**	**$2.95 Q**
211285 (SL2-10P)	5/16"		**$5.95 H**

Locoloc® Hand Swagers

212580



Cableware Technology Locoloc® Hand Swagers

Features "over-center" leverage, which transmits a powerful snap-action to the final thrust of the jaws. Easy adjustment.

No. 0. Single compression die for oval and stop sleeve swaging. 1/4" oval sleeve and 1/4", 9/32" and 5/16" stop sleeves.

212580 (0-1/4) **$399.95 E**

No. 1-SC. Multi-compression hand swager with cable cutter. Swages 1/16", 3/32", 1/8", 5/32" and 3/16" oval and stop sleeves, plus 7/32" stop sleeves. Can cut up to 7/32" cable.

212566 (1-SC) **$339.95 E**

Felco Cable Cutter



Cableware Technology Felco Cable Cutter

Lightweight enough for overhead cutting yet strong enough for underwater work. Plastic coated handles for a firm, comfortable grip. These cable cutters, with unique triangular jaws, never leave a frayed end. Cable 3/16". Length 8".

212605 (C-7) **$80.95 E**

N.A. Taylor Mooring Whips



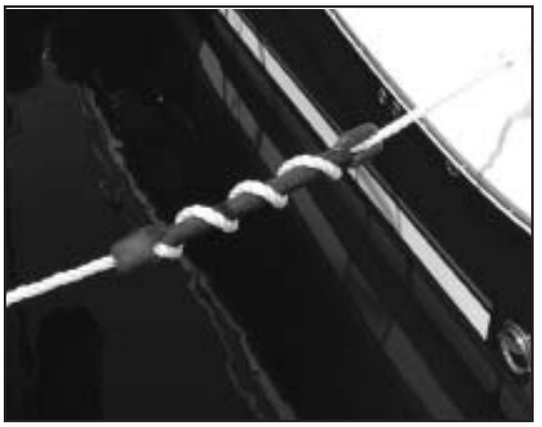
Special Handling May Apply

N.A. Taylor Mooring Whips

These specially designed, heavy duty, solid fiberglass rods pull your boat away from the dock by applying continuous variable pressure between boat and dock; while spring lines keep the boat from moving out of position. Your boat simply cannot hit the dock! Mooring Whips provide more protection in tough mooring areas, such as those with severe weather, high boat wakes, winds and tides. Manufactured from high quality, solid fiberglass; tapered to provide superior strength and the Flex-Action needed to maintain a safe convenient distance from boat to dock. Each rod incorporates an exclusive roller tip and whip cleat design, that allows for easy retrieval of the boat for boarding and makes tie-off quick and hassle free.

		For Boat Sizes	
723987 (MW.080)	Fixed Base 8′	Up to 17′ to 2,500 lbs.	**$413.95 F**
723999 (MW.120)	Fixed Base 12′	17′ - 23′ to 5,000 lbs.	**$564.95 F**
724004 (MW.140)	Fixed Base 14′	23′ - 28′ to 10,000 lbs.	**$620.95 F**
724028 (PW.1400)	Ultimate 14′	Up to 33′ to 20,000 lbs.	**$858.95 F**
724042 (PMW.1600)	Ulimate 16′	34′ - 246′ to 36,000 lbs.	**$908.95 F**

N.A. Taylor Mooring Snubbers



NEW ITEM

N.A. Taylor Mooring Snubbers

A rubber mooring snubber that absorbs dock-line loads and increases dock-line life. Made from super-elastic isoprene natural rubber, the improved design allows the line to pass through and wrap around the snubber without requiring an insert. It also eliminates the self-locking internal system, which can cause unnecessary stress on dock lines.

810592 (307) Fits Line Size 3/8″	**$35.95 F**
810590 (308) Fits Line Size 5/8"	**$46.95 F**
810588 (309) Fits Line Size 3/4"	**$61.95 F**

Mooring Snubbers



Mooring Snubbers

Gives safety stretch to mooring lines, absorbs shock of wind and waves. Tough neoprene withstands sun, salt and water. Length 22″.

623632 **$29.95 H**

Perko Fig. 759 Dock Line Spring

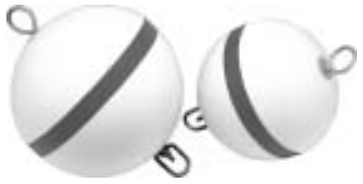


Perko Fig. 759 Dock Line Spring

Galvanized spring steel. A very strong compression spring for dock and mooring lines. It cushions the strain and contributes greatly to the life of your lines. Overall length 10". Spring diameter 1-1/2". For 1/2" rope. Compression 4-1/2".

542010 (759 001 ZNC) **$29.95 H**

N.A. Taylor Buoys



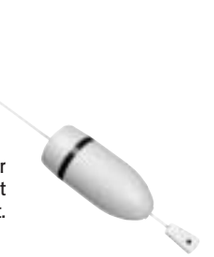
N.A. Taylor Traditional Sur-Moor Mooring Buoys
Hot-dipped galvanized steel. Blue stripe is reflective for nighttime visibility.

719100	(22170)	Dia. 12″	Circumference 38″	Buoyancy 30 lbs.	**$99.95 F**
719102	(22171)	Dia. 15″	Circumference 47″	Buoyancy 60 lbs.	**$127.95 F**
719104	(22172)	Dia. 18″	Circumference 57″	Buoyancy 100 lbs.	**$159.95 F**
719106	(22174)	Dia. 24″	Circumference 75″	Buoyancy 240 lbs.	**$285.95 F**



N.A. Taylor Sur-Moor T3C Mooring Buoys
Sur-Moor™ hard skin mooring buoys have a seamless and tough, one-piece polyethylene shell. Hard skin shells feature ultraviolet light absorbers for long-term life under the sun. Filled with EPS foam to positively displace water.

719108	(46370)	Dia. 12″	Circumference 38″	Buoyancy 30 lbs.	**$82.95 F**
719110	(46371)	Dia. 15″	Circumference 47″	Buoyancy 60 lbs.	**$108.95 F**
719112	(46372)	Dia. 18″	Circumference 57″	Buoyancy 100 lbs.	**$135.95 F**
719114	(46374)	Dia. 24″	Circumference 75″	Buoyancy 240 lbs.	**$242.95 F**
719116	(46375)	Dia. 30″	Circumference 95″	Buoyancy 500 lbs.	**$496.95 F**



N.A. Taylor Mast Buoys
Perfect as a pick-up buoy. Sealed PVC float. Ideal for all diving applications. Vinyl coated metal weight offers superior scratch protection for your boat. Fiberglass mast.

719154	(22105)	Mast Length 48″	**$36.95 F**
719166	(22106)	Mast Length 74″	**$38.95 F**
719178	(22126)	Mast Length 96″	**$41.95 F**



N.A. Taylor Sur-Mark Marker Buoy
Molded from tough UV protected polyethylene. One-piece seamless construction, internal concrete ballast, recessed galvanized eye. Stand upright for storage. Height 49″. Col. dia. 10″. Large ring dia. 18″. Buoyancy 40 lbs.

719091 (46104) **$241.95 F**

N.A. Taylor Sully Stick™ Winter Stick
A long tapered buoy used in place of a standard round mooring buoy during the winter months. The Sully Stick has a molded in eyelet at the top for easy retrieval. The base eyelet is reinforced with a galvanized metal bushing to attach a rope and connect to the anchor chain. The shape of the Sully stick helps it escape ice entrapment better than a round buoy. Diameter 6″ (Widest Point). Length 80″. Approx. Buoyancy: 40 lbs.

723610 (22140) **$76.95 F**



Mushroom Mooring Anchors

Mushroom Mooring Anchors

617705	(25A)	25#	**$35.95 H**
617708	(50MA)	50#	**$71.95 H**
617712	(75MA)	75#	**$107.95 H**
617716	(100MA)	100#	**$142.95 H**
617719	(150MA)	150#	**$214.95 H**
617723	(200MA)	200#	**$286.95 H**
617725	(250MA)	250#	**$357.95 H**
617729	(300MA)	300#	**$429.95 H**
617734	(400MA)	400#	**$584.95 H**
617739	(500MA)	500#	**$727.95 H**



Anchors Shipped F.O.B. from Norwich, Connecticut ONLY!

Special Handling May Apply

Weissenfels Hot Dipped Mooring Chain

620105	(013-100-043)	3/8″ x 200′	WLL*: 4,050 lbs.	**$1,495.95 L**
620117	(013-135-053)	1/2″ x 200′	WLL*: 6,900 lbs.	**$2,148.95 L**
620129	(013-166-063)	5/8″ x 164′	WLL*: 9,750 lbs.	**$3,347.95 L**
620131	(013-200-053)	3/4″ x 100′	WLL*: 11,000 lbs.	**$2,990.95 L**

*Never Exceed Working Load Limit



Special Handling May Apply

GENERAL ACCESSORIES

Boat Hooks, Rig Hooks and Push Pole



Marpac Telescoping Boat Hook

Perfect for docking, launching, mooring or retrieving. Easy to set up, it requires only a simple twist of the telescoping tubes to lock in position. Hook will not mar boat's finish. Guaranteed unbreakable hook made of noncorrosive Lexan. Adjusts 49" to 76".

7-0602 **$18.95 F 3Q**



Garelick Premium Telescoping Boat Hooks

Lightweight, durable aluminum is well balanced with maximum strength. Smooth telescoping twist lock with rolled tube edge for ease of use, comfort and maximum strength. Clear satin finish, premium grip. Hooks are permanently attached with unique formed dimple. High tensile anodized aluminum tube resists corrosion. Comfortable non-slip vinyl safety grip.

323357 (55170) Adjusts 3-1/2' to 8' **$35.95 F 2R**
323369 (55175) Adjusts 56" to 12' **$48.95 F 2R**



Garelick Standard Fixed Length Boat Hooks

Made of durable 1" diameter anodized aluminum. Two comfortable vinyl non-slip safety grips. Guaranteed unbreakable hook, noncorrosive, glass reinforced nylon, UV resistant.

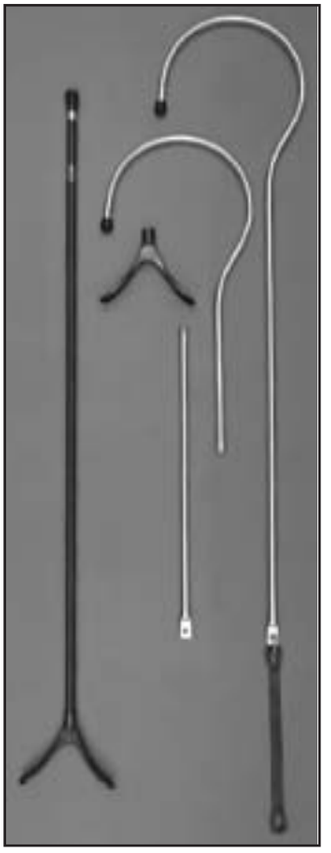
323307 (55006) Length 6' **$27.95 F 2R**
323319 (55008) Length 8' **$32.95 F 2R**



Heavy Duty Boat Hooks and Pike Poles

Heavy duty, commercial grade, boat hooks and pike poles. 1-1/2" aluminum handles.

341001	Aluminum Boat Hook	Length 8'	**$59.95 E**
341003	Aluminum Boat Hook	Length 12'	**$72.95 E**
341004	Aluminum Boat Hook	Length 16'	**$86.95 E**
327711	Aluminum Pike Pole	Length 14'	**$79.95 E**
327736	Aluminum Pike Pole	Length 18'	**$93.95 E**
327747	Aluminum Pike Pole	Length 20'	**$100.95 E**





O & H Manufacturing 1-Piece Aluminum Rig Hooks

342020 (NRH34) 3/4" x 10' Not UPS Able **$64.95 D**
342030 (NRHD) 1" x 12' Heavy Duty Not UPS Able **$107.95 D**

O & H Manufacturing 2-Piece Aluminum Rig Hook

342054 (NRHS34) 3/4" x 10' (UPS Ship) **$73.95 D**

O & H Manufacturing Duck Bill Attachment

342066 (DB100) **$16.95 H**

O & H Manufacturing 1-Piece Push Pole with Duck Bill

342078 (DBPP) 1-1/4" x 10' Not UPS Able **$93.95 H**



Perko Fig. 492 Boat Hook Holders

Stainless steel will accommodate poles up to 1-1/2" diameter and hold them firmly in place. 3-1/2" L x 1" W. Uses #6 fasteners. Sold per pair per skin packed card.

538922 (492 DP STS) **$11.95 H 10J**

Keelshield™ Keel Protector

Just Prep, Peel and Stick - No Down Time!











Keelshield™ Keel Protector
KeelShield brand keel protectors provide the strongest most durable protection for your hull. Protects your keel from abrasion, scratches and scars from concrete ramps, rocky shores, beaching, launching, loading and submerged objects. Made of DOW Urethane Polymers and the best 3M adhesive system avaiable. Works on fiberglass, most aluminum and most personal watercraft. You want the #1 keel protector than look for the KeelShield Gator. Made with pride in the USA.

482013 (KS-5BLK)	Black	Length 5′	**$128.95 F**
482014 (KS-5LGY)	Light Gray	Length 5′	**$128.95 F**
482016 (KS-5WHT)	White	Length 5′	**$128.95 F**
402019 (KS-6BLK)	Black	Length 6′	**$154.95 F**
482018 (KS-6LGY)	Light Gray	Length 6′	**$154.95 F**
482020 (KS-6WHT)	White	Length 6′	**$154.95 F**
482022 (KS-7BLK)	Black	Length 7′	**$180.95 F**
482024 (KS-7DGY)	Dark Gray	Length 7′	**$180.95 F**
482026 (KS-7LGY)	Light Gray	Length 7′	**$180.95 F**
482028 (KS-7WHT)	White	Length 7′	**$180.95 F**
482030 (KS-8BLK)	Black	Length 8′	**$206.95 F**
482034 (KS-8WHT)	White	Length 8′	**$206.95 F**

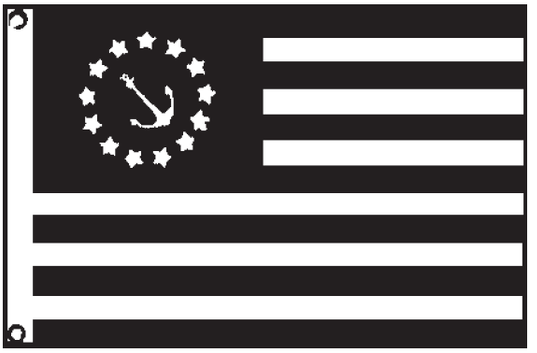
Hamby's Protector Beaching Bumpers



Hamby's Protector Beaching Bumpers
Beach your boat anywhere!

702606 Light Duty, White		Length 6′	**$213.95 F**
702608 Light Duty, Black		Length 6′	**$213.95 F**

N.A. Taylor U.S. Yacht Ensign



N.A. Taylor U.S. Yacht Ensign
Deluxe sewn nylon ensigns. Package in individual poly bags.

225272 (8118) Dimensions: 12" x 18" **$14.95 F**
225284 (8124) Dimensions: 16" x 24" **$18.95 F**
225309 (8136) Dimensions: 24" x 36" **$28.95 F**

N.A. Taylor United States Flags



N.A. Taylor United States Flags
Packaged in individual poly bags.

225347 (8418) Dimensions: 12" x 18" Embroidered **$16.95 F**
225359 (8424) Dimensions: 16" x 24" Embroidered **$19.95 F**
225361 (8430) Dimensions: 20" x 30" Embroidered **$21.95 F**
225373 (8436) Dimensions: 24" x 36" Embroidered **$28.95 F**
225385 (8460) Dimensions: 36" x 60" Embroidered **$39.95 F**
225401 (2424) Dimensions: 16″ x 24″ Printed **$13.95 F**
225386 (2418) Dimensions: 12″ x 18″ Printed **$8.95 F**

N.A. Taylor Bahamas Courtesy Flag



N.A. Taylor Bahamas Courtesy Flag
Perma-print dyed nylon with heavy white canvas heading and brass grommets.

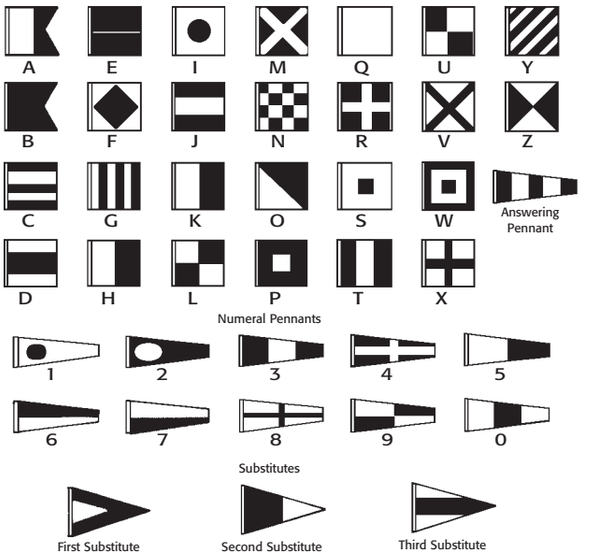
224525 (2018) Dimensions: 12" x 18" **$13.95 F**



N.A. Taylor Solid Color Nylon Flag - Yellow
Perma-print dyed nylon with reinforced nylon heading.

224701 (32185) Dimensions: 12" x 18" **$8.95 F**

International Code Of Signals



Annin International Code of Signals
Set of 40 flags with double-stitched seams. Finished with nylon rope distance lines, with ash toggles. This 40 flag set includes: 26 Alphabet Flags, 11 Pennants and 3 Substitutes. Made of 100% heavy weight nylon. Comes in a handy nylon storage bag. Flags are 12" x 18", Pennants are 8" x 24" & Substitutes are 8" x 16".

471390 (256000) **$449.89 G**
224656 (256100) Fuel Flag - 24" x 24" **$29.80 G**

Flags and Flag Accessories



Kwik Tek

Kwik Tek Skier Down Flag

Eliminates observer's elbow! The bright orange 420 denier nylon skier down flag is mounted to a 24" pole. Attaches to windshields or boat and personal watercraft finishes with Kwik Tek's giant 3-1/4" suction cup. Required in AZ, CA, CO, ID, MO, NE, NM, OR, TX, UT & WA. Recommended everywhere for safety. Patented.

586492 (SAF-1) **$6.95 F**

Kwik Tek



Kwik Tek Dive Flag

This rugged diver down flag is required by law in many states & recommended everywhere. Three grommets and a sleeve for poles provide lots of attachment options. A vinyl-coated stiffener keeps the flag open and visible in still conditions. Dimensions: 20" x 24".

586483 (F-2024) **$7.95 F**

Nylon Design Flags

Perma-print dyed nylon novelty flags. Sold each per poly bag.

224509	(142148)	Louisiana	Dimensions: 12" x 18"	**$14.95 G**
224662	(142150)	Louisiana	Dimensions: 2' x 3'	**$30.95 G**
224510	(142448)	Massachusetts	Dimensions: 12" x 18"	**$14.95 G**
224523	(2318)	Texas	Dimensions: 12" x 18"	**$15.95 F**
224600	(9118)	Cocktail	Dimensions: 12" x 18"	**$8.95 F**
224612	(9218)	Beer Aboard	Dimensions: 12" x 18"	**$8.95 F**
224624	(1818)	Jolly Roger	Dimensions: 12" x 18"	**$8.95 F**
224648	(32183)	Solid Red	Dimensions: 12" x 18"	**$8.95 F**
224524	(900462)	Solid Red	Dimensions: 24" x 36"	**$12.97 G**



Cocktail



Beer Aboard



Jolly Roger



MARINCO-AFi

A.F.I. Solid Teak Yacht Flag Poles with Ball

216057	(60748) Length 18"	Base 3/4"	**$17.95 F**
216069	(60750) Length 24"	Base 1"	**$20.95 F**
216071	(60752) Length 30"	Base 1"	**$23.95 F**
216083	(60754) Length 36"	Base 1-1/4"	**$30.95 F**
216095	(60756) Length 48"	Base 1-1/4"	**$40.95 F**
216108	(60758) Length 60"	Base 1-1/4"	**$55.95 F**

PERKO®



Perko Fig. 495 Flag Staffs

Chrome plated zinc base and top. Anodized aluminum tube. Eyes for flag halyard. Complete with rubber O-ring for firm fit in socket. Base OD 3/4". Sold each per poly bag.

539392 (495 DP2 CHR) Length 14" **$55.95 H**
539405 (495 DP3 CHR) Length 18" **$66.95 H**

PERKO®



Perko Fig. 1302 Clamp-On Flag Pole Socket

Chrome plated zinc. Black plastic knob. For rail sizes 3/4" to 1". Socket ID 3/4". Bracket dim.: 2" x 1-3/4". Sold each per skin packed card. Standard pack 5.

534227 (1302 DP CHR) **$44.95 H**

PERKO®



Perko Fig. 221 Upright Flag Pole Socket

Chrome plated bronze. Socket ID 1-1/4". Base OD 2-3/4". Overall height 2-1/8". Uses #8 fasteners. Sold each.

535786 (221 DP3 CHR) Stern Socket **$82.95 H**

Dock Products



N.A. Taylor Stickon Light

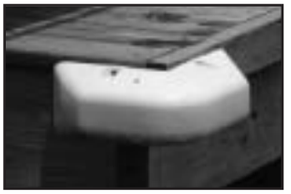
828270 (LSPWD) **$78.95 F**

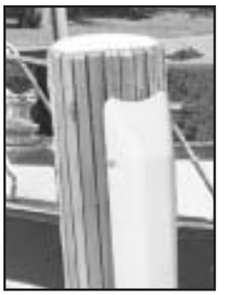
N.A. Taylor Solar Powered Dock Light

Solar powered light charges during the daylight hours and automatically turns on at dusk to alert boaters of hazards. Easily attaches to buoys, docks, moorings, or anything else that needs night time identification. Unit is constructed with a tough, waterproof (not submersible) plastic housing to keep the light working in all conditions.



828275 (46109) **$34.95 F**





N.A. Taylor Dock Pro™ Vinyl Dock Bumpers

Protects the side and top of the dock with 1-1/4" cushion above dock level. Made from the same tough marine grade vinyl as our fenders. Solid flaps attach easily to any dock. Superior cushioning protects boats and docks from each other. Color is permanently molded into the vinyl and will not transfer to the hull.

721527 (46081)	Corner Mount	10" x 10"	**$13.95 F**
721539 (46082)	Straight Mount	18"	**$14.95 F**



N.A. Taylor Dock Pro™ Heavy Duty Dock Bumpers

Taylor Made now offers the ultimate in versatile, durable docking protection! Doc Pro heavy-duty vinyl bumpers are ideal for rough conditions and can take a beating. Made from U.V. resistant, marine grade vinyl, they provide excellent protection for your boat and dock. Straight piece can be mounted horizontally, or the curved back side allows for vertical mounting on pilings. Corner piece provides superior impact protection on dock corners. Both bumpers have inflation valves for easy adjustment to desired firmness. Pre-drilled for easy, permanent mounting with plated fasteners.

722810 (45500)	Straight Mount	37" L x 4.5" W x 6" H	**$81.95 F**
722834 (45510)	Corner Mount	13.5" L x 6" W x 10.5" H	**$75.95 F**



N.A. Taylor Heavy Duty Rubber Dock Extrusion

These thick, pliable, abrasion-resistant rubber strips can be nailed along the edges of docks and pilings. Premium rubber material will not mar your boat, but is great for absorbing shock and protecting your hull.

721589 (96000)	2-1/4" W x 6' L	**$32.95 F**
721591 (96001)	3-1/2" W x 6' L	**$47.95 F**



N.A. Taylor Corner Guards

Made from the same great rubber material as our dock extrusion. Use with our dock strips for complete protection.

721616 (96008)	2-1/4" W x 6"	**$30.95 F**
721625 (96009)	3-1/2" W x 6"	**$33.95 F**



Taco Dock Bumper

Made of flexible white vinyl. This economical PVC bumper is easy to install and designed to protect boats against scraping and pounding against docks, sea wall and pilings. Height 3-1/2". Width 1-1/2". Length 25'.

750958 (V11-0948WHA) **$221.95 H**



N.A. Taylor Fender Board Guards

Attach these rubber cushions to both ends of a 2" x 4" to give you a padded fender board.

721630 (96011) **$25.95 F**

N.A. Taylor DockGard™ Fabric Dock Edging

N.A. Taylor DockGard™ Fabric Dock Edging

This versatile line of protective dock products are available in a wide array of bumper profiles and in shapes and configurations to suit most any application. The fabric covering is a tight knit, heavy duty polyester material that has high UV stability to protect against the sun's harmful rays. Dock Gards great abrasion resistance keeps your boat from being marred or scuffed. The interior foam is closed-cell PE; which means superior impact performance and very low water absorption. In addition, many models include a full backing section, made of LDPE that adds a slight degree of rigidity and provides for improved mounting strength at fastener areas. Dock Gard cleans easily with soap and water, installs quickly and easily, and is flexible yet strong.

722911	(99056)	Post Bumper Small Double	6″ x 1.25″ x 36″	**$37.95 F**
722935	(99058)	Post Bumper Medium	5″ x 1.75″ x 36″	**$31.95 F**
722947	(99059)	Post Bumper Medium	5″ x 1.75″ x 72″	**$47.95 F**
722973	(99062)	Post Bumper Large	6″ x 1.75″ x 72″	**$64.95 F**
722997	(99075)	Chafe Guard Small	Fits 3/8″ to 5/8″	**$14.95 F**
723002	(99076)	Chafe Guard Large	Fits 3/4″ to 1″	**$15.95 F**





N.A. Taylor Dock Pro™ Vinyl Dock Edging







N.A. Taylor Heavy Duty Double Molded Profiles

New double molded vinyl dock edging is molded twice then molecularly bonded for extra durability and protection. A tough inner core is surrounded with our soft white vinyl for extra cushion against tough docks. Each piece installs easily to the edges of dock piers or floats with screws or nails.

Small Edge Gard

721440	(46067)	10′ Straight	**$14.95 F**

C-Shape Gard

721426	(46053)	16′ Retail Pack	**$52.95 F**
721428	(46070)	8′ Straight	**$19.95 F**

Medium Edge Gard

721438	(46062)	10′ Straight	**$24.95 F**
721439	(46098)	25′ Coil	**$60.95 F**

P-Shape Gard

721464	(46071)	10′ Coil Retail	**$33.95 F**



N.A. Taylor Large Side Guard

Traditional vinyl profiles are solidly molded from vinyl especially formulated for softness and durability. Each piece installs easily to the edges of docks, piers or floats with screws or nails.

721490	(46080)	10′ Straight	**$37.95 F**



N.A. Taylor Large Edge Gard

Traditional vinyl profiles are solidly molded from vinyl especially formulated for softness and durability. Each piece installs easily to the edges of docks, piers or floats with screws or nails.

721541	(46085)	8′ Straight	**$35.95 F**

N.A. Taylor Commercial Grade Profiles

New to our line of heavy duty double molded PVC dock edging are (3) commercial grade profiles which have heavier wall sections to provide greater protection. Made from the same quality marine grade resins and with the same double molding process as our existing products. 10′ straight.

721542	(46030)	Side Gard		**$31.95 F**
721544	(46031)	P-Shape	Dim. 3-1/8″ H x 2″ W	**$24.95 F**
721546	(46032)	P-Shape	Dim. 3-5/8″ H x 2-3/8″ W	**$25.95 F**





N.A. Taylor Dock Products



N.A. Taylor Dock Cushions
White polyethylene foam provides superior cushioning from impact. UV protected foam material is maintenance free and non-marring. Designed for both horizontal and vertical applications, dock cushions are pre-drilled and permanently mount with plated fasteners.

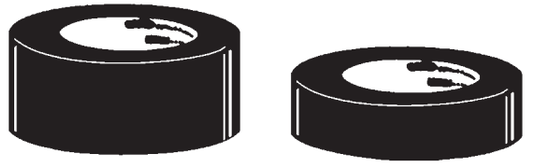
721488 (46078) 4" x 6" x 49" **$50.95 F**



Special Handling May Apply

N.A. Taylor StepSafe™ Dock Steps
Molded in durable U.V. resistant Polyethylene, our dock steps are offered in three different tread step models. On the top of each step, Taylor Made Products own StepSafe™ non-slip pad is adhered for additional slip protection while boarding. 1-1/2" wide flange provides adequate mounting surface for docks. Cleans easily with soap and water. Additional hand rails are available for two and three step models, sold separately.

723040	(47200)	Double Tread Step	**$138.95 F**
723041	(47300)	Triple Tread Step	**$198.95 F**
723076	(47301)	Triple Tread Hand Railing	**$83.95 F**



Jessup No-Slip Safety Rolls
Easy to apply, long wearing. Helps provide sure footing on any smooth surface. Sticks to fiberglass, wood, metal, canvas and all painted and varnished surfaces. Can be painted to match decks.

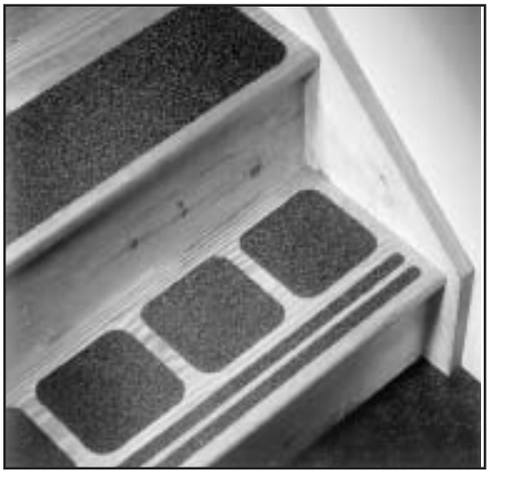
360468	(4100-1)	1" x 60'	White	**$26.95 F**
360521	(4100-4)	4" x 60'	White	**$84.95 F**
360444	(3510-1)	1" x 60'	Black	**$25.95 F**
360470	(3510-2)	2" x 60'	Black	**$46.95 F**
360507	(3510-4)	4" x 60'	Black	**$82.95 F**



N.A. Taylor Dock Pro™ Inflatable Dock Wheels
Smooth rolling wheels offers substantial dock cushioning and feature molded-in valves to adjust the level of firmness. Heavy duty hot-dipped galvanized hardware mounts securely to the dock. 12" and 18" wheels use a large 2" diameter axle housing for maximum strength. Corner mount.

721402	(1078)	Wheel Size: 9"	**$75.95 F**
722872	(1072)	Wheel Size: 12"	**$178.95 F**
722884	(1081)	Wheel Size: 18"	**$219.95 F**

Jessup Safety Track 3200 Coarse



Jessup Safety Track 3200 Coarse
Long life, durable, and resistant to heavy traffic, water, and grease. Provides a consistent coefficient of friction. Simply position, peel-off the backing paper, and apply to a clean, dry, oil free surface. Installs over most irregular surfaces. Helps prevents edge curl. Black.

461222	(3200-4)	4" x 60'	**$54.95 E**
461236	(3200-6)	6" x 60'	**$81.95 E**
461246	(3200-6)	6" x 24"	**$2.95 E**

TACO Universal Aluminum Trim

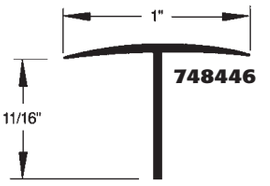


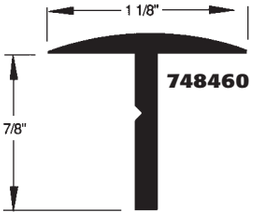
12' Lengths Ship via Truck

Special Handling May Apply

TACO Cockpit Coaming
Anodized finish. Drilled & countersunk for #5 screws on 6" centers. Length 12'.

748270 (A50-0275TAL) **$44.95 H**



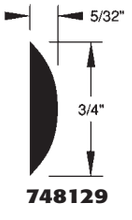


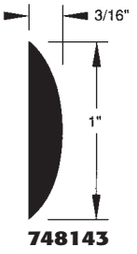
Special Handling May Apply

TACO Tees-Hatchcovers
Anodized finish. Length 12'.

748446 (A50-0305TAL) Height 5/8" Width 1" **$56.95 H**
748460 (A50-0304TAL) Height 3/4" Width 1-1/8" **$85.95 H**

TACO Aluminum Rub Rail - Shown Approximate Size

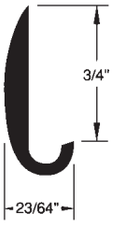




Special Handling May Apply

TACO Solid Half Oval Aluminum Moulding
Anodized finish. Drilled and countersunk on 6" centers. Length 12'.

748129 (A50-0195TAL) Screws #5 **$71.95 H**
748143 (A50-0197TAL) Screws #6 **$67.95 H**





Special Handling May Apply

TACO Overlap Rub Rail
Anodized finish. Drilled & countersunk on 6" centers. Screws #8. Length 12'.

748181 (A11-0151TAL) Height 3/4" Width 3/8" **$67.95 H**
748206 (A11-0152TAL) Height 1" Width 7/16" **$89.95 H**

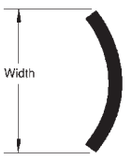


Note: Shown approximate size.

Special Handling May Apply

TACO Rigid Vinyl Rub Rail - Black
High impact rigid PVC can be drilled, countersunk and sawed as easily as wood, with standard wood working tools. Screws #8. Length 20'. Height 2". Width 3/4".

749741 (V21-0457BKA) **$220.95 H**





Ship Via Truck

Special Handling May Apply

TACO
Hollow Back Rub Rail - Stainless Steel
Type 304 marine grade stainless steel. It is buffed and polished. Drilled and countersunk on 6" centers. Length 12'.

747709 (S11-4510P12) Width 3/4" Screws #8 **$90.95 H**
747723 (S11-4650P12) Width 1" Screws #10 **$123.95 H**
747747 (S11-4670P12) Width 1-1/4" Screws #10 **$164.95 H**

TACO Rub Strake - Stainless Steel
Type 304 marine grade stainless steel. It is buffed and polished. Designed to prevent chafing of dock, fender and anchor lines. Width 3/4". Screws #8. Length 18".

747610 (S11-1700P18) **$23.95 H**



TACO Rub Rail Kits



TACO Rub Rail Kits

Easy to install. Kits include: Flexible black vinyl rub rail, insert, end caps, screws and installation guide. **Note: Refer to the illustrations below for correct shapes.**

DMI #	MFG #	Height	Width	Length	Insert Color	Price
751001	V11-0809BWK50-2	1-1/16"	11/16"	50'	White	**$222.95 F**
751013	V11-2423BBK50-2	1-7/8"	1-1/16"	50'	Black	**$381.95 F**
751025	V11-3447BWK50-2	1-1/4"	15/16"	50'	White	**$277.95 F**
751030	V11-3426BBK70-2	1-7/8"	1-3/8"	70'	Black	**$579.95 F**

Easy to install. Kits include: Semi-Rigid vinyl rub rail, end caps, screws and installation guide.

DMI #	MFG #	Height	Width	Length	Rub Rail Color	Price
751037	V11-4135BKA30-13	1-7/8"	3/4"	30'	Black	**$221.95 F**
751049	V11-4135WHA30-13	1-7/8"	3/4"	30'	White	**$232.95 F**

TACO Flexible Black Vinyl Rub Rails



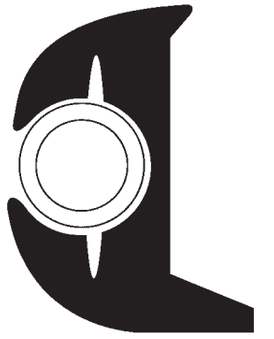
751037 or 751049



750302 or 751001



750340 or 751013



750376 or 751030



750326 or 751025

TACO Flexible Black Vinyl Rub Rails

Resists sun and sea damage, very rugged and durable. These rub rails are popular on bass boats, runabouts and open fisherman models. Can be used with either vinyl insert or rope. Screws #8.

750302 (V11-0809BKA) 50' Use #**750504** or 3/8" Rope **$182.95 H**
750326 (V11-3447BKA) 50' Use #**750542** or 1/2" Rope **$196.95 H**
750340 (V11-2423BKA) 70' Use #**750542** or 1/2" Rope **$549.95 H**
750376 (V11-3426BKA) 70' Use #**750580** or 3/4" Rope **$600.95 H**

Note: Items are shown approximate size.



TACO Flexible Vinyl Inserts for Vinyl Rub Rails



750530
750542



750504



750580

Note: Items are shown approximate size.

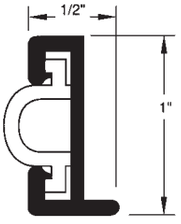
TACO Flexible Vinyl Inserts for Vinyl Rub Rails

750504 (V12-0810) White Length 50' **$58.95 H**
750530 (V12-0003) White Length 70' **$94.95 H**
750542 (V12-0003) Black Length 70' **$89.95 H**
750580 (V12-0005) Black Length 70' **$157.95 H**

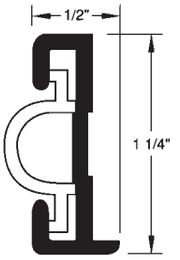
TACO Aluminum Rub Rails - Shown Approximate Size

TACO

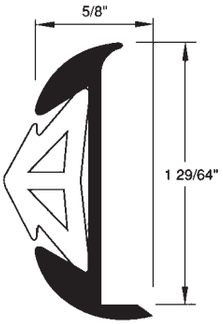
Ships via Truck



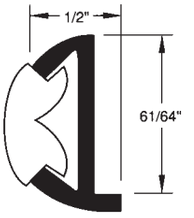
749020



749068



749157



749119

Vinyl Inserts Sold Below



Special Handling May Apply

TACO Aluminum Rub Rails for Use with Vinyl Inserts
Anodized finish. Drilled and countersunk for #8 screws on 6" centers.

749068 (A11-0317TAL) Length 12' Use Vinyl Insert V12-0317 **$76.95 H**
749119 (A11-0342BLY) Length 12' Use Vinyl Insert V12-0342 **$97.95 H**
749157 (A11-0638TAL) Length 12' Use Vinyl Insert V12-4144 **$94.95 H**

TACO Flexible Vinyl Inserts - Shown Approximate Size

TACO Flexible Vinyl Inserts for Rub Rails - Length 50'

749311 (V12-0317) Black For Rub Rail A11-0317 **$80.95 H**
749347 (V12-0334) Black For Rub Rail A11-0334 **$75.95 H**
749373 (V12-0338) Black For Rub Rail A11-0638 **$128.95 H**
749400 (V12-0342) Black For Rub Rail A11-0342 **$92.95 H**



TACO Rub Rail Splice Cap

TACO



TACO Rub Rail Splice Cap - Anodized Aluminum
Anodized aluminum. Caps flexible rub rail and insert to conceal splices. Prevents inset from sliding. Length 2-7/16". Width 1-5/8". For rub rail **749157** (A11-0638). Sold in pairs.

749690 (F90-0126TAL1) **$24.95 H**

TACO Rub Rail End Caps

TACO



TACO Rub Rail End Caps - Nylon
Durable black nylon. Caps rub rail to finish end of rail. Ensures inserts stay intact. Offers finished look. Screws #8. Sold in pairs.

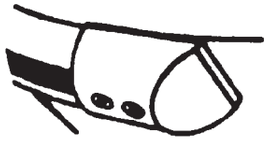
750718 (F90-0002BKN-1) For Rub Rail V11-3447 **$16.95 H**
750720 (F90-0001BKN-1) For Rub Rails V11-2423 & V11-3426 **$23.95 H**

T-H Marine End Cap

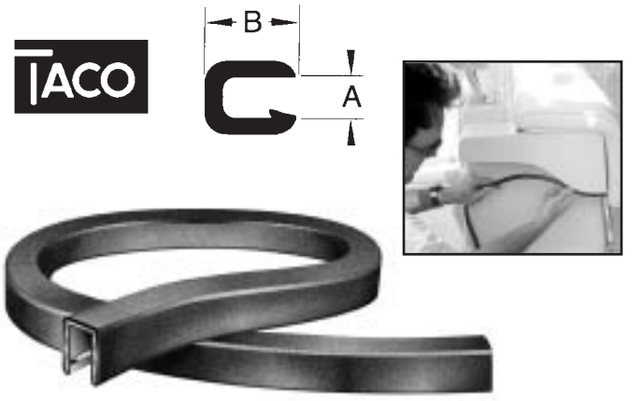
T-H Marine End Cap
These molded black plastic end caps add the finishing touch to your boat. Designed to fit both aluminum and rubber rub rail molding. This unit attaches with screw through the vinyl or rope trim to prevent trim from slipping out.

640064 (ECR-1) 1-1/2" Sold Per Pair **$6.95 H**

T-H Marine



TACO Flexible Vinyl Trim - Self Locking



TACO Flexilbe Vinyl Trim - Self Locking

Packaged 25' length per box. Caps any raw edge-fiberglass, metal, glass or plexiglass. Economical and easy to install. Internal aluminum clips secure trim and will resist corrosion. New Universal Trim Tips Brochure gives helpful info on: Possible Uses; Product Selection; Installation; Care & Maintenance.

DMI #	MFG #	Color	A	B	Price
623635	V30-1005B25-1	Black	3/16"	9/16"	**$62.95 H**
623636	V30-1005W25-1	White	3/16"	9/16"	**$62.95 H**
623637	V30-1008B25-1	Black	1/4"	1/2"	**$62.95 H**
623638	V30-1008W25-1	White	1/4"	1/2"	**$62.95 H**
623639	V30-1312B25-1	Black	3/8"	5/8"	**$72.95 H**

Standard Products Vinyl Trim - Self-Locking



Priced by the Foot Sold by 400' Roll

Standard Products Vinyl Trim - Self-Locking

All vinyl with a serrated aluminum reinforced self-locking insert. Just snap it on and it stays put. No rivets, no adhesive. Will bend into a 4" circle. Ideal for use on bottom of gas cans. Length 400'. **Note:** Priced by the foot. For cut lengths see above.

623643 (75000346) White **$1.95/ft. H**
623644 (75000348) Black **$0.95/ft. H**

3M Foam Tapes


855948


855936

3M VHB Acrylic Foam Tape

Excellent immediate tack and feature the highest peel strengths available in a pressure-sensitive system. 45 mil with treated paper liner. Primary applications are industrial assembly as an alternative to mechanical fasteners and liquid adhesives. White. 1" x 36 yds.

855936 (18092) **$120.95 H**

3M Double Coated Urethane Foam Tape

1/16" thick, open cell, urethane foam tape with an acrylic adhesive on both sides of the foam carrier. Used to bond irregular surfaces and good for gap filling. Holds up well under extreme cold or vibration. Off white color. 1" x 36 yds.

855948 (06455) **$63.95 H**

TACO Hatch Tape



TACO Hatch Tape

Medium Density Closed Cell Foam with self adhesive for convenient installation. Provides anti-rattle seal. Length 8'. Black.

751215 (V30-0744B8-2) Height 1/8" Width 3/4" **$11.95 H**
751227 (V30-0748B8-2) Height 1/4" Width 3/4" **$14.95 H**

Marpac 3" Self-Aligning Boat Registration Letters and Numbers

Complete Letter Kit for the Price of a Few Letters

NEW ITEM



Priced and Sold In Packs of 10 Only

Marpac Number and Letter Kits

Contains: 4 of each number and letter – plus 16 dashes! 3" tall block style. Ideal for boat registration and identification numbers. Great for adding vessel names to life ring buoys.

7-0780	White	**$9.95 H**
7-0782	Black	**$9.95 H**

Black self-aligning. Pressure sensitive mylar. Meets Coast Guard requirements. Handy peg board type display containing (408) 3" self-aligning mylar letters and numbers.

7-0786	A	**$6.95 H**	**7-0798**	M	**$6.95 H**	**7-0810**	Y	**$6.95 H**
7-0787	B	**$6.95 H**	**7-0799**	N	**$6.95 H**	**7-0811**	Z	**$6.95 H**
7-0788	C	**$6.95 H**	**7-0800**	O	**$6.95 H**	**7-0812**	1	**$6.95 H**
7-0789	D	**$6.95 H**	**7-0801**	P	**$6.95 H**	**7-0813**	2	**$6.95 H**
7-0790	E	**$6.95 H**	**7-0802**	Q	**$6.95 H**	**7-0814**	3	**$6.95 H**
7-0791	F	**$6.95 H**	**7-0803**	R	**$6.95 H**	**7-0815**	4	**$6.95 H**
7-0792	G	**$6.95 H**	**7-0804**	S	**$6.95 H**	**7-0816**	5	**$6.95 H**
7-0793	H	**$6.95 H**	**7-0805**	T	**$6.95 H**	**7-0817**	6	**$6.95 H**
7-0794	I	**$6.95 H**	**7-0806**	U	**$6.95 H**	**7-0818**	7	**$6.95 H**
7-0795	J	**$6.95 H**	**7-0807**	V	**$6.95 H**	**7-0819**	8	**$6.95 H**
7-0796	K	**$6.95 H**	**7-0808**	W	**$6.95 H**	**7-0820**	9	**$6.95 H**
7-0797	L	**$6.95 H**	**7-0809**	X	**$6.95 H**	**7-0800**	0	**$6.95 H**

Transfer Monogram 3" Pressure Sensitive Letters

TMC

ABCDE
KLMNO
123456

Black with no background, not self aligning. Meets requirements for registration numbers in most states. Priced and sold in packs of 10 only.

256049	A	**$6.95 H**	**256164**	M	**$6.95 H**	**256291**	Z	**$6.95 H**
256051	B	**$6.95 H**	**256176**	N	**$6.95 H**	**255960**	1	**$6.95 H**
256063	C	**$6.95 H**	**255958**	O	**$6.95 H**	**255972**	2	**$6.95 H**
256075	D	**$6.95 H**	**256190**	P	**$6.95 H**	**255984**	3	**$6.95 H**
256087	E	**$6.95 H**	**256215**	R	**$6.95 H**	**255996**	4	**$6.95 H**
256099	F	**$6.95 H**	**256227**	S	**$6.95 H**	**256001**	5	**$6.95 H**
256102	G	**$6.95 H**	**256239**	T	**$6.95 H**	**256013**	6	**$6.95 H**
256114	H	**$6.95 H**	**256241**	U	**$6.95 H**	**256025**	7	**$6.95 H**
256126	I	**$6.95 H**	**256253**	V	**$6.95 H**	**256037**	8	**$6.95 H**
256138	J	**$6.95 H**	**256265**	W	**$6.95 H**	**256013**	9	**$6.95 H**
256140	K	**$6.95 H**	**256277**	X	**$6.95 H**	**255958**	0	**$6.95 H**
256152	L	**$6.95 H**	**256289**	Y	**$6.95 H**	**254045**	Display	**$273.95 H**

Transfer Monogram 3" Gothic Style Letters

TMC



Pressure sensitive letters. Meets all requirements for registration numbers in most states. Style M-2 white letters on black background. Sold in packs of 10 only.

658748	A	**$6.95 H**	**658863**	M	**$6.95 H**	**658988**	Y	**$6.95 H**
658750	B	**$6.95 H**	**658875**	N	**$6.95 H**	**658990**	Z	**$6.95 H**
658762	C	**$6.95 H**	**658887**	O	**$6.95 H**	**658661**	1	**$6.95 H**
658774	D	**$6.95 H**	**658899**	P	**$6.95 H**	**658673**	2	**$6.95 H**
658786	E	**$6.95 H**	**658914**	R	**$6.95 H**	**658685**	3	**$6.95 H**
658798	F	**$6.95 H**	**658926**	S	**$6.95 H**	**658697**	4	**$6.95 H**
658801	G	**$6.95 H**	**658938**	T	**$6.95 H**	**658700**	5	**$6.95 H**
658813	H	**$6.95 H**	**658940**	U	**$6.95 H**	**658712**	6	**$6.95 H**
658825	I	**$6.95 H**	**658952**	V	**$6.95 H**	**658724**	7	**$6.95 H**
658837	J	**$6.95 H**	**658964**	W	**$6.95 H**	**658736**	8	**$6.95 H**
658849	K	**$6.95 H**	**658976**	X	**$6.95 H**	**658738**	9	**$6.95 H**
658851	L	**$6.95 H**				**658887**	0	**$6.95 H**

Transfer Monogram Let-R-Kits

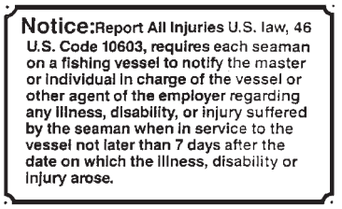


Transfer Monogram Let-R-Kits

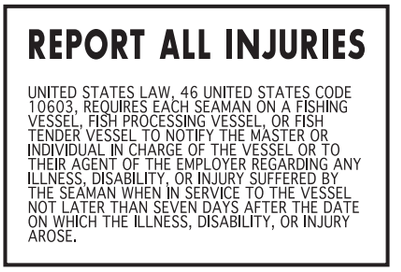
Waterproof. Just peel off backing and press on. Ideal for any lettering application. Contains 148 deluxe 3" numbers and letters. Four of each number and letter, dashes and periods included.

659273	(PWP-02)	Red with Black Fade Outline	**$23.95 H**
659275	(PWP-03)	Teal with Black Fade Outline	**$23.95 H**
659277	(PWP-05)	Light Blue with Black Fade Outline	**$23.95 H**
659279	(PWP-08)	Yellow with Purple Fade Outline	**$23.95 H**

Decals and Plaques



659373

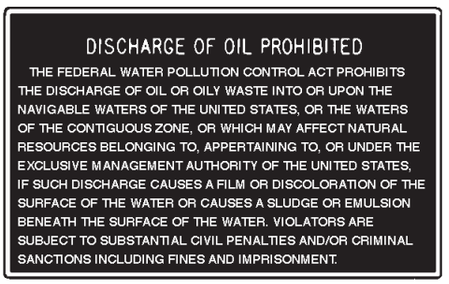


255952

Injury Decal and Plaque

Meets federal requirements on commercial vessels. Black on white background. Easy to apply. Adhesive backing.

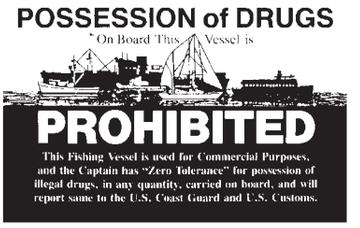
659373	(VS-1) Decal	Dimensions: 7-1/4" x 4-5/8"	**$4.95 H**
255952	(P-230) Plaque	Dimensions: 8-5/8" x 5-7/8"	**$9.95 G**



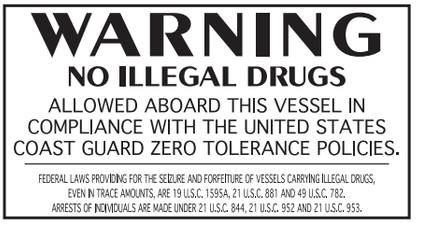
Engraving Oil Discharge Plaque

Meets federal standards. Required on all boats 26' and over with enclosed engine compartment. Easy to apply. Adhesive backing. Black background. Dimensions: 5" x 8".

255946 (P-204) **$6.95 G**



659372

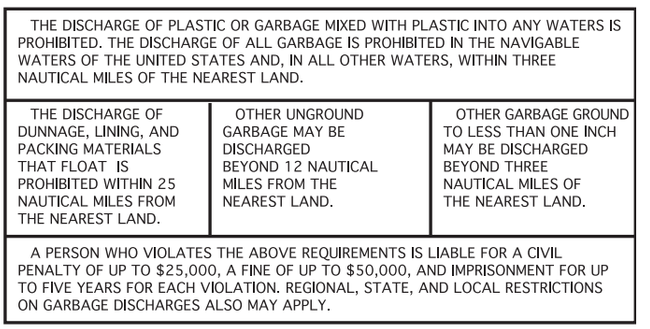


255949

Drug Decal and Plaque

Meets federal requirements on commercial vessels. Easy to apply. Adhesive backing.

659372	(PD-1) Decal	Dimensions: 8" x 5"	**$4.95 H**
255949	(P-229) Plaque	Dimensions: 6-3/4" x 4"	**$7.95 G**



Pollution Prevention Plaque

Meets federal standards. Required on all boats 26' to display overboard discharge laws. Easy to apply. Adhesive backing. Dimensions: 9-1/4" x 4-1/2".

255948 (P-227) **$7.95 G**

U-Line Ice Makers



705005



705010

U-Line Ice Makers

High performance along with energy efficiency and custom styling are the defining features of the U-Line family of ice makers. As developer and manufacturer of the world's first built-in undercounter ice maker, U-Line has always been at the forefront of the industry. There are more U-Line ice makers onboard boats and RV's than any other brand of ice maker in the world.

Makes lots of ice - fast! An abundant supply of ice cubes in an amazingly short time. Corrosive resistant components. Hinges and fasteners are stainless steel to resist corrosion. Requires no drain: Can be easily installed in any area. Needs only a 1/4" outside diameter water line connection. Conserves water: Makes over 20 lbs. of ice cubes daily from only 2-3/4 gallons of water. Field reversible door with zero clearance door swing.

Daily ice rate up to 23 lbs. Ice storage capacity up to 12 lbs. Conserves energy: Use less electricity than a 75-watt light bulb. Accepts a 1/4" flat or raised insert custom door panel. 1/2" wide mounting flange for easy mounting in surrounding cabinets.

705000 (BI-95BTP) **$999.95 D**

Daily ice rate up to 23 lbs. Ice storage capacity up to 12 lbs. Conserves energy: Use less electricity than a 75-watt light bulb. Field reversible door with zero clearance door swing. UV resistant components. Metal door frame and handle, and specially coated grille withstand adverse effects of the sun. 1/2" wide mounting flange for easy mounting in surrounding cabinets.

705005 (WH95TP) **$1,046.95 D**

Daily ice rate up to 25 lbs. Ice storage capacity up to 25 lbs. Accepts a 1/4" flat or raised insert custom door panel. Stainless steel cabinet and front door panel with black handle, door frame, and grille.

705010 (SS98) 12 lbs. Storage **$1,063.95 D**

705015 (SS97) 25 lbs. Storage **$1,199.95 D**

Icey-Tek Coolers



Special Handling May Apply

Icey-Tek Coolers

Components consist of a 100% A grade polyethylene external skin with a non staining, non odor absorbing, impact resistant food grade internal liner which all attributes to the boxes extended durability. Superior ice retention obtained by utilizing premium polyurethane insulation injected under pressure within wall cavities and lids. Ultra heavy duty self stopping lid hinges. Easy Grip integrated molded grab rails for ease of carrying. Innovative commercial grade skin protecting skids on bottom of all coolers. Recessed Anchoring Device for securing boxes in tie down situations. Lid Latches made from flexible, black thermoplastic elastomer material are enhanced with a variety of additional features and options to provide smooth trouble-free performance under real-world conditions.

170 Quart Cooler. Outside dimensions: 50.75" L x 20.5" W x 20.5" H. Inside dimensions: 44.25" L x 15" W x 15.25" H.

350002 (IT-170L) **$399.00 C**



Yeti Tundra Cooler

One piece roto-molded construction for durability. Filled with 2" of polyurethane foam to provide superior insulation. Freezer style sealing gasket to lock in the cold. Integrated tie-down capability for solid mounting. Strong rope handles with sure grip for an easy haul. Heavy-duty T-latches with molded-in keepers to fasten the lid securely closed. Recessed leak-proof drain plug. Lockable lid to keep the bears (or your friends) out! Dry goods rack. Constructed of food grade materials that are dry ice compatible. Non-slip/non-marking rubber feet to keep the cooler in place. Molded-in, full-length, self-stopping hinge, so you never have to replace a hinge again! Outer dimensions similar to other popular marine coolers, for an easy upgrade. Length 55". Width 22". Height 21-1/4".

481079 (YT250W) **$646.95 B**

Marpac Too Cool™ Ice Chests



marpac Premier

NEW ITEM

Marpac Too Cool™ Ice Chests

The Too Cool Ice Chest line has been engineered with outstanding thermal properties, durable construction and enough innovative hardware that make the entire line a degree above the competition. We're Taking Ice Chests to a Whole New Degree! Features: Industry leading ice retention. One piece roto-molded shell. High-impact seamless construction. 2" of polyurethane foam insulation. Unique built-in sealing gasket. Integrated heavy-duty hinges. Marine quality fittings. Positive lid latches, feature easy-twist lock and unlock. Leak-proof drain. Heavy-duty recessed handle. Non-slip, non-marking neoprene feet. Made of food grade materials. Dry ice compatible. Dry goods rack.

50 Quart. Exterior Dimensions at Top: 27-1/4" L x 18-1/2" W x 14" H. Exterior Dimensions at Bottom: 23-3/4" L x 15-3/4" W x 14" H. Interior Dimensions: 20-5/8" L x 12-5/8" W x 7-5/8" H. Weight When Empty: 22 lbs.

7-7050 **$226.95 B**

80 Quart. Exterior Dimensions at Top: 32-5/8" L x 18-1/2" W x 16-7/8" H. Exterior Dimensions at Bottom: 29-1/8" L x 15-5/8" W x 16-7/8" H. Interior Dimensions: 26-1/2" L x 12-5/8" W x 12-3/4" H. Weight When Empty: 28 lbs.

7-7080 **$269.95 B**

100 Quart. Exterior Dimensions at Top: 38-7/8" L x 18-1/2" W x 16-7/8" H. Exterior Dimensions at Bottom: 35-1/4" L x 15-3/8" W x 16-7/8" H. Interior Dimensions: 32-1/4" L x 12-7/8" W x 12-5/8" H. Weight When Empty: 34 lbs.

7-7100 **$332.95 B**

120 Quart. Exterior Dimensions at Top: 38-7/8" L x 18-1/2" W x 20" H. Exterior Dimensions at Bottom: 35-1/4" L x 15-1/2" W x 20" H. Interior Dimensions: 32-1/2" L x 12-3/4" W x 15-5/8" H. Weight When Empty: 35 lbs.

7-7120 **$383.95 B**

145 Quart. Exterior Dimensions at Top: 45" L x 20-1/8" W x 20" H. Exterior Dimensions at Bottom: 41-1/8" L x 16-3/4" W x 20" H. Interior Dimensions: 38-3/8" L x 14-5/8" W x 15-1/2" H. Weight When Empty: 42 lbs.

7-7145 **$448.95 B**

Moeller Ice Station Zero Ice Chests

MOELLER



Moeller Ice Station Zero Ice Chests

Resilient, FDA approved polyethylene won't absorb or transfer odors; no more "fishy" smells to worry about. Manufactured with high-impact, seamless, double-walled construction that withstands sitting, standing and environmental punishments, these portable coolers give you industrial strength cooling and storage where you need it. Exclusive molded polymer incorporates homogenous UV stabilized color throughout to ensure a constant, high, steadfast white. Each lid seal undergoes a stringent, twenty-four hour pressure fitting process to ensure the most solid and individually conforming seal possible. Cooler lid reduces heat leakage, staying securely closed with our long-lasting easy-grip latches. Features corrosive resistant, stainless steel hinges to withstand the elements. Stout rope handles allow for easier toting without taking up a lot of extra boat space. Dual drains are standard for simpler, hassle free cleaning.

481068	(43129)	94 qt.		**$284.95 F**
481070	(43126)	125 qt.	43" L x 19.25" W x 21.38" H	**$398.95 F**
481072	(43127)	170 qt.	51.75" L x 20.75" W x 21.38" H	**$469.95 F**
481074	(43128)	270 qt.	51.25" L x 22.5" W x 24.38" H	**$569.95 F**

Boatmates Pedestal Cooler



Boatmates Pedestal Cooler
Hook and loop straps keep cooler secure to seat pedestal, while non-skid feet prevent sliding across deck. Large capacity cooler holds 24 cans plus ice. Heat sealed thermal liner keeps beverages cold for up to 8 hours.

500976 (3208-4) **$35.95 G**

Inflatable Coolers



Airhead Aqua Oasis Inflatable Cooler
The insulated leak-proof nylon cooler lifts up from the inflatable base and has an adjustable shoulder strap. It keeps 12 cans or bottles and ice cold for hours. The 6 drink holders in the floating base are marked with numbers to help you and your friends keep track of your drinks. A molded plastic rope connector is sewn to the durable nylon cover for tying up to an AIRHEAD EZ RIDER, boats, docks, swim platforms or lounges.

596523 (AHAO-1) **$31.95 F**



SportsStuff 16 Quart Cooler
Keep your refreshments cool at the lake or pool and enjoy them without even leaving the water! Heavy PVC bladder, full circumference zippered lid, grommet for easy tie off, and handle for easy transportation.

601004 (40-1003) **$20.95 F**

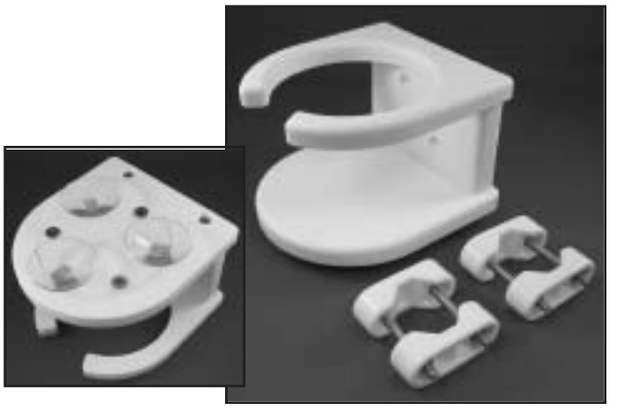
T-H Marine Cooler Mounting Kit



T-H Marine Cooler Mounting Kit
Includes four corner brackets and two hold down straps. The molded, UV resistant corner brackets have interior screw mounting holes to allow a flush mount against surfaces and to take up less deck space. The nylon bungee straps feature molded hooks and a stainless center hook for totally corrosion-proof mounting. Fits virtually all sizes.

639856 (CMK-1) **$19.95 H**

Drink Holders



Marpac Universal Mount Drink Holder
White polyethylene drink holder with suction cup mounting. Mounts on any smooth surface. Stainless steel fasteners. Can be used with or without huggers. Includes: Rail mount adapters.

7-0962 **$14.95 F 3Q**



7-0960 **7-0575**

Marpac Adjustable Drink Holders
Made of reinforced nylon with stainless steel springs and nickel plated brass rivets. Features: Pop-up adjustable arms to hold a variety of containers. Folds up when not in use.

7-0575 Black **$3.95 F 3Q**
7-0960 White **$3.95 F 3Q**



BoatMates Folding Drink Holder
304 polished stainless steel. Adjusts to the varying diameters of cans, cups, cozies and mugs. "coaster" on the inside of cover to keep containers from sliding. Stainless steel mounting hardware is included, along with nylon sound dampening washers. Dimensions: 4.5" L x 5" W x 1" D (folded).

501000 (2211) **$30.95 G**



T-H Marine Cup Holders
Made from super tuff poly material which resists sunlight, breakage and chemicals. A large diameter lip to provide a neat installation. Hose fitting on the bottom to accept 3/8" ID hose. Holds insulated or un-insulated cans and 16 oz. bottles. Dimensions are 3-1/8" deep, major body diameter is 3.770", top lip diameter is 4.2".

642264 (LCH-1) Black **$2.95 H**
642276 (LCH-1W) White **$2.95 H**



Marpac Drink Holder
Stainless steel. A large diameter lip to provide a neat installation. Hose fitting on the bottom to accept 3/8" ID hose. Holds insulated or un-insulated cans and 16 oz. bottles. Dimensions are 3-1/8" deep, major body diameter is 3.770", top lip diameter is 4.2".

7-0961 **$12.95 F 3Q**

Boatmates Caddies



Boatmates Trash Bagger
The perfect solution for keeping the cockpit or cabin ship shape, and trash out of the water. Easy to mount resin frame has a hinged cover to keep the contents from spilling out, and insects from creeping in. Quickly mounts on any smooth surface with three super suction cups, or can be permanently mounted with screws. Uses the typical supermarket "tee-shirt" bags, or kitchen trash bags. Use one for trash, and another for recyclables. Mounting instructions and bags included.

500973 (21321) **$9.95 G**



Boatmates Cockpit Organizer
Suction mounts on any smooth surface in cockpit or cabin, and holds fishing gear, binoculars, or personal items. Keeps baits, pliers, and fillet knife safe, and organized. Can be permanently mounted with screws. Mount one inside your dock box to hold small items that always find their way to the bottom!

500974 (21331) **$9.95 G**



One-Piece Knife and Pliers Holder
Made from UV stabilized, corrosion proof material. Holds 2 knives, pliers and up to 15 pieces of tackle. Includes stainless steel mounting screws. 4" W x 9" H x 2-1/4" D.

215865 (67607) **$19.95 F**



Boatmates Cruisin' Caddy
No place to stash stuff on your boat? No problem! This easy to mount organizer holds your favorite beverage, personal items, and even a couple of your favorite lures. Mounts either vertically, or on a flat surface. Great for small boats with limited cockpit storage.

500972 (21311) **$9.95 G**



BoatMates Cockpit Organizer
Fabricated from polished 304 grade stainless steel. This upscale organizer is great for fishing gear, binoculars and other personal items. Polished stainless looks great in the cabin or on deck. The upscale alternative to teak or poly-board organizers. Stainless mounting hardware included. Packed in clear sealed clamshell with four color graphics and mounting instructions. Size: 12.5"L x 4.5"W x 4.5"D.

501004 (22130) **$51.95 G**



BoatMates Knife and Pliers Caddy
Fabricated from 304 polished stainless with injection molded ABS inserts to keep tools protected. Stainless steel hardware included. Packed in clear sealed clamshell with four color graphics and mounting instructions. Size: 9"L x 4"W x 3"D.

501005 (22120) **$30.95 G**

BoatMates Largemouth Tool Tote



Boatmates Largemouth Tool Tote

Twenty outside pockets and eleven interior pockets provide plenty of room to organize tools and hardware. Widemouth zippered opening allows plenty of room to access power tools in roomy interior. Non-slip feet on bottom protect deck and keep bag from sliding. Reinforced seams and rigid bottom panel for years of use. Features padded handles, nylon hardware and self-repairing zipper with molded rubber pull. Shoulder strap included. Size: 16" L x 8.5" W x 12" D.

500975 (31439) **$26.95 G**

Boatmates Folding Hook Rack



Boatmates Folding Hook Rack

Large 16" wide rack is made from 304 polished stainless with protective silicone inserts around each hook opening. Spring-loaded hinge allows unit to fold flat when not in use. Rack holds up to 17 large baits. Dimensions: 16" x 3" x 3.25".

501009 (2215) **$30.95 G**



Boatmates Seat Pack

Large central pocket can hold foul weather gear, extra clothes of safety gear. Each smaller exterior pockets are sized to hold three 9" x 14" tackle trays (not included). Blue.

500977 (31354) **$56.95 G**

Davis Rigging Knife



Davis Rigging Knife

Made entirely of top quality stainless steel with dura-edged blades. Marline spike with shackle key and screwdriver.

323117 (1551) **$27.95 H**

Electric Fillet Knife



Electric Fillet Knife

Features an innovative fillet shaped blade for quick and easy filleting. The 8" fillet blade is made of corrosion resistant surgical stainless steel with a serrated cutting edge that stays sharp. A powerful motor for fast and consistent blade action is controlled by a convenient trigger with a lock for safety. Comes with a durable, impact resistant handle and an 8-foot power cord that plugs into any 110 volt power source.

476994 (31000) **$27.95 E**

Magma Bait/Filet Mate™ Serving/Cutting Table

Magma Bait/Filet Mate™ Serving/Cutting Table

They feature 2 filet knife holders and a handy receptacle for your fishing pliers. The slot at the back of the tables permits water drainage from the work surface. It is virtually indestructible and more practical and sanitary than wooden cutting boards. They do not absorb fish odor, will not crack or mildew and are maintenance free. They are made of the finest commercial cutting board material available, FDA approved and UV stabilized high-density polyethylene. All edges and corners are rounded for your safety.



689050 (T10-302) **$62.95 E**

Super Soft® Key Chains Assortment



Super Soft® Key Chains Assortment

Vinyl-coated, soft and they float. 24 count display. Oval key chain.

710132 (5492500) Yellow Only **$61.95 F**
710133 (5492600) Assorted Colors **$61.95 F**

Marpac Padlocks



Marpac Padlocks

Solid brass construction.

7-0020 1-1/4" **$5.95 F**
7-0022 1-1/2" **$8.95 F**
7-0023 1-1/2" Keyed Alike **$23.95 F**
7-0024 2" **$13.95 F**

Glove Boxes

attwood®



Attwood Sportline Glove Box

Made of durable, lightweight black plastic with brushed-chrome accent. Stainless steel hinge pins and locks with a marine locking latch. Door dimensions: 13-3/4" long x 5-1/2" high. Inside dimensions: 11-3/4" long x 4" high x 6-5/8" deep. Installation hole size: 12" long x 4-1/4" high.

237099 (2716-4) **$36.95 H 12K**

T-H Marine



T-H Marine Designer Series™ Glove Box - 7 x 14

4" deep. Same dimensions as HDS-0714 Hatch. Cam lock – holds lid securely. Positive lid seal for water tight fit. Stainless steel hinges. Hidden fasteners in frame. Polar White.

642278 (GDS4-0714-2) **$99.95 H**

Cabin Fans



Marpac Marine Cabin Fan
Weatherproof vinyl coated fan guard. Easy installation. Fixed or 90° "sweep" motion. 8 preset fan positions with adjustable tilt. 12 volt.

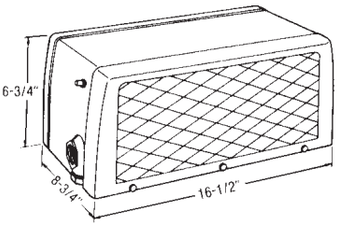
336493 **$23.95 F 3Q**

Guest Oscillating Cabin Fan
Designed for a really comfortable addition to cabin and galley. Keeps the air moving when it's hot or humid. Oscillates 120° horizontally or can be operated from a stationary position. Also features vertical adjustment and may be mounted vertically or horizontally. Highly efficient compact 12 volt motor is very quiet and draws only 1.2 amps. Three transparent blades and 7-1/2" vinyl coated guard.



379049 (900) **$123.95 H**

Hupp Deluxe Heater



Hupp Deluxe Heater
Simple, rugged and compact in design. Twin-fan heater draws cold air in from the rear of the heater; discharges warm air out the front. 3/4" pipe thread core connections provide choice of side or bottom water hose hookup. Bottom mounting holes. 33,000 btu/hr output. 340 CFM air capacity. 12 volt.

397655 (902H) **$572.95 H**
397665 12 Volt Motor Only **$86.95 E**

Barbeque Grill



Barbeque Grill
Burners operate: 14.1 or 16.4 oz. disposable propane cylinders. 9-1/4" x 17-1/4" x 11-1/4". 190 square-inch cooking area. 12,000 BTU single burner. Lava rock briquettes.

587360 (176) Aluminum Grill Base **$9.95 F**



Magma "Marine Kettle" Charcoal Grill
100% 18-9 mirror polished stainless steel. Attached grill and lid.
Attached, rotating adjustable cooking grill. Complete temperature control. Lower charcoal grate and sealed ash compartment.

688900 (A10-004) **$148.95 E**

Magma "Marine Kettle" Gas Grill
100% 18-9 mirror polished stainless steel. Newly designed, swiveling, windproof turbo venturi and control valve design. Burner and hi tech radiant plate heat distribution design. Design fully utilizes both radiant and convection cooking. Attached grill and lid. Combination "easy-to-clean" grease catch pan/wind baffle. Uses standard, disposable 1-lb. propane canisters or adapts to on-board LPG (propane) or CNG (Natural Gas) systems.

688910 (A10-205) **$207.95 E**



Magma Round Rail Mount
Fits standard round rails 7/8" or 1". Fits Marine Kettle.

689006 (A10-080) **$48.95 E**



Magma Pow'r Grip Fish Rod Holder Mount
Made of 18-8 stainless steel and durable all weather plastic, this vastly improved versatile mount fits most cylindrical type rod holders. It allows grills to mount in any direction from the rod holder. Its unique quick disconnect system allows instant installation or storage after use without tools.

689010 (A10-175) **$54.95 E**

Magma Gas Grills and Mounts



Magma "Newport" Gas Grill
100% 18-9 mirror polished stainless steel. Full size inner safety shell. Reliable piezo crystal ignition. Convenient snap-out dual radiant plate. 9" x 18" cooking grill. Oversized perfectly balanced lockable lid. Full-length handle. Swiveling valve regulator. Uses inexpensive disposable 1-lb. propane cylinders or adapts to on-board LPG (propane) or CNG (Natural Gas) systems.

688920 (A10-918) **$356.95 E**



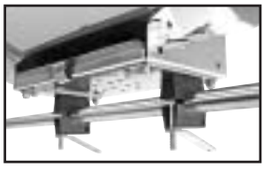
Magma "Monterey" Gas Grill
100% 18-9 mirror polished stainless steel. Full size inner safety shell. Reliable piezo crystal ignition. Convenient snap-out dual radiant plate. 12" x 24" cooking grill. Large upper grill. Easy to read all stainless steel hermetically sealed thermometer. Oversized perfectly balanced lockable lid. Full-length handle. Swiveling valve regulator. Uses standard, disposable 1-lb. propane canisters or adapts to on-board LPG (propane) or CNG (Natural Gas) systems.

688930 (A10-1225) **$534.95 E**



Magma Connoisseur Series™, ChefsMate™ Gas Grill
New "Fold-Away Legs" make these the perfect grills for use onboard the boat, at a tailgate party, at a picnic, camping, or at home. The first small stainless steel grills with fold away legs built to Magma quality standards. Finally "go anywhere" grills designed and built with Magma's meticulous attention to detail and performance standards. 9 x 18 in. grill area (162 sq. in.).

688915 (A10-803) **$247.95 E**



689040



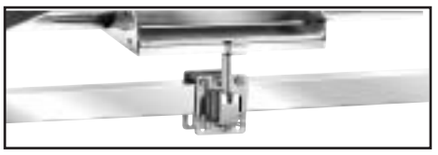
689045

Magma Horizontal Round Rail Mounts
Single horizontal round rail mount. Standard duty. Fits standard round rails 1". Fits Newport, Monterey, ChefsMate and all Magma tables.

689045 (T10-380) **$46.95 E**

Dual horizontal round rail mount. Heavy duty. Fits standard round rails 7/8" or 1". Fits Newport, Monterey, ChefsMate and all Magma tables.

689040 (T10-580) **$69.95 E**



Magma Side, Bulkhead or Square/Flat Rail Mount
Standard duty. This all 18-8 stainless steel mount attaches to flat surfaces such as bulkheads, hulls, transoms or cabin sides. Also mounts to square or flat rails. Fits horizontal rails up to 2-1/4" high by any depth or vertical rails up to 1-5/8" wide by any depth.

689030 (T10-340) **$46.95 E**

NEW ITEM



Magma Double Locking Stow-able Pedestal Mount
The Pedestal locks into the mounting base and the grill or table locks to the pedestal. The low-profile, threaded twist-lock surface mount base measure just 5/8" tall and 7' in diameter with a 5-3/4 " bolt pattern. Made of durable anodized aluminum with a brushed satin finish, it is perfect for swim platforms, boat decks, pontoon boats, or at home on the patio, balcony or deck. 28".

689020 (T10-185) **$88.95 E**



Magma "Levelock" All-Angle Fish-Rod Holder Mount
Heavy duty. Made of heat treated stainless steel and hard anodized aluminum, the quick release cam action lever allows instant leveling without tools. Fits most cross pin type rod holders. Folds flat for compact storage. While this Standard Mount is one of our strongest mounts, it's design has no lock mechanism and should be stowed with grill while underway. Fits Newport, Monterey, ChefsMate and all Magma tables.

689035 (T10-355) **$62.95 E**

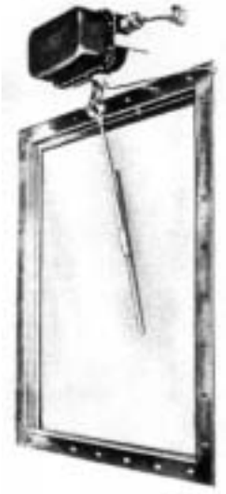
Windshield Wipers



Marpac Windshield Wiper

Stainless steel motor cover. Self-parking. Supplied with 11" arm and blade. 110° frame mount. 12 volt.

7-0447		**$57.95 F**
215017 (33002)	Replacement Arm	**$15.95 F**
215005 (33001)	Replacement Blade	**$11.95 F**



Pendulum Window Wiper

It is designed with the sole aim of producing a rugged and simple device to resist the severe conditions inherent in marine operations. All parts are made to withstand corrosion. Mounting arrangements are flexible. The motor housing can be located outboard to the window on any side or can be placed inside the bulkhead with the drive shaft extending through a packing gland. The unit is powered by a 1/25 h.p. 115 volt AC/DC motor. The standard accessories include a combination rheostat speed control and "off" switch in a totally-enclosed case.

Wiper arm assembly. Length 26".

473317 (KS-9400) **$214.95 B**

Wiper with control. Maximum arm length 20".

473316 (BD 721011-22) **$1,750.00 B**



Roca Pendulum Wiper Arms

Adjustable pendulum arms in two sizes from 12-24" with adjustable tip. Roca arms are constructed of high-density plastic and 304 stainless steel. They're easily adjusted in length to fit most windshields and can be mounted on Roca as well as many other brands of wiper motors. Innovative adjustable tip allows blade to be set at specific angles to the arm to maximize wiped area or to ensure park position parallel to window frame.

679416	(RC538718)	12.2" - 17.3"	**$45.95 H**
679417	(RC538724)	18.9" - 24.0"	**$49.95 H**



Exalto Combination Switches

Individual switches for a single wiper motor that offer low speed, high speed and variable intermittent operation. Push-button for wiper washing.

679414	(EX2158)	12 Volt	**$121.95 H**
679415	(EX2159)	24 Volt	**$140.95 H**







MARINCO-AFi

A.F.I. Waterproof Standard Wiper Kits - AFI-500

Kit includes: Waterproof wiper motor, 6-3/4" to 10-1/2" deluxe adjustable stainless steel arm and 11" deluxe stainless steel curved blade. For external use in open cockpit boats. Waterproof housing made of UV stablized, high-temperature, high impact thermoplastic. Motor has a 2-1/2" shaft length, with a 1/2" shaft diameter. Windshield frame mount installation. Adjustable right or left self-parking. Maximum current draw: 2 amps. 12 volt.

215144	(30004) 80° Sweep	**$168.95 F**
215168	(30005) 110° Sweep	**$168.95 F**

MARINCO-AFi



A.F.I. Standard Adjustable Arm

Adjusts from 7-1/2" to 12". Stainless steel construction. Use with blades **215005** (33001) and **215043** (33019). Use only with standard blades - not for use with deluxe blades. For use only with AFI-500, STD and WMW motors.

215017 (33002) **$15.95 F**

MARINCO-AFi



A.F.I. Standard Straight Blades

Standard straight blade. Stainless steel frame, marine grade squeegee. Can only be used with standard style arms, cannot be used with deluxe arms.

215005	(33001) 11"	**$11.95 F**
215043	(33019) 14"	**$12.95 F**



Roca Wiper Blades

Blades from 11" to 24" designed to fit Roca wiper arms, as well as AFI/Marinco and Ongaro arms. Easy to mount. Assorted blade attachment clips included. Powder-coated steel. Durable rubber insert.

679418	(RC520912)	12"	**$10.95 H**
679419	(RC520914)	14"	**$12.95 H**
679420	(RC520918)	18"	**$16.95 H**
679421	(RC520922)	22"	**$20.95 H**

WWF Marine Electric Windshield Wipers



WWF Marine Electric Windshield Wipers

Provides a totally self-contained oscillating shaft requiring no external linkage. All parts are corrosion resistant. 55 to 65 strokes per minute. They have a 5/8" diameter stainless steel mounting stud, 2" or 3" in length. All parts are O-ring sealed. Wipe angle is adjustable to 85°, 100°, 110° or 120°. Comes in a black case. Order motor, arm and blade separately.

679413	(RC24991)	12 volt	2" Stud	**$161.95 H**
679451	(RC24992)	24 volt	2" Stud	**$161.95 H**
679425	(RC525971)	12 volt	3" Stud	**$178.95 H**

Wiper Arm Blades. Use with **679502** Adjustable Arm.

679487	(BD 721020-12)	12" Blade	**$21.95 H**
679499	(BD 721020-14)	14" Blade	**$28.95 H**

Wiper Arm Blades. Use with **679505** or **679506** Adjustable Arms.

679510	(BD 721011-14)	14" H/D Blade	**$9.95 H**
679515	(BD 721011-18)	18" H/D Blade	**$10.95 H**
679520	(BD 721011-22)	22" H/D Blade	**$12.95 H**

Adjustable Arms.

679502	(LE 721156)	Adjustable Arm	**$40.95 H**
679505	(LE 581022-1)	Adj. H/D Arm, 11" to 15"	**$35.95 H**
679506	(LE 581022-2)	Adj. H/D Arm, 15" to 19"	**$36.95 H**
679653	(GP581003-1S)	Small Parts Kit for WWF Wiper	**$5.95 E**

Trico Windshield Wipers and Accessories



Trico Air Pressure Windshield Wiper Power Units

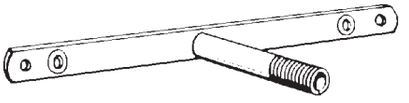
90° stroke, automatically parks on left side. Low air consumption, oil impregnated bronze bushings, molded piston packing for greater air seal and maximum power.

662797	(FPDP-60L)	60° Sweep	**$314.95 H**
662812	(FPDP-80L)	80° Sweep	**$314.95 H**
662824	(FPDP-90L)	90° Sweep	**$314.95 H**



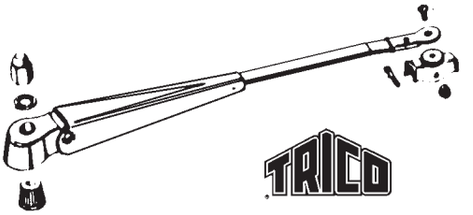
Trico Model JF-1376 Flat Taper Shafts

662874	(JF-1376-76K)	Length 5-7/16"	**$39.15 H**
662886	(JF-1376-107K)	Length 6-11/16"	**$38.95 H**
662850	(JF-1376-12K)	Length 8-7/16"	**$39.15 H**
662862	(SP4080)	Shaft Kit	**$37.95 E**



Trico Model JF-1043 Plate and Bushing Assemblies

662735	(JF-1043-2J)	Stud Length 5/8"	**$48.99 H**
662747	(JF-1043-6J)	Stud Length 1-7/8"	**$50.95 H**
662711	(JF-1043-12J)	Stud Length 3-1/4"	**$50.95 H**



Trico 73 Series Adjustable Wiper Arm

73 Series heavy duty adjustable wiper arms have a silver finish and feature an adjustable saddle and arm length. Adjustable from 14" to 18". Includes adjustable saddle to hold blade, cap nut, washer and knurled driver for attachment to flat taper shaft. Standard pack 5.

662709 (73-300) **$34.25 H**



Trico 61 Series Blades for Flat Windshields

Adapter included. Standard pack 5.

662898	(61-180)	18"	**$14.30 H**
662901	(61-210)	21"	**$14.50 H**

Trico Air Pressure Wiper Control for FPDP Motor

662925 (75470-2NS) 1/4" Fittings **$75.00 G**

Trico Replacement Rainshield Boot

662962 (82799) **$6.00 E**

N.A. Taylor Stow 'n Go Dock Boxes



Gas shocks come standard on all models



Heavy duty stainless steel lockable latch and hinges



Stow 'n Go Interior



Special Handling May Apply

N.A. Taylor Stow 'n Go Dock Boxes

These fiberglass dock boxes are built tough. With a UV gelcoat finish and the stainless steel lockable latch and hardware these are sure to hold up in the harshest marine environments. Our dock boxes incorporate gas shock lifts, which comes standard on all models. These shocks help to free your lid open on rocking docks and in higher wind areas and allows for a slower, more controlled closing. These fiberglass molded dock boxes are also constructed with a smooth interior finish which helps prevent splinters in your hands when storing or retrieving your boating accessories.

224556 (83562)	Dimensions: 24" H x 54" W x 22" D	**$605.95 D**
224555 (83552)	Dimensions: 24" H x 72" W x 23" D	**$687.95 D**
255415 (83553)	Dimensions: 27" H x 46" W x 26" D	**$562.95 D**
224553 (83554)	Dimensions: 27" H x 72" W x 26" D	**$857.95 D**
224554 (83550)	Dimensions: 18" H x 48" W x 20" D	**$468.95 D**

N.A. Taylor Dock Pro Dock Cart

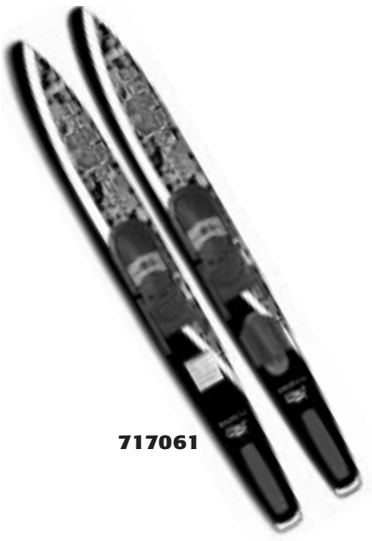


N.A. Taylor Dock Pro Dock Cart

Curved handle design reduces bending-over, making the Dock Pro dock cart easier to handle than conventional carts, while the unique angled tub feature provides better leg clearance for maneuvering. Features a spacious 7 cu. ft. heavy wall roto-molded poly-tub that will not rust or rot. Zinc coated corrosion resistant hardware used throughout. Plastic rim wheels with roller bearings will stand up to the harshest marine environment. Weight Capacity: 300 lbs.

224562 (1070)	20" Pneumatic Wheel	**$287.95 F**

Hydroslide Ski Combos


717061


717073


717085

Hydroslide Ski Combos

717061	(HS-357)	59″ Jr. Combo	Red/White	**$131.95 E**
717073	(HS-457)	66″ Adult Combo	Green/White	**$131.95 E**
717085	(HS-507)	67″ Deluxe Combo	Gray/White	**$141.95 E**

World Industries “Grim” Water Ski Combo



NEW ITEM

World Industries “Grim” Water Ski Combo

This pair of combo skis is perfect for skiers who need a stable ride and want to advance their skills. The 67″ rim molded water skis are designed to accommodate many different skill levels. Wide tails and tunnel shaped bottoms provide the ultimate balance of performance, control, stability and smooth tracking turns. The composite construction and fiberglass reinforced nylon fins ensure years of service. Dual density slide-type adjustable bindings fit sizes 5 to 12.

596920 (WIS-1) **$162.95 F**

Hydroslide Trainer Skis



Hydroslide Pro Star Trainer Skis
48" wood trainer skis, U.V. litho graphics and 1" rudders. Comes with comfortable single density slide bindings, padded inserts and includes 45' dual handle tow rope and removable training crossbar which distributes tension equally to the skier and skis to improve balance.

717000 (N-6407) **$76.95 E**



Hydroslide Rim Trainer Skis
45" Rim molded training system utilizes the crossbar at the tips to distribute tension equally to the skier and the skis. Double handle ropes adjust for better balance. Cool Hobie da Cat sublimated graphics.

717059 (HS-1455) **$127.95 E**

World Industries "Mad Scientist" Trainer Skis

NEW ITEM



World Industries "Mad Scientist" Trainer Skis
Poor Wet Willy! Flameboy is cooking him in this lab! Aside from the amusing graphics, kids will learn how to deep water start and the basics of water skiing quickly and easily. These skis feature an extra wide profile, parabolic side cut, tapered tail and comfortable adjustable bindings. The stabilizer bar keeps the 47" long skis steady while the student is learning to ski. Fiberglass reinforced nylon rubbers increase stability and tracking. They're designed for skiers under 100 lbs. The adjustable bindings fit child size 12 to adult size 5.

596922 (WIST-1) **$90.95 E**

Hydroslide Wakeboard Kits

From Beginner to Pro. All boards are built with Polyurethane cores and covered with PBT tops and bottoms.



Hydroslide Black Widow Wakeboard Kits

716987 (WBB-76K1) Includes: Hold-Um Binding **$207.95 E**
716988 (WBB-76K2) Includes: Deluxe Chaser Binding **$190.95 E**
716989 (WBB-76K3) Includes: Grabber Binding **$177.95 E**



Hydroslide Backdraft Wakeboard Kits

716980 (WBB-16K1) Includes: Deluxe Chaser Binding **$190.95 E**
716981 (WBB-16K2) Includes: Grabber Binding **$178.95 E**



Hydroslide Evil Element Wakeboard Kit

716983 (WBB-126K) Includes: Ultimate Binding **$239.95 E**



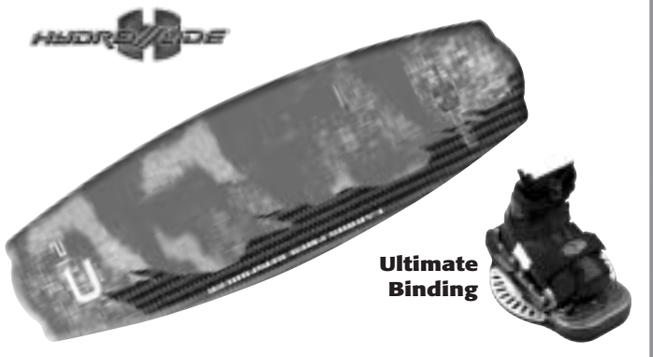
Hydroslide Matrix Wakeboard Kits

716984 (WBB-106K) Includes: Hold-Um Binding **$212.95 E**
716985 (WBB-106K2) Includes: Deluxe Chaser Binding **$195.95 E**



Hydroslide Tantrum Wakeboard Kit

716986 (WBB-96K) Includes: Deluxe Chaser Binding **$195.95 E**

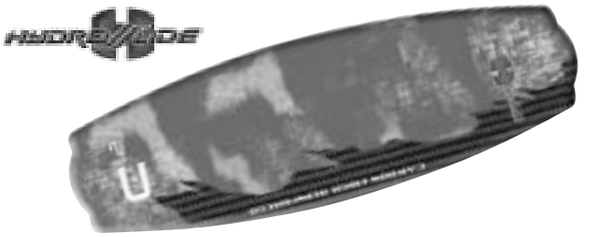


Hydroslide Carbon 12 Wakeboard Kit

716982 (WBB-146K) Includes: Ultimate Binding **$260.95 E**

Hydroslide Wakeboards (Only)

From Beginner to Pro. All boards are built with Polyurethane cores and covered with PBT tops and bottoms.



Hydroslide Carbon 12 Wakeboard

Carbon reinforced bat tail design, is stiff enough to take anything you throw at it. Continuous rocker design gives the perfect balance soft landings and "pop" off the wake. Ultimate binding has a 3 point adjustable, split toe design for a firm, yet comfortable feel. Fits Men's size 5-12. 139 cm. Made in USA.

717668 (WBB-1416) **$169.95 E**



Hydroslide Evil Element Wakeboard

Fiberglass reinforced bat-tail, six fin design allows rider to leave all fins in for a ride that is tight and quick, or remove the center fins from each end for more freestyle riding. Ultimate binding has a 3 point adjustable, split toe design for a firm, yet comfortable feel. Fits Men's size 5-12. 139 cm. Made in USA.

717669 (WBB-1216) **$148.95 E**



Hydroslide Matrix Wakeboard

You cannot possibly know how fun the Matrix is to ride until you have experienced it. Wide stable design with continuous rocker accommodates riders over 125 lbs. Hold Um bindings with a 3 point adjustment system, provides a custom fit for Men's size 5-12. 136cm. Made in USA.

717770 (WBB-1018) **$132.95 E**



Hydroslide Tantrum Wakeboard

Rounded tip and tail section make this board forgiving during jumps and easy to get up on. Wide stable design with continuous rocker accommodates riders over 125 lbs. Lace up Chaser bindings provide a firm fit as you begin to nail your wake to wakes and 180's. Chaser bindings fit Men's size 5-12. 136cm. Made in USA.

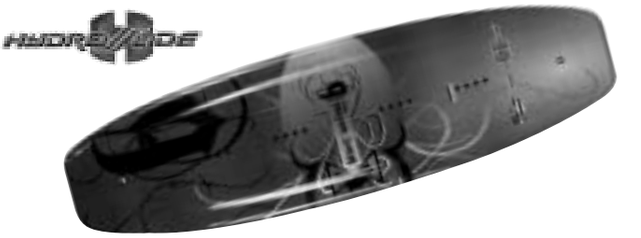
717771 (WBB-916) **$132.95 E**



Hydroslide Backdraft Wakeboard

With is fiery graphics, and sharp design, the Backdraft really makes a statement, even before you hit the water. Universal fit Grabber Bindings give good ride control, and are easy to take on and off while in the water. Quad channel bottom with two fin design make this board stable and easy to get up on, while still leaving room to learn new tricks. 142cm. Made in USA.

717772 (WBB-818) **$127.95 E**



Hydroslide Black Widow Wakeboard

The Black Widow from Hydroslide includes Lace up Chaser bindings provide a firm fit as you begin to nail your wake to wakes and 180's. Quad channel bottom with two fin design make this board stable and easy to get up on, while still leaving room to learn new tricks. 142cm. Made in USA.

717773 (WBB-718) **$127.95 E**



Hydroslide 180° Wakeboard

This Hydroslide Jr. Wakeboard is the perfect solution for getting anyone under 125 lbs into the sport of wakeboarding. Universal fit Grabber Bindings give good ride control, and are easy to take on and off while in the water. Oval design is very forgiving and easy to turn. Wide mid section provides a very stable platform to learn on. 122cm. Made in USA.

717776 (WB-617) **$172.95 E**

Airhead Wakeboards (Only)



Airhead 24/7 Carbon Wakeboard

Experienced riders will enjoy the lightning quick response of our stiff 24/7 carbon fiber reinforced wakeboard. This board turns quicker and holds a harder edge than our non-carbon reinforced boards. 24/7 is designed for intermediate to expert riders weighing 150 lbs. and up. The 6 fin dual thruster setup provides ultimate hold and tracking. Riders stay on edge, get more speed into the wake and stomp landings without slipping out. The removable center fins provide tracking. The side fins are curved and angle outwards at 11 degrees to provide extra edge hold and a loose feel in neutral. The continuous rocker is fast and forgiving with smooth pop.

589259 (AHW-8) **$199.95 F**



World Industries Devil's Crest Wakeboard

Our top of the line 141cm World Industries wakeboard, DEVIL'S CREST has a 6 fin dual thruster setup that provides the ultimate in hold and tracking. Riders stay on edge, get more speed into the wake and stomp landings without slipping out. The removable center fins provide tracking. The side fins are curved and angle outwards at 11 degrees to provide extra edge hold and a loose feel in neutral. The continuous rocker is fast and forgiving with smooth pop. It's a great board for intermediate to expert riders weighing 150 lbs. and up.

596902 (WIW-5010) **$182.95 F**



Airhead Rockability Wakeboard

ROCKABILLY is designed for intermediate to expert riders weighing 150 lbs. and up. The 6 fin dual thruster setup provides ultimate hold and tracking. Riders stay on edge, get more speed into the wake and stomp landings without slipping out. The removable center fins provide tracking. The side fins are curved and angle outwards at 11 degrees to provide extra edge hold and a loose feel in neutral. The continuous rocker is fast and forgiving with smooth pop.

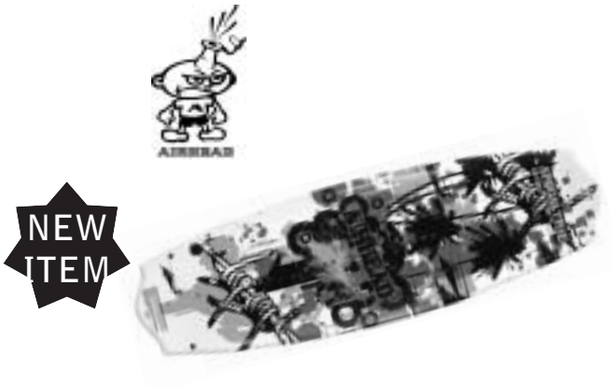
596910 (AHW-5010) **$180.95 F**



World Industries Stick-O-Rama Wakeboard

Create your own street action in the "hood" on WORLD INDUSTRIES' STICK-O-RAMA wakeboard! The wakeboard is basically an inner city background that you decorate with the stickers provided. Flameboy, Wet Willy and Devilman are making trouble and the piggy police are frantically trying to restore law and order! If you want smooth transition through turns and a consistent pop off the wake, this board is for you. The rounded end profile and beveled perimeter provide a forgiving and consistent release off the wake. Riders of all levels will enjoy the floaty nature of this 135cm free-ride wakeboard. Designed for riders up to 170 lbs., 2 removable fiberglass reinforced nylon fins provide excellent tracking.

596900 (WIW-2010) **$171.95 F**

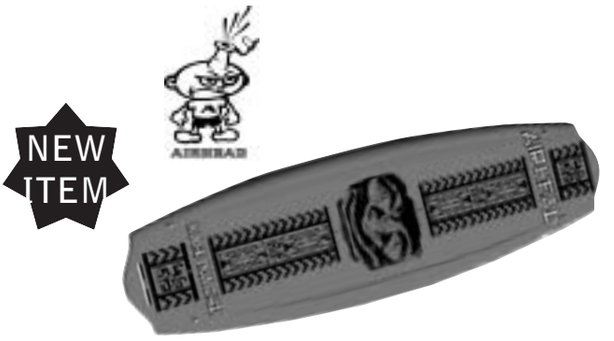


Airhead Apocalypse Wakeboard

APOCALYPSE is designed for intermediate to expert riders weighing 90 -170 lbs. The 6 fin dual thruster setup provides the ultimate in hold and tracking. Stay on edge, get more speed into the wake and stomp landings without slipping out. The removable center fins provide tracking. The side fins are curved and angle outwards at 11 degrees to provide extra edge hold and a loose feel in neutral. The continuous rocker is fast and forgiving with smooth pop.

596906 (AHW-4010) **$171.95 F**

Airhead Wakeboards (Only)



Airhead Kahuna Wakeboard

KAHUNA's graphics were inspired by the awesome stone statues of Easter Island. KAHUNA is designed for intermediate to expert riders weighing 150 lbs. and up. The 6 fin dual thruster setup provides ultimate hold and tracking. Riders stay on edge, get more speed into the wake and stomp landings without slipping out. The removable center fins provide tracking. The side fins are curved and angle outwards at 11 degrees to provide extra edge hold and a loose feel in neutral. The continuous rocker is fast and forgiving with smooth pop.

596908 (AHW-5) **$161.95 F**



Airhead Bonehead II Wakeboard

BONEHEAD II is 124cm long, perfect for youth riders up to 130 lbs.. It's a lightweight twin tip free-ride wakeboard designed to help youth riders of all levels improve their skills. The continuous rocker is fast and forgiving with smooth pop. Performance and durability are packed into this price point board. The RIM core has a PBT top with sublimated graphics. Two removable fiberglass reinforced nylon fins provide excellent tracking and carving. Kids love the skull graphics!

596904 (AHW-1010) **$153.95 F**



World Industries Checks Wakeboard

Flameboy is "Still Raisin Hell" with a little pyromania on this board! CHECKS is designed for riders looking for smooth transition through turns and a consistent pop off the wake. The rounded end profile and beveled perimeter provide a forgiving and consistent release off the wake. Riders of all levels will enjoy the floaty nature of this 135cm free-ride wakeboard. Designed for riders up to 170 lbs., 2 removable fiberglass reinforced nylon fins provide excellent tracking.

589272 (WIW-2) **$171.95 F**



World Industries Battle Wakeboard

Flame Boy and Wet Willy are going at it again; this time with nunchucks and a flail! BATTLE is designed for youth riders of all levels weighing up to 130 lbs. This 124cm lightweight twin tip free-ride wakeboard will help riders excel at the sport. The continuous rocker is fast and forgiving with smooth pop. Performance and durability are packed into this price point board. It's RIM molded with a PU core, fiberglass reinforcement, PBT top and sublimated graphics. Two removable fiberglass reinforced nylon fins provide excellent tracking and carving.

589260 (WIW-1) **$160.95 F**

TACO Clamp-On Aluminum Wakeboard Rack



TACO Clamp-On Aluminum Wakeboard Rack

Anodized aluminum wakeboard rack with brushed finish. Lightweight, wakeboard racks fit pipe commonly found on most ski arches. Clamp-on feature allows wakeboarders the freedom to install as needed to fit board length and position on the arch. Integrated bungee cord and cushion fingers safely secure wakeboards in place.

444002 (F36-7004BXY-1) **$133.95 E**

Wakeboard Bindings



Hydroslide Ultimate Binding
717606 (B-85) **$95.95 E**



Hydroslide Hold-Um Binding
717617 (B-82) **$84.95 E**



Hydroslide Deluxe Chaser Binding
717708 (B-81) **$66.95 E**



Hydroslide Grabber Binding
717605 (B-80) **$52.95 E**

NEW ITEM



Airhead Grab Youth Binding
GRAB is our top of the line high wrap youth wakeboard binding. Beginners through experts will enjoy the one cinch adjustability that this front entry lace-up binding provides. GRAB has the comfort and fit that allows youth riders to progress quickly. The POWER STRAP provides additional lower leg support for more power in turns. Fits all wakeboards. Fits kid's size 13 to men's size 8.

596912 (AHB-5) **$72.95 F**

NEW ITEM



Airhead Grind Adult Binding
GRIND is a versatile option for a wide range of foot sizes and riding abilities. You'll love the one cinch adjustability of the front-entry lace-up design. A simple pull on the laces and you're ready to go. GRIND is very comfortable and user friendly, offering the fit and support to allow riders to progress quickly. It's a great binding for the whole family, fitting men's size 8 – 12.

596914 (AHB-6) **$74.95 F**

NEW ITEM



Airhead Clutch Binding
CLUTCH is AIRHEAD's most supportive binding, designed for demanding riders. A great fit without pressure points is guaranteed by the upper and lower double cinch lace-up system, 5 independent lace eyelets and adjustable toe strap. The orthotic footbed offers a perfect combination of support and cushion. The mounting area is reinforced with aluminum plates for durability. CLUTCH fits men's size 8 – 12.

596916 (AHB-4) **$106.95 F**

NEW ITEM



Airhead Assault Binding
AIRHEAD ASSAULT is an extra large binding designed with quality, durability and performance in mind. This supportive binding has an adjustable tow strap, heavy duty lace eyelets and a POWER STRAP for extra heel hold-down. The upper and lower double cinch lace-up system ensures a great fit. ASSAULT's footbed offers the perfect blend of cushion and support. The wakeboard mounting holes are reinforced with aluminum plates for durability. ASSAULT fits men's size 10 – 15.5.

596918 (AHB-7) **$128.95 F**

Hydroslide Kneeboards



Hydroslide Kaos Kneeboard

Ultra thin and ultra light molded design give the parabolic shaped Kaos from Hydroslide long tight rails that cut as hard as you will let them. Thick pad with deep knee wells gives the rider great control, while the 3" padded shock strap keeps the knees firmly in place. Constructed like no other, using only the finest materials to produce a ride that is tight, stiff, and fast. Made in USA.

717720 (2508) **$264.95 F**



Hydroslide Pro-XLT Kneeboard

This solid performer features a parabolic shape for maximum lift off the wake, and smooth transitions during any trick. Dual retractable fins allow maximum cutting power when down, and maximum trick potential when retracted. Fins may be adjusted between sets, but not while the board is in motion. Contoured EVA pad with 3" padded Shock Strap. Patent pending Hydrohook allows any rider to get up the first time. Spring loaded hook retracts when not in use so there is nothing protruding to cut or bruise yourself on. Made in USA.

717744 (2158) **$198.95 F**



Hydroslide Revolution Kneeboard

The Revolution Kneeboard from Hydroslide has a classic spoon shape that gives it a smooth, easy ride, without sacrificing any "pop" off the wake. EVA pad with deep knee wells, couple with a 3" padded belt gives the rider superb control during every trick and maneuver. All Hydroslide boards have a patented thin-profile design, giving them not only the best looks, but the best performance as well. Also includes the Patent Pending Hydrohook, which allows beginners to get up the first time, every time, and gives experts a whole new way to enjoy the ride. Made in USA.

717732 (2108) **$138.95 F**

World Industries 4-Wheelin' Kneeboard



World Industries 4-Wheelin' Kneeboard

The traditional V-shape design provides fast responses, smooth fluid turns and big air off the wake. The 3" wide adjustable strap is cushioned for comfort.

589284 (WIKB-1) **$159.95 F**

Hydroslide Water Toys



Hydroslide Route 66 Towable

717696 (FT-668) **$149.95 F**



Hydroslide Magic Dragon 3 Towable

Ride on top design, with Patented foot wells for the ultimate in control in stability. Ridges on the top of the tube, couple with a neoprene sitting area offer the most comfort available in a ride on top. Dragon graphic are sure to be a hit with the whole family. Designed for three riders. Appx. 125" long.

717694 (FT-508-3) **$224.95 F**



Hydroslide Magic Dragon 2 Towable

Ride on top design, with Patented foot wells for the ultimate in control in stability. Ridges on the top of the tube, couple with a neoprene sitting area offer the most comfort available in a ride on top. Dragon graphic are sure to be a hit with the whole family. Designed for two riders. Appx. 100" long.

717692 (FT-508-2) **$186.95 F**



Hydroslide Vee W Towable

This "U" shaped tube is a unique and wild ride for up to two riders. Strategically placed handles allow both riders to hold on while the tube rolls back and forth from wake to wake. Boarding strap on back of the towable insures riders can get back on easily. Includes quick connect. Designed for up to two riders. Appx. 53" x 67".

717687 (FT-207-2) **$147.95 F**



Hydroslide Big Beast Towable

6 handles with neoprene knuckles guards insure everyone can get a good hold of this one, while 2 re-boarding handles help those who do not. Raised wing design at rear of tube gives riders a place to wedge the feet in and enjoy the ride. Includes quick connect. Designed for up to three riders. Appx. 58" x 64".

717690 (FT-407-2) **$147.95 F**

Hydroslide Water Toys



Hydroslide Go Cart 2 Towable

Dual cockpit designed towable gives a wild, yet somewhat more "secure" ride for two riders. 8 handles let riders of all sizes find their own perfect way of hanging on. Inflatable floors soften the ride in rough water.

717689 (FT-307-2) **$204.95 F**



Hydroslide Valiant Towable

U shaped, open back design makes re-boarding a breeze, not matter how ungraceful the dismount was. 4 soft foam handles with neoprene knuckle guards give both riders a place to hang on. Inflatable floor for added comfort on rough water. Includes quick connect. Designed for up to two riders. Appx. 62" x 58".

717686 (FT-107-2) **$147.95 F**



Hydroslide Go Cart 1 Towable

Cockpit designed tube give a sensation of being right on top of the water, while the inflatable floor helps smooth out the ride. 4 handles with soft neoprene knuckle guards lets one rider of any size have a secure grip during their ride. Includes quick connect. Appx. 60" L x 30" W.

717688 (FT-307-1) **$110.95 F**



Hydroslide Mini TWC Towable

With it's red and white flame graphics, this tube is one hot ride! With a ride on top design and deep patented foot wells, this towable gives a whole new riding sensation. Bank in the corners and ride PWC style over the wakes! Designed for one rider. Appx. 58" L and 44" W.

717682 (FT-17) **$60.95 F**

SKIS, BOARDS, TUBES, FLOTATION

SportsStuff Water Toys



601839

SportsStuff Chariot Warbird Towables

Heavy duty full nylon cover with zipper. Heavy gauge PVC bladders. High-back recumbent seating. Aluminum quick connect tow system. Front and rear tow points for multiple riding positions. Wide wing span construction allows for tight turns and stability on the whips. Double webbing foam handles. EVA foam knee and knuckle guards. Patented speed safety valve for fast inflation and deflation. Self bailing drain vents.

601838 (53-1780) Chariot Warbird 2 78″ L x 90″ W **$299.95 E**
601839 (53-1790) Chariot Warbird 3 79″ L x 110″ W **$378.95 E**



601648

SportsStuff Mable Towables

Double-webbing foam handles with knuckle pads. Double-stitched nylon full cover with zipper. P.U. fabric coating. Heavy-gauge PVC bladder. Single chamber inflation. Backrests. Speed safety valve. Self-bailing drain vent. Foam seat/knee pads. Dual tow points. Reinforced tow systems.

601648 (53-2205) Mable 60″ x 60″ **$149.95 E**
601650 (53-2210) Big Mable 72″ x 72″ **$204.95 E**
601662 (53-2220) Super Mable 82″ x 83″ **$277.95 E**
601674 (53-2215) Great Big Mable 92″ x 106″ **$346.95 E**



SportsStuff Wet N Wild Flyer Towable - 100″

Its huge deck will hold 1-3 riders. Soft foam pads keeps the riders' knees comfortable. Lots of handles allow for various riding positions. Features: Double-webbing foam; Handles with knuckle pads; Double-stitched nylon, full covered zipper; Tow rope holster; Heavy-gauge PVC bladder.

601559 (53-1670) 100″ **$277.95 E**



601840



601852



SportsStuff Tow Shoe (Kids Cruizer) Towable

Ideal for pulling the little ones around in water and the high-top backrest makes it easy for them to stay in place. Make the most of your summer with the new high-top Tow Shoes from Sportsstuff. 74″ L x 49″ W.

601840 (53-1901) Red **$118.95 E**

SportsStuff Kids Kooper Towable

Heavy-gauge PVC construction for smooth riding. Comfortable air cushion floor. Deep cockpit seating. Clear PVC winshield splash guard. Heavy duty PVC quick connect tow system. Heavy duty PVC contoured molded handles. Patented speed safety valve for fast inflation and deflation. 77″ L x 64″ W.

601852 (53-1480) **$102.95 E**



SportsStuff Speedzone 3 Towable - 100″

For 3 riders. Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon partial cover. P.U. fabric coating. Heavy-gauge PVC bladder. Air cushioned inflatable floor. Recessed cockpits with backrests. Multi-speed valve. Self-bailing drain vent. Reinforced tow system.

601750 (53-1940) 100″ **$346.95 E**



SportsStuff Patriot Double Towable - 80″

Features: Patriotic Graphics; Four chambers on the duo; K80 30 gauge PVC; Flashy checkerboard accent of the backrests; Warning and hand signal valve for EZ inflation/deflation; US Patent Pending.

601763 (53-1547) 80″ **$283.95 E**

SportsStuff Water Toys



SportsStuff Crew Towable - 92"

Designed for up to 5 riders. Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon partial cover. P.U. fabric coating. Tow rope holster. Heavy-gauge PVC bladder. Two chambers. off shore boarding ladder. Air cushioned inflatable floor. Multi-speed valve. Self-bailing drain vent. Reinforced tow system.

601395 (53-1335) 92" **$225.95 E**



SportsStuff Frequent Flyer Towable - 76"

Designed for 1 to 2 riders. Bunches of handles for various grips and rider positions. Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon full cover with zipper. P.U. fabric coating. Heavy-gauge PVC bladder. Tow rope holster. Multi valve. Self-bailing drain vent. EVA foam body pad. Reinforced tow system.

601547 (53-1660) 76" **$173.95 E**



SportsStuff Titan Towable - 80"

Partially covered with an inflatable floor which provides riders a firm surface for standing. Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon full cover. P.U. fabric coating. Tow rope holster. Heavy-gauge PVC bladder. Two chambers. Off shore boarding ladder. Air cushioned inflatable floor. Multi-speed valve. Self-bailing drain vent. Reinforced tow system.

601383 (53-1330) 80" **$173.95 E**



SportsStuff Speedzone 2 Towable - 68"

Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon full cover. P.U. rabric coating. Heavy-gauge PVC bladder. Air cushioned inflatable floor. Recessed cockpits with backrest. Multi-speed valve. Self-bailing drain vent. Reinforced tow systems.

601749 (53-1931) 68" **$225.95 E**



SportsStuff Rampage Half Pipe Towable - 72"

Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon full cover with zipper. P.U. rabric coating. Heavy-gauge PVC bladder. Speed safety valve. Self-bailing drain vent. Reinforced tow systems.

601701 (53-2155) 72" **$225.95 E**



SportsStuff Big Bertha Towable - 68"

Partially-covered, medium-sized tube for 1-4 riders. One of the most popular tow tubes of all time! 68" diameter.

601371 (53-1328) 68" **$121.95 E**



SportsStuff Stunt Flyer - 64"

Large flat deck with many handles for various rider positions. Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon full cover with zipper. P.U. fabric coating. Heavy-gauge PVC bladder. Tow rope holster. Multi valve. Self-bailing drain vent. EVA foam body pad. Reinforced tow system. 64" diameter. For 1 rider.

601535 (53-1650) 64" **$138.95 E**

SKIS, BOARDS, TUBES, FLOTATION

SportsStuff Water Toys

SportsStuff Airforce Towable - 60"

Comfortable riding positions and challenging rides puts this tube among the elite. Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon full cover with zipper. P.U. fabric coating. Heavy-gauge PVC bladder. Tow rope holster. Speed valve. Self-bailing drain vent. EVA foam body pad. Reinforced tow system.

601523 (53-1210) 60" **$112.95 E**





SportsStuff Gyro Towable

This bullet-shaped tube will be sent into a spin with a good turn of the boat. Its swivel system allows the Gryo to roll over and over with the rider inside. Features: Heavy-gauge PVC bladder. Speed safety valve. Reinforced swivel action tow system. Includes 2k tow rope.

601646 (53-1815WR) 56" L x 38" Diameter **$121.95 E**



SportsStuff Sumo Towable

The rider slides into the Sumo suit and holds on to a grab handle on the end of a 60' rope. The rider can roll 360s from left to right, jump the wakes, steer left and right by moving their arms, or just glide across the water's surface. Features: One chamber. Heavy-gauge PVC bladder. Speed safety valve. Include tow handle.

601645 (53-1805) 38" L x 33" Diameter **$95.95 E**



SportsStuff Rascal Towable - 56"

Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon partial cover. P.U. fabric coating. Heavy-gauge PVC bladder. Two chambers. Air cushioned inflatable floor. Speed valve. Self-bailing drain vent. Reinforced tow system.

601369 (53-1320) 56" **$78.95 E**



SportsStuff Speedzone 1 Towable - 54"

Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon partial cover. P.U. fabric coating. Heavy-gauge PVC bladder. Air cushioned inflatable floor. Recessed cockpits with backrests. Multi speed valve. Self-bailing drain vent. Reinforced tow system.

601748 (53-1920) 54" **$121.95 E**



SportsStuff Sportstube Towable - 48"

Features: Heavy-gauge PVC bladder. Air cushioned inflatable floor. Multi valve. Quick connect tow system.

601206 (53-1116) 48" **$31.95 F**



SportsStuff Zip Ski Towable - 44"

Features: Double-webbing foam handles with knuckle pads. Double-stitched nylon partial cover. P.U. fabric coating. Heavy-gauge PVC bladder. Two chambers. Tow rope holster. Air cushioned inflatable floor. Speed valve. Self-bailing drain vent. Reinforced tow system.

601357 (53-1313) 44" **$48.95 F**

Airhead Towables



NEW ITEM

Airhead Zing Towable

596762 (AHZI-1) **$96.95 F**



NEW ITEM

Airhead Wild Towable

596764 (AHWI-1) **$57.95 F**



NEW ITEM

Airhead Attack Towable

AIRHEAD ATTACK is one wild ride! The wings provide maximum maneuverability, support and control and ensure zero drag sliding side to side. The 4 handles with neoprene knuckle guards are positioned for riding lying down or sitting up. ATTACK is equipped with a Boston valve for quick and easy inflating and deflating and a Kwik-Connect for fast tow rope hook-ups. 54 in. x 52.5 in. (deflated size).

596825 (AHAK-1) **$81.95 F**



NEW ITEM

Airhead Mega Boost Towable

This colossal 68 inch (inflated) classic has enough leg room for 4 riders. Equipped with 8 deluxe handles with neoprene knuckle guards and an inflated floor for a comfortable ride. The reinforced double-stitched nylon cover and stout 30 gauge bladder ensure long service. The heavy duty Kwik-Connect and Boston valve provide quick and easy rope hook-ups, inflating and deflating.

596827 (AHMB-1) **$153.95 F**



NEW ITEM

Airhead Transformer Towable

AIRHEAD TRANSFORMER is 2 tubes in one! It transforms from a deck tube to a cockpit tube in seconds! The inflated floors and deluxe handles with neoprene knuckle guards will help them feel safe and secure. Teens and adults normally prefer a wilder deck tube ride. Transformer is built to last from rugged 840 denier nylon and 30 gauge vinyl. The heavy duty Kwik-Connect and Boston valve provide quick and easy rope hook-ups, inflating and deflating. 64 in. x 58 in. (deflated size).

596829 (AHTF-1) **$293.95 F**

Airhead Towables



596833



596835

Airhead Storm Towables

AIRHEAD STORM is truly a state of the art towable. No other 2 or 3 rider towable provide this unparalleled combination of excitement, stability and comfort. STORM's wide wingspan and thick front profile allow it to glide effortlessly across big wakes. A neoprene seat pad is provided for each rider. Nylon wrapped handles with neoprene knuckle guards ensure a great grip. The durable RF welded 30 gauge PVC bladder is fully covered by rugged double-stitched 840 denier nylon. When it's time to relax, STORM doubles as the world's most comfortable floating lake couch!

596833 (AHST-2) Storm II **$289.95 F**
596835 (AHST-3) Storm III **$406.95 F**



Airhead Mach 1 Towable

We recommend cockpit tubes like MACH 1 for young riders, since they feel very secure inside. MACH 1 provides a wild but stable ride for all ages including young children, teens and adults. Comfort is guaranteed by the inflated floor and deluxe handles with neoprene knuckle guards. The heavy gauge PVC bladder and durable double-stitched nylon cover ensure years of service. Equipped with a Boston Valve and Kwik-Connect for quick and easy inflating, deflating and rope hook-ups. 68 in. x 50 in. (deflated size).

596837 (AHMI-1) **$105.95 F**



Airhead Rock Star Towable

Not only does this awesome 3 rider U-shaped towable glide effortlessly across the wake, it also rocks! It also doubles as a super fun rocking swim platform. The durable double-stitched 840 denier nylon cover and rugged 30 gauge PVC inner bladder ensure long service. The heavy duty Kwik-Connect and Boston valve provide quick and easy rope hook-ups, inflating and deflating. 81 in. x 78 in. (deflated).

596831 (AHRS-1) **$334.95 F**



Airhead Outrigger Towable

AIRHEAD ATTACK is one wild ride! The wings provide maximum maneuverability, support and control and ensure zero drag sliding side to side. The 4 handles with neoprene knuckle guards are positioned for riding lying down or sitting up. ATTACK is equipped with a Boston valve for quick and easy inflating and deflating and a Kwik-Connect for fast tow rope hook-ups. 54 in. x 52.5 in. (deflated size).

596839 (AHOU-3) **$361.95 F**

Airhead Winged Tubes - Towables



596507



596508

Airhead Stingray Towables

Topside neoprene seat pad for each rider. Nylon wrapped handles with neoprene knuckle guards ensure a great grip. The durable RF welded 30 gauge PVC bladder is fully covered by rugged double-stitched 840 denier nylon. The tow harnesses and drain vents have been specially engineered to provide long service life.

596507 (AHSTR-1)	1 Rider	66″ x 59″	**$141.95 F**
596508 (AHSTR-2)	2 Rider	80″ x 70″	**$230.95 F**
596509 (AHSTR-3)	3 Rider	114″ x 78″	**$298.95 F**



596481



596493

Airhead Matrix Towables

These U-shaped winged towables roll way up on edge when riders shift their weight. They're thicker at the front to prevent submarining and thin at the back to make it easier to climb on from the water. The deluxe handles have neoprene knuckle guards. Two oversized neoprene pads are strategically located to protect knees and elbows. The durable 30 gauge RF welded PVC bladder is completely wrapped in double-stitched 840-denier nylon. A heavy-duty Kwik-Connect provides easy hook-ups and the Boston valve makes it easy and fast to deflate and inflate.

596481 (AHMX-V2)	2 Rider	73″ x 61″	**$207.95 F**
596493 (AHMX-V3)	3 Rider	87″ x 68″	**$270.95 F**



Airhead U-Tube Towable - 61" x 60"

An innovative 1-2 rider towable with 2 different tow points.

596504 (AHUT-1) 61″ x 60″ **$198.95 F**



Airhead Jet Towable - 72" x 56"

Lie down or sit down, the 8 deluxe handles with neoprene knuckle guards. The heavy gauge PVC bladder is fully covered by a rugged 840 denier nylon cover.

596503 (AHJE-2) 72″ x 56″ **$144.95 F**

SKIS, BOARDS, TUBES, FLOTATION

Airhead Deck Tubes - Towables



Airhead Mega Slice Towable - 100"

100" diameter exclusive tapered profile; thick at the front and thin at the back. Includes: 3 boarding straps to grab onto; 8 deluxe handles with neoprene knuckle guards provide a great grip for 1, 2, 3 or 4 riders. An Indy Cap covers the Boston Valve.

596517 (AHSSL-4) 100" **$307.95 F**



Airhead Super Slice Towable - 70"

3 rider low profile deck tube. It's got an oversized topside neoprene body panel and 6 deluxe handles with neoprene knuckle guards. The 30-gauge virgin PVC bladder is fully encased by a rugged double-stitched nylon cover. Equipped with a heavy duty Kwik-Connect and Multi-Valve. It's tapered in back to only 6".

596518 (AHSSL-1) 70" **$171.95 F**



Airhead G-Force Towable - 72"

Features: Topside stabilizer fins; 6 deluxe nylon-wrapped handles with neoprene knuckle guards; Constructed of rugged 30 gauge vinyl; Fully covered with an 840 denier high-density nylon cover; heavy-duty Kwik-Connect for easy, secure hook-ups.

596710 (AHGF-1) 72" **$180.95 F**



Airhead Big Slice Towable - 60"

Topside neoprene panel, 4 nylon-wrapped handles and neoprene knuckle guards. The durable 30-gauge virgin PVC bladder is fully encased by a double-stitched nylon cover with a reinforced internal tow harness. Equipped with a Kwik-Connect for easy hook-ups and a Boston valve for fast inflating and deflating. It's tapered to only 6 in. high at the back. Designed for 1 or 2 riders.

596621 (AHSL-4) 60" **$117.95 F**



Airhead Hot Shot Towable - 57"

Features: PVC bladder completely covered with a double-stitched nylon cover; Thin profile for easy access from water; 4 deluxe handles with neoprene knuckle guards; Boston Valve.

596594 (AHHS-1) 57" **$81.95 F**



Airhead Strike Towable with Free Aqua-Zooka - 54"

1 rider 54" round towable with 4 nylon wrapped handles and neoprene knuckle guards. The RF welded PVC bladder is fully encased by a durable double stitched nylon cover. Strike is equipped with a Boston Valve for easy inflation and deflation, covered by a neoprene flap.

596519 (AHST-2AZ) 54" **$72.95 F**

Airhead Hot Dogs - Towables



Airhead Jumbo Dog Towable

Designed for 1-5 riders. Features: 5 deluxe nylon-wrapped handles; Neoprene knuckle guards and seat pads; 12-1/2 ft. L x 44" W; Heavy-duty Kwik-Connect; Three 30 gauge vinyl air chambers fully encased by double stitched 1,000-denier nylon cover; Airhead Multi-Valve for inflating/deflating.

596823 (HD-5) **$286.95 F**



Airhead Hot Dog Towable

Designed for 1-3 riders. Features: Deluxe nylon-wrapped handles with neoprene knuckle guards; 3 neoprene seat pads; 8-1/2 ft. L x 44" W; Heavy-duty Kwik-Connect; Three 30-gauge vinyl air chambers fully encased by double stitched 840-denier nylon cover; Airhead Multi-Valve for inflating/deflating.

596811 (HD-3) **$180.95 F**

Airhead Cockpit Tubes - Towables



596512



596513

Airhead Viper Towables

Durable 30 gauge bladders are completely encased in durable double-stitched nylon, there is no exposed PVC. The striped nylon wrap handles have neoprene knuckle guards for comfort. An EVA "Indy Cap" covers the Boston Valve.

596512 (AHVI-F1)	1 Rider	67" x 51"	**$162.95 F**
596513 (AHVI-F2)	2 Rider	69" x 67"	**$252.95 F**

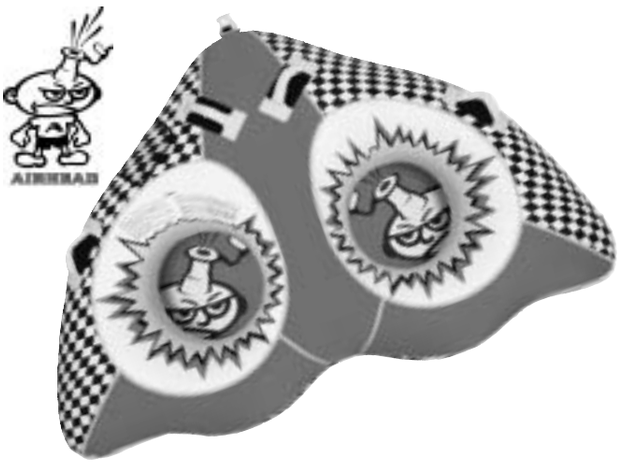


Airhead Fusion Towable - 71" x 87"

Two inflatable fins are strategically placed to help riders stay on the tube. The durable 30 gauge PVC bladder is fully covered by rugged 840 denier nylon.

596505 (AHFN-1) 71" x 87" **$316.95 F**

Airhead Open Top Tubes - Towables



Airhead Turbo Blast Towable - 90" x 56"

Two passenger towable. Features: Double-V Design; 840 Denier nylon cover with 2 floor drains; 30 gauge vinyl inner tube; Inflated floors; Airhead Multi-Valve; 4 neoprene knuckle guards; Tubular webbing covered handles and Kwik-Connect.

596758 (AHTB-1) 90" x 56" **$144.95 F**



Airhead Slide Towable - 56"

A super deluxe and easy planing triangular shaped towable. Features: 4 Tubular webbing wrapped handles; Neoprene knuckle guards; Kwik-Connect; Rugged 30 gauge inner tube; High density 840 denier cover and Boston Valve.

596568 (AHSL-1) 56" **$69.95 F**



Airhead Big Shot Towable - 76"

4 rider towable. Features: 8 deluxe handles with neoprene knuckle guard; Kwik-Connect; Rugged 30 gauge virgin PVC bladder and double-stitched nylon cover; Self draining floor vent; Airhead Multi-Valve.

596657 (BS-1) 76" **$135.95 F**



Airhead Blast Towable - 54"

For single rider. 4 neoprene knuckle guards and deluxe nylon-covered handles provides a sure and comfortable grip; Heavy-duty virgin PVC bladder with electronically welded seams; Boston valve for quick inflating/deflating; Double stitched nylon cover; Reinforced internal tow harness; Self-draining floor vent.

596532 (AHBL-1) 54" **$58.95 F**

Airhead Pool and Lake Floats



Airhead EZ Rider

Two plastic drink holders are RE-welded into the 24 gauge PVC body to hold refreshments. Two rope anchors provide easy tieups to other EZ Riders, boats or Airhead's Aqua Oasis floating cooler.

596520 (AHEZR-1) **$47.95 F**



Airhead Aqua Oasis

Insulated leak-proof nylon cooler lifts up from the inflatable base and has an adjustable shoulder strap. It keeps 12 cans or bottles ice cold for hours. The six drink holders in the floating base are marked with numbers.

596523 (AHAO-1) **$31.95 F**

Airhead Steerable and Spinning Tubes - Towables



Airhead UFO Towable - 86"
Multi-reinforced tow strap has 2 heavy duty stainless steel swivels and attaches to the stainless steel stow ring at the center of the bottom. UFO has a 86" diameter; 30 gauge PVC bladder; double-stitched 840 denier nylon cover with 2 Boston valves; 8 mesh drain vents.

596759 (AHUFO-1) 86" **$387.95 F**



Airhead Rip II Towable - 48" x 50"
Steerable, 1 rider towable. Features: Open back design; Plastic side fins sewn into cover for carving; Fully covered with 840-denier double-stitched nylon cover, keeping it torsionally rigid for steering; 4 deluxe nylon-covered handles with molded EVA knuckle guards; Kwik-Connect; Airhead Multi-Valve. Patented.

596683 (AHRI-2) 48" x 50" **$126.95 F**

World Industries Towables



World Industries Rebel Kit with Tow Rope - 54"
A 1 rider deck tube with 4 deluxe handles and neoprene knuckle guards. Our best 12 volt pump is included and will inflate Rebel quickly and effectively. A color-matched 16 strand tube tow rope is also included.

596502 (AHRE-1) 54" **$99.95 F**



World Industries Escape Towable - 57"
This round deck tube is one hot ride, built to last and a great value. 4 deluxe handles with neoprene knuckle guards and is equipped with a Boston valve for quick inflating and deflating.

596500 (WIT-2) 57" **$84.95 F**



World Industries Spike Towable - 54"
Has 4 deluxe handles with neoprene knuckle guards. Heavy-duty virgin PVC bladder has electronically welded seams and a Boston valve for quick inflating and deflating. Designed for 1 rider.

596501 (WIT-1) 54" **$64.95 F**

SKIS, BOARDS, TUBES, FLOTATION

Airhead Travel Kayaks



Airhead Travel Kayak - 2 Person

Designed for lakes and moderate white water. Lightweight, compact, portable. Highly visible orange for safety. Semi-rigid heavy gauge PVC construction. Tubular I-beam floor for superior comfort, buoyancy and tracking. Spray covers fore and aft. Movable/removable inflatable seats provide great back support. 2 Boston valves for quick inflating and deflating. Drain hole with plug.

596784 (AHTK-3) Length 10′ 3″ **$135.95 F**



Airhead Performance Travel Kayak - 2 Person

Lightweight, compact, portable. Inflatable seats with adjustable support backrest and mesh pocket. Highly visible orange for safety. Low drag/superior tracking with 4 bottom fins. All 3 air chambers are completely enclosed by rugged 840-denier nylon with UV and water-resistant coatings. Durable tri-laminate reinforcements on the bottom for a lifetime of use. Neoprene elbow guards for comfort. Easy to inflate and deflate (3 Boston valves with nylon covers). Stainless steel and nylon hardware will not corrode. 6 D-rings at bow and stern for securing gear, Stretch net in bow. Low drag, superior tracking. Grab handles for easy put-ins and pull-outs. Threaded drain plug.

596796 (AHTK-2) Length 12′ **$379.95 F**

Airhead Tube Tow Ropes



Airhead Tube Tow Rope - 4,150 lb.

Heavy-duty 16 strand 9/16″ x 60′ tube tow rope rated at 4,150 lb. tensile strength! FEATURES: Unique Reggae color scheme; 6″ loop spliced at each end; Rope keeper is included for tangle-free storage.

597457 (AHTR-4000) 1 Section, 4 Riders **$19.95 F**



Airhead Bungee Tube Tow Rope

9/16″ x 50 ft. tube rope has a 3/8″ diameter bungee cord spliced inside. Rated at 4,150 lb. tensile strength, conforming to WISA recommendations for 1-4 rider tubes. Reduces wear and tear on tubes and riders by absorbing sudden jerks from slack in line. Rope Keeper included.

597471 (AHTRB-50) 4 Riders **$35.95 F**



Airhead Tube Tow Rope - 1,500 lb.

1,500 lb. tensile strength, meets WSIA recommendations for 1-rider towables. 50′ long with 6″ loop at each end. Rope Keeper included. Yellow. 1 section, 1 rider.

597407 (AHTR-50) **$9.95 F**



Airhead Tube Tow Rope - 2,375 lb.

Tournament quality 3/8″, 16 strand braided tow rope is rated at 2,375 lb. tensile strength. 6″ spliced loop at each end. Rope Keeper included. 1 section, 2 riders.

597421 (AHTR-60) **$13.95 F**



Airhead Tube Tow Rope - 4,150 lb.

The pre-stretched UV-resistant 5/8″ diameter 16-strand rope. A Rope Keeper is included for convenient storage. 2 sections, 4 riders.

597472 (AHTR-42) **$20.95 F**

SportsStuff Tube Tow Ropes



602018



602020



602032

SportsStuff 2K Tow Rope
2375-pound break strength! This rope is perfect for towing all Sportsstuff 1 and 2- rider tubes. Features a molded plastic caddy for easy storage. 60' length.

602018 (57-1522) **$17.95 E**

SportsStuff 4K Tow Rope
4100-pound break strength! This heavy-duty rope is perfect for towing any tube with 3 or more riders. Features a molded plastic caddy for easy storage. 60' length.

602020 (57-1532) **$22.95 E**

SportsStuff 6K Tow Rope
6100-pound break strength! This heavy-duty rope is for towing any tube with up to 6 riders. Features a molded plastic caddy for easy storage. 60' length.

602032 (57-1542) **$31.95 E**

Hydroslide Tow and Kneeboard Ropes



717615



717620

Hydroslide Tow Ropes
717615 (PT2) 2 Rider **$11.95 E**
717620 (PT34) Multi Rider **$16.95 E**



Hydroslide Kneeboard Rope
717610 (PS906) **$33.95 E**

Airhead Wakeboard Ropes



Airhead Wakeboard Rope with Phat Grip™
70' long, 16 strand, 30-filament rope with 4 sections and take-off loops (70", 60", 50", 40"). FEATURES: 15" EVA PHAT GRIP handle with a superior grip, high strength aluminum core, 4" finger protectors and foam floats; 6" TPR covered aluminum handle; Bridle is completely encased in flexible vinyl; Rope keeper included.

597750 (AHWR-2) **$37.95 F**



Airhead Specta Thermal Wakeboard Rope
Provides zero stretch for the crisp instantaneous response that expert wakeboard riders demand The Thermal-coated Spectra line is stiff and rigid, resists kinking and twisting and boasts a 2,000 lb. break strength. The 5 section mainline is 70 feet with four 5 foot takeoffs. The 15" wide EVA grip is attached to a 5 ft. bridle, equipped with 2 foam floats and full length PVC tubing for added durability.

597748 (AHWR-4) **$72.95 F**

SKIS, BOARDS, TUBES, FLOTATION

Airhead Water Ski Ropes



Airhead Tournament Water Ski Rope

This ultimate in quality, this 16-strand rope has 8 color-coded sections and take-up loops. The 13" aluminum core handle has a high-performance "Diamond" grip and full-length molded finger protectors. You'll love the candy stripe color scheme of this UV-treated, 1,600 lb. tensile strength rope. A Rope Keeper is included for tangle-free storage.

597712 (AHSR-8) **$26.95 F**



Airhead Water Ski Rope

Designed for bigger boats and wakes, it's 25 feet longer than standard ski ropes. The 12" aluminum core handle has a performance "Tractor" grip and molded finger protectors. You'll love the black and white candy strip color scheme of the UV-treated 16-strand rope. A Rope Keeper is included for tangle-free storage.

597736 (AHSR-100) Length 100' **$14.95 F**



Airhead Performance Water Ski Rope

This 75 foot long rope has 4 sections (75", 60", 50", 40") to meet the needs of skiers and riders of all skill levels. The 12" aluminum core handle has a performance "Tractor" grip and full-length molded finger protectors. You'll love the candy stripe color scheme of the UV-treated 16-strand 1,600 lb. tensile strength rope. A Rope Keeper is included for tangle-free storage.

597697 (AHSR-4) Length 75' **$25.95 F**



Airhead Promotional Water Ski Rope

This 1 section ski rope has an aluminum floating handle and molded end caps for safety and comfort. The 16-strand 75 foot long rope is UV-treated and pre-stretched. A Rope Keeper is included.

597635 (AHSR-1) Length 75' **$13.95 F**



Airhead Water Ski Rope

A high quality 1 section ski rope for skiing, wakeboarding and kneeboarding. The 12" aluminum core handle has a performance "Tractor" grip and molded finger protectors. You'll love the blue and white candy strip color scheme of the UV-treated 16-strand rope. A Rope Keeper is included for tangle-free storage.

597724 (AHSR-75) Length 75' **$19.95 F**



Airhead Water Ski Rope

The 12 inch aluminum core handle is wrapped with textured high density EVA. The 75 foot long 16-strand rope and handle float and are brightly colored for your easy retrieval. A Rope Keeper is included for convenient storage.

597715 (AHSR-9) Length 75' **$23.95 F**



Airhead EZ Up Slalom Training Rope

75' long, 16 strand rope with Deep V-EZ Up bridle to steady the ski and to keep it pointing straight. As skier comes out of water, the rope automatically rises off the ski. Features: 12" floating handle with sanded TPR grip, aluminum core and molded end caps and finger guards; UV treated; 1,500lb. tensile strength; EZ Up bridle is completely covered with flexible vinyl; Rope keeper included.

597659 (AHSR-2) Length 75' **$26.95 F**

702 SKIS, BOARDS, TUBES, FLOTATION

Airhead Harnesses



Airhead 12' Tow Harness
If your boat isn't equipped with a pylon or ski eye and you enjoy watersports activities, you need a tow harness. It creates a tow attachment point at the center of your boat, behind your outboard or stern drive. This 2,375 lb. tensile strength tow harness is perfect for pulling a skier, wake boarder, knee boarder, 1 or 2-rider tubes. Hooks provided for easy attachment. 6" float keeps the attachment loop floating on top, away from your propeller. 12 feet long to fit larger boats and pontoons. Yellow/red.

597560 (AHTH-1) **$8.95 F**



Airhead 12' Heavy Duty Tow Harness
This 5,000 lb. tensile strength tow harness is perfect for pulling skiers, wake boarders and the big 5 rider towables. Clips onto boat with attached 5,000 lb. tensile strength hooks. FEATURES: Heavy-duty Kwik-Connect with 6" float to keep away from propeller; 12' long to fit larger boats and pontoons; Yellow/red.

597572 (AHTH-2) **$19.95 F**

Airhead 16' Heavy Duty Tow Harness
This watersports tow harness is equipped with oversized extra heavy duty hooks. Engineered to tow skiers, wake boarders and up to 4 rider towables, simply clip it onto your stern eyes and attach your ski or tube rope to the heavy duty Kwik-Connect. The 6" float ensures that the Kwik-Connect floats, away from your propeller. Yellow/Black.

597561 (AHTH-8D) **$26.95 F**



Airhead Tow Demon
The high-impact molded plastic float/pulley system allows for easy attachment of ski ropes, wake board ropes and tube ropes.

597563 (AHTH-6) Length 8' **$14.95 F**
597565 (AHTH-7) Length 12' **$15.95 F**

Bridgeline Ski Tow Harness



Bridgeline Ski Tow Harness
Float with pulley and 8 feet of 1/4" polypropylene braided rope.

704412 (PSH55) **$17.95 F**

Airhead Soft Float



Airhead Soft Float
These durable ultrasonically welded plastic floats are great for pools, ski ropes, anchor lines, marker buoys and crab traps. They're economically priced, yet built to last. Size: 5 inches long x 3 inches diameter with a 1/2-inch hole in the center.

704420 (F-5R) **$2.95 F**

SKIS, BOARDS, TUBES, FLOTATION

Airhead Water Toy Accessories



Airhead Grapnel Folding Anchor

The 3-1/3 pound 4-fluke folding anchor will hold in mud, sand, gravel and rock. It's designed for boats, sailboats, personal watercraft, inflatable boats, canoes and float tubes. FEATURES: Coated anchor to protect finishes; Padded, durable, nylon storage case for added protection and to dampen noise while stowing; Fits under most boat seats, in PWC storage compartments, or in PWC storage canisters; 25' long marine-grade rope with in-line buoy spliced in; Heavy-duty stainless steel snap hook.

586391 (A-2) **$35.95 F**



Airhead Tubehandler

It secures tubes and towables to your boat. Simply attach the straps around the tube or towable's handles. Then attach to your boat with either the giant 3-1/4" suction cups or loop the stretch cords around a cleat or rail. The 2" wide adjustable straps are easy to tighten for a secure hold.

586466 (TB-101) **$13.95 F**



Airhead Air Daddy Inflator

It allows you to inflate towables, swim toys, beach toys, inflatable boats, rafts, air beds. Air Daddy is a universal adapter tapered to fit all valves found on inflatables, including all sizes of stem valves and Boston Valves, Halkey-Roberts and Leafield valves. The screw-on tip creates a high pressure stream of air, perfect for workshops and garages.

596328 (AHAD-1) **$5.95 F**



Airhead Multi-Valve

Consists of 2 Boston Valves with different thread patterns on the bottom and a Shrader Valve. One of the Boston Valves will fit your inflatable. Use the Shrader Valve to inflate quickly at a gas station or marina. Screw off the Sharder Valve and inflate the boston valve with a low pressure/high volume pump.

586353 (AHMV-1) **$6.95 F**



Airhead Vinyl Repair Kit

Includes 1oz of commercial grade vinyl cement, and (4) 2" round vinyl patches. Works on all vinyl inflatable beds, tubes, and toys.

586455 (AHRK-1) **$3.95 F**

Airhead Pumps



Airhead Air Pump - 120 Volt

This high-volume (300 liters/minute) 120-volt canister style pump fills towables, boats, pools, mattresses and beach toys to optimum pressure and deflates them quickly. FEATURES: (10 cu. ft./min., .9 psi); Accordion style hose locks onto pump and valve fittings; 3 universal valve fittings for all popular valves; Carry handle; 10' power cord.

596304 (AHP-120) **$26.95 F**



Airhead Air Pump - 12 Volt

High-volume (290 liters/minute) 12-volt portable air pump inflates/deflates towables, boats, pools, mattresses and beach toys quickly and effectively. FEATURES: (9.6 cu.ft./min., .8 psi). Universal valve fittings fit all popular valves; 10 ft. long power cord; Cigarette lighter plug.

596316 (AHP-12H) **$16.95 F**



NEW ITEM

Airhead Super Air Pump - 120 Volt

Peak pressure is nearly 3.0 psi, plenty of pressure to get boats, dinghys, rafts and reinforced backyard items nice and firm. Seven universal adapters are provided to fit all valves commonly used on boats, kayaks, towables and other inflatables. The adapters lock onto the 36 inch long heavy duty reinforced hose. A Pressure Release Valve is included to limit pressure to 1.4 psi for preventing over-inflating towables, pool toys and other vinyl and nylon covered inflatable items. The accordion-style hose locks onto the pump, eliminating annoying disconnections. You'll love the convenience of the screw-on Boston Valve adapter, an AIRHEAD exclusive. For added convenience, there's a carry handle and a 10 ft. long power cord. It draws 7.1 amps / 917 watts. Volume is 480 liters/minute.

596306 (AHP-120S) **$63.95 F**



NEW ITEM

Airhead High Pressure Air Pump - 12 Volt

AIRHEAD's new 12 Volt Hi Pressure Air Pump w/ Pressure Release Valve produces 3 times the pressure of other 12 volt air pumps. Adapters are provided for all popular valves including stem, Boston, Leafield, Bravo, Hulkey Roberts and more. A removable pressure release valve limits the output to 1.4 psi, the perfect inflation pressure for towables. This powerful pump draws too many amps to plug into a cigarette lighter. Hook it up to your car, truck or boat battery with the alligator clips connected to a 10 foot power cord. Volume: 410 liters/min. Draws 28 amps.

596318 (AHP-12HP) **$53.95 F**



NEW ITEM

Airhead Rechargeable Air Pump - 12 Volt

This convenient and versatile 12 volt air pump comes equipped with a 120 volt AC charger and a 12 volt charger that plugs into cigarette lighters. When charged, there are no cords to deal with. It's equipped with 3 adapters to fit valves on towables, pool toys, airbeds and other inflatables. It will inflate or deflate continuously for 15 minutes on a charge. Peak air pressure is 0.64 psi, volume is 260 liters/min. and it draws 11.3 amps. We recommend topping off towables inflated with 12 volt pumps with a few strokes of AIRHEAD's Double Action Hand Pump or Foot Bellows Pump.

596324 (AHP-12R) **$28.95 F**

Vest Size Chart

Item	Chest Size	Weight
Type I Vest Series and Type V Work Vest Series (Adult Only)		
Child	N/A	Less than 90 lbs.
Adult	N/A	90 lbs. and Over
Type II Vest Series		
Child Small	N/A	30 - 50 lbs.
Child Medium	N/A	50 - 90 lbs.
Adult	N/A	90 lbs. and Over
Type III Children's Series (Infant - Type II)		
Infant (New Model, 2PW)	N/A	Up to 30 lbs.
Infant	N/A	Up to 50 lbs.
Child	20″ - 25″	30 - 50 lbs.
Youth	24″ - 29″	50 - 90 lbs.
Type III Adult 4 Belt Sized Vest Series (Includes Mens, Ladies, Neoprene, Mesh and Float Coat)		
X Small	28″ - 32″	90 lbs. and Over
Small	32″ - 36″	90 lbs. and Over
Medium	36″ - 40″	90 lbs. and Over
Large	40″ - 44″	90 lbs. and Over
X Large	44″ - 48″	90 lbs. and Over
XX Large	48″ - 52″	90 lbs. and Over
XXX Large	52″ - 56″	90 lbs. and Over
XXXX Large	56″ - 62″	90 lbs. and Over
XXXXX Large	62″ - 68″	90 lbs. and Over
Type III Adult 2, 3 and 4 Belt Dual Sized Vest Series (Includes Deluxe Fishing Vest Series)		
X Small	28″ - 32″	90 lbs. and Over
Small/Medium	32″ - 40″	90 lbs. and Over
Large/X Large	40″ - 52″	90 lbs. and Over
SX Large	50″ - 60″	90 lbs. and Over
ESX Large	60″ - 70″	90 lbs. and Over
Type III Promotional and Deluxe General Purpose Vest Series (Includes Universal Fishing Vest Series)		
Infant	N/A	0 - 50 lbs.
Child	20″ - 25″	30 - 50 lbs.
Youth	25″ - 29″	50 - 90 lbs.
Adult	30″ - 52″	90 lbs. and Over
Adult SL	40″ - 60″	90 lbs. and Over
Adult ESL	50″ - 70″	90 lbs. and Over

Marpac/Tighten Up Flotation



Tighten Up 2-Belt Neoprene Ski Vests

Premium quality design and fit. Specifically manufactured to the highest standards for a Type III PFD. FEATURES: 2mm neoprene fabric outer; Two 1-1/2" belts w/set and pull tab; Short waisted design; Individually Sized; PVC foam construction; D-ring kill switch attachment; Made in U.S.A.; U.S. coast guard approved Type III.

Yellow/Black

8-0219	Child, 30 - 50 lbs. 20" - 25" Chest	**$38.95 F**
8-0221	Youth, 50 - 90 lbs. 25" - 29" Chest	**$45.95 F**
8-0245	28" - 32" Chest	**$54.95 F**
8-0257	32" - 36" Chest	**$54.95 F**
8-0269	30" - 40" Chest	**$54.95 F**
8-0271	40" - 44" Chest	**$54.95 F**
8-0283	44" - 48" Chest	**$55.95 F**
8-0295	48" - 52" Chest	**$55.95 F**
8-0308	52" - 56" Chest	**$55.95 F**



Tighten Up Hinged Neoprene Ski Vest

Enjoy complete freedom of movement and exceptional comfort. Pleated panels in front provide a hinged effect for terrific flexibility. Two 1-1/2" belts are integrated into the vest, so they're hidden in back. Other features include large arm openings and mesh bottom for drainage. USCG Approved Type III.

Black/Fire Red

8-0346	28" - 32" Chest	**$59.95 F**



Tighten Up 2-Belt Neoprene Ski Vests

Premium quality design and fit. Specifically manufactured to the highest standards for a Type III PFD. FEATURES: 2mm neoprene fabric outer; Two 1-1/2" belts w/set and pull tab; Short waisted design; Individually Sized; PVC foam construction; D-ring kill switch attachment; Made in U.S.A.; U.S. coast guard approved Type III.

Royal/Ash/Black

8-0106	Child, 30 - 50 lbs. 20" - 25" Chest	**$38.95 F**
8-0118	Youth, 50 - 90 lbs. 25" - 29" Chest	**$45.95 F**
8-0132	28" - 32" Chest	**$54.95 F**
8-0144	32" - 36" Chest	**$54.95 F**
8-0156	30" - 40" Chest	**$54.95 F**
8-0168	40" - 44" Chest	**$54.95 F**
8-0170	44" - 48" Chest	**$55.95 F**
8-0182	48" - 52" Chest	**$55.95 F**
8-0194	52" - 56" Chest	**$55.95 F**



Tighten Up Hinged Neoprene Ski Vests with Glideskin

The shiny Glideskin front sheds water and delivers outstanding wind-resistance. Segmented, beveled PVC foam provides maximum flex for comfort and extra mobility. Neoprene outer shell and lining fits the natural curves of the body. Mesh drain at bottom and heavy duty front zipper. Two 1-1/2" belts are integrated into the vest, so they're hidden in back. USCG Approved Type III.

Silver/Black

8-0423	28" - 32" Chest	**$58.95 F**
8-0435	32" - 36" Chest	**$58.95 F**
8-0447	30" - 40" Chest	**$58.95 F**
8-0459	40" - 44" Chest	**$58.95 F**
8-0461	44" - 48" Chest	**$59.95 F**
8-0473	48" - 52" Chest	**$60.95 F**
8-0485	52" - 56" Chest	**$60.95 F**

Marpac/Tighten Up Flotation

NEW ITEM



Tighten Up Competition Neoprene/Nylon Ski Vests

Individually sized and form fitting design. This competition style vest has four 1-1/2" wide belts for a secure fit. Grey shoulder and side panels are made of neoprene. Black and yellow interior panels made of nylon. All PVC foam. USCG approved – Type III.

Black/Yellow

8-0865	28" - 32" Chest	**$40.95 F**
8-0877	32" - 36" Chest	**$40.95 F**
8-0889	36" - 40" Chest	**$40.95 F**
8-0891	40" - 44" Chest	**$40.95 F**
8-0904	44" - 48" Chest	**$40.95 F**
8-0916	48" - 52" Chest	**$40.95 F**
8-0928	52" - 56" Chest	**$40.95 F**

NEW ITEM



Tighten Up Competition Neoprene/Nylon Ski Vests

Individually sized and form fitting design. This competition style vest has four 2" wide belts for a secure fit. Grey shoulder and side panels are made of neoprene. Black and yellow interior panels made of nylon. USCG approved – Type III.

Black/Green

8-0930	28" - 32" Chest	**$41.95 F**
8-0942	32" - 36" Chest	**$41.95 F**
8-0954	36" - 40" Chest	**$41.95 F**
8-0966	40" - 44" Chest	**$41.95 F**
8-0978	44" - 48" Chest	**$41.95 F**
8-0980	48" - 52" Chest	**$41.95 F**
8-0992	52" - 56" Chest	**$41.95 F**



Tighten Up 4-Belt Neoprene/Nylon Ski Vests

Individually sized and form fitting design. This competition style vest has four 1-1/2" wide belts for a secure fit. Black shoulder and side panels are made of neoprene. Red and yellow interior panels made of nylon. All PVC foam. USCG approved – Type III.

Hybrid Red/Black/Yellow

8-0790	28" - 32" Chest	**$40.95 F**
8-0803	32" - 36" Chest	**$40.95 F**
8-0815	36" - 40" Chest	**$40.95 F**
8-0827	40" - 44" Chest	**$40.95 F**
8-0839	44" - 48" Chest	**$40.95 F**
8-0841	48" - 52" Chest	**$40.95 F**
8-0853	52" - 56" Chest	**$40.95 F**



Tighten Up 4-Belt Neoprene/Nylon Ski Vests

Hybrid Blue/Black/Yellow

8-0723	28" - 32" Chest	**$41.95 F**
8-0735	32" - 36" Chest	**$41.95 F**
8-0747	30" - 40" Chest	**$41.95 F**
8-0759	40" - 44" Chest	**$41.95 F**
8-0761	44" - 48" Chest	**$41.95 F**
8-0773	48" - 52" Chest	**$41.95 F**
8-0785	52" - 56" Chest	**$41.95 F**



Tighten Up 4-Belt Competition Ski Vests

Individually sized for a true fit. This competition style vest has four 1-1/2" wide belts for secure comfort. Longer, tapered body fit and oversized arm openings for freedom of movement are important to the serious skier. All PVC foam. USCG approved – Type III.

Blue/Black/White

7-1685	28" - 32" Chest	**$34.95 F**
7-1690	32" - 36" Chest	**$34.95 F**
7-1695	30" - 40" Chest	**$34.95 F**
7-1700	40" - 44" Chest	**$34.95 F**
7-1705	44" - 48" Chest	**$34.95 F**
7-1710	48" - 52" Chest	**$34.95 F**
7-1715	XXXL	**$34.95 F**

Fire Red/Black/White

8-1021	30" - 40" Chest	**$33.95 F**
8-1069	52" - 56" Chest	**$33.95 F**



Tighten Up 4-Belt Family Ski Vests

Ski vests with large arm openings for non-restrictive body movement. Four 1-1/2" wide straps on adult sizes with loops keep strap from riding below the vest and buckles for a secure fit. Child, youth, and infant sizes have three belts. All are constructed of tough 200 denier nylon covering PVC foam. Sizes from baby to "Bubba". USCG Approved.

Blue/Navy

8-2009	Infant, Less than 30 lbs.	**$18.95 F**
8-2011	Child, 30 - 50 lbs.	**$18.95 F**
8-2023	Youth, 50 - 90 lbs.	**$18.95 F**
8-2035	28" - 35" Chest	**$29.95 F**
8-2047	32" - 40" Chest	**$29.95 F**
8-2059	40" - 50" Chest	**$29.95 F**
8-2061	50" - 60" Chest	**$29.95 F**

Marpac/Tighten Up Flotation



Tighten Up 4-Belt Family Ski Vests

Ski vest with large arm openings for non-restrictive body movement. Four 1-1/2" wide straps on adult sizes with loops keep strap from riding below the vest and buckles for a secure fit. Child, youth and infant sizes have three belts. All are constructed of tough 200 denier nylon covering PVC foam. Sizes from baby to "bubba". USCG Approved.

Red/Yellow

8-1920	Infant, Less than 30 lbs.	**$18.95 F**
8-1932	Child, 30 - 50 lbs.	**$18.95 F**
8-1944	Youth, 50 - 90 lbs.	**$18.95 F**
8-1956	28" - 32" Chest	**$29.95 F**
8-1968	32" - 40" Chest	**$29.95 F**
8-1970	40" - 52" Chest	**$29.95 F**
8-1982	50" - 60" Chest	**$29.95 F**



Tighten Up 3-Belt General Purpose Family Vests

Specifically designed for the general boating family who is looking for comfort, style and safety in an affordable vest. FEATURES: 200 denier nylon oxford fabric outer; All PE foam construction. USCG Approved.

Navy Blue/White

8-0500	(3600-4404) Infant, Less than 30 lbs.	**$15.95 F**
8-0512	(3332-4404) Child, 30 - 50 lbs. 20" - 25" Chest	**$15.95 F**
8-0524	(3352-4404) Youth, 50 - 90 lbs. 25" - 29" Chest	**$15.95 F**
8-0536	(3570-4404) 30" - 52" Chest	**$16.95 F**
8-0548	(3580-4404) 40" - 60" Chest	**$16.95 F**



Tighten Up 3-Belt General Purpose Vests

Specifically designed for the general boating family who is looking for comfort, style and safety in an affordable vest. FEATURES: 200 denier nylon oxford fabric outer; All PE foam construction. USCG Approved.

Yellow/Blue

7-1650	(3332-2333) Child, 30 - 50 lbs. 20" - 25" Chest	**$15.95 F**
7-1655	(3352-2333) Youth, 50 - 90 lbs. 25" - 29" Chest	**$15.95 F**
7-1660	(3570-2333) 30" - 52" Chest	**$16.95 F**
7-1663	(3580-2333) 40" - 60" Chest	**$16.95 F**



Tighten Up 3-Belt General Purpose Vests

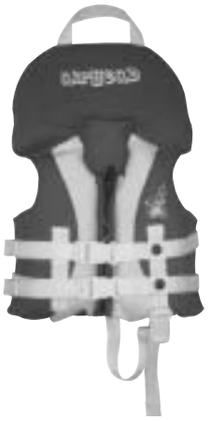
Specifically designed for the general boating family who is looking for comfort, style and safety in an affordable vest. FEATURES: 200 denier nylon oxford fabric outer; All PE foam construction. USCG Approved.

Fire Red/Blue

8-0550	(3600-4403) Infant, Less than 30 lbs.	**$15.95 F**
8-0562	(3332-4403) Child, 30 - 50 lbs. 20" - 25" Chest	**$15.95 F**
8-0574	(3352-4403) Youth, 50 - 90 lbs. 25" - 29" Chest	**$15.95 F**
8-0586	(3570-4403) 30" - 52" Chest	**$16.95 F**
8-0598	(3580-4403) 40" - 60" Chest	**$16.95 F**

SKIS, BOARDS, TUBES, FLOTATION

Airhead Vests



Airhead Infant 2-Belt Neoprene Vest - Blue/Red/Yellow

593942 (10128) Infant **$42.95 F**



Airhead Nylon PFD Vests

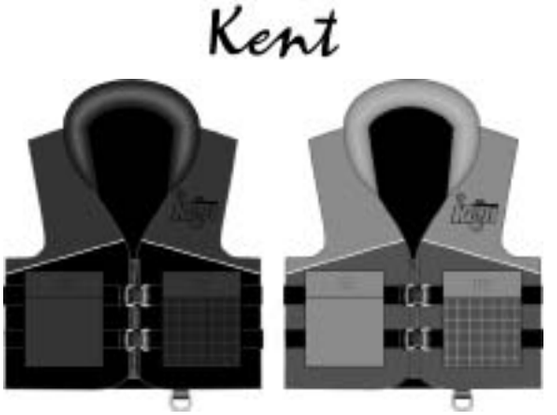
589310	(10676)	Youth	**$17.95 F**
589312	(10677)	Small/Medium	**$26.95 F**
589324	(10678)	Large/X Large	**$26.95 F**

Kent Fishing Vests

Kent Deluxe Sized Fishing Vests

Our top of the line fishing vest for the serious sport fisherman. FEATURES: Heavy-duty reinforced construction; 200 denier nylon outer shell; Two 1-1/2" full body belts w/buckle; 2 extra large full pockets w/flap closure (left pocket is a double pocket design with mesh outer; Comfortable safety collar' D-ring kill switch attachment; Strength tested at 100mph (not tested for personal protection from impact); All PE foam construction; Made in U.S.A.; U.S. coast guard approved Type III.

589018	(7673-2065)	M	Gray/Charcoal	**$42.95 F**
592483	(7674-2065)	L	Gray/Charcoal	**$42.95 F**
592558	(7674-2066)	L	Blue/Black	**$42.95 F**
592495	(7675-2065)	XL	Gray/Charcoal	**$42.95 F**
592560	(7675-2066)	XL	Blue/Black	**$42.95 F**
592508	(7676-2065)	XXL	Gray/Charcoal	**$42.95 F**
592572	(7676-2066)	XXL	Blue/Black	**$42.95 F**
592510	(7677-2065)	XXXL	Gray/Charcoal	**$42.95 F**

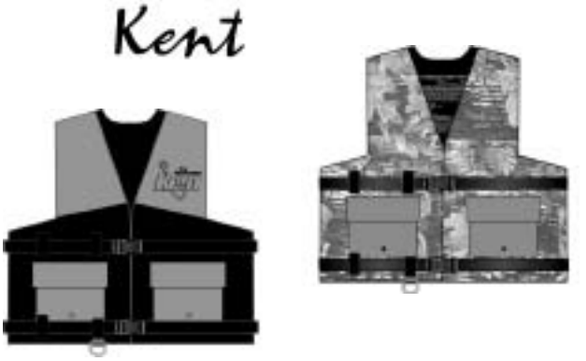




Kent Universal Sized Fishing Vests

Uniquely designed for the fisherman who wants style and comfort at an affordable price. FEATURES: Military twill 20/20 fabric outer shell; PE foam construction; Two 1" body belts; 2 full pockets with flap closure; D-ring kill switch attachment; Made in U.S.A.; U.S. coast guard approved.

592116	(3870-39)	Adult/Tan	**$22.95 F**
592053	(3870-0101)	Adult/Blue	**$22.95 F**
592128	(3880-39)	Adult/Tan	**$23.95 F**
592065	(3880-0101)	Adult/Blue	**$23.95 F**



Kent Deluxe Dual-Sized Fishing Vests

A new design for the active fisherman that will not hinder movement. FEATURES: 200 denier nylon outer shell; Two pocket design; U.S. coast guard approved type III; All PE foam construction.

592255	(3673-3060)	L/XL - Camo	**$34.95 F**
592267	(3673-5059)	XXL/XXXL - Camo	**$34.95 F**
592279	(3674-3060)	ESL - Camo	**$34.95 F**

Safegard Type II Boating Vests



Safegard Type II Boating Vests

Standard Yoke Vest, essential for your everyday boating needs and every canoe livery operation. Standard boxed yoke unit hangs for easy drying. USCG Approved Type II PFD. Color: Orange.

586644 (4280) Adult - XXL Large 40" - 60" Chest		**$8.95 F**
586666 (4270) Adult		**$8.95 F**
586670 (4250) Youth - Medium		**$8.95 F**
586682 (4230) Child - Small		**$8.95 F**



Safegard Storage Bag with 4 Adult Type II Boating Vests

This life jacket storage bag comes with 4 Adult Type II Boating Vests. The clear window makes it easy to verify contents while a mesh upper panel allows air to circulate. Handles are located on each side for carrying convenience. It is easily cleaned with soap and water. Ideal for life vest storage.

586555 (420719) Includes: 4 Adult Type II Boating Vests **$40.95 F**



Safegard Life Jacket Storage Hassock

This life jacket storage hassock holds up to 6 Type II PFDs. The clear window makes it easy to verify contents while a mesh upper panel allows air to circulate. Handles are located on each side for carrying convenience. It is easily cleaned with soap and water. Ideal for life vest storage. Measures: 12-1/2" x 20" x 15".

586543 (4210-03) Bag Only **$10.95 F**

Mustang Inflatable PFDs



Mustang AirForce™ Inflatable PFDs

Compact design lays flat against chest for freedom of movement. Comfortable inflated and uninflated. Non-corrosive quick-release buckle. Repacking is quick and easy. Features: Comfortable Neoprene collar. Durable 40 denier ripstop nylon. Deluxe models have safety inspection window that indicates inflator is ready for use. Backup oral inflation tube. Other colors available by special order.

350570 (MD3003) Manual	Navy		**$201.95 E**
350582 (MD3031) Automatic	Navy		**$244.95 E**
350619 (MA7170) Rearm Kit for **350570** (3003)			**$20.95 D**
350621 (MA7172) Rearm Kit for **350582** (3031)			**$27.95 D**



Mustang Deluxe Inflatable PFDs

For those wanting the security of automatic inflation. The auto-bobbin activated Deluxe Inflatble PFD uses inflator technology that incorporates a small bobbin containing cellulose powder. When the inflator is immersed in water, the powder dissolves, releasing a firing mechanism that automatically inflates the PFD - will also inflate manually by pulling the activation cord. Neoprene comfort collar eliminates neck irritation. High performance inflatable cell with 35 lb. of buoyancy - more than double a regular lifejacket. D-ring. Universal Adult (30" - 52" Chest).

350594 (MD3085) Manual	Navy/Carbon		**$234.95 E**
350607 (MD3087) Automatic	Navy/Carbon		**$276.95 E**
350633 (MA7202) Rearm Kit for **350607** (3087)			**$33.95 D**
350645 (MA7203) Rearm Kit for **350594** (3085)			**$24.95 D**

SKIS, BOARDS, TUBES, FLOTATION

Safegard Commercial Vests



586012



586101

Safegard Type I Commercial Vests

Permafloat foam flotation, covered in orange nylon. Polypropylene straps, stainless steel snaps and D-rings. Reflective patches are sewn as required for all commercial vessels. Yoke type for easy storage. Ideal for ferry and large passenger vessels. 22 lbs. flotation. USCG approval #160.055/149/0.

586012 (160RT) Adult		**$54.95 H**
586013 (161RT) Child		**$51.95 H**
586000 (160RT) Adult - 4 Pack		**$137.95 E**

Safegard Type I SOLAS Commercial Vests

Constructed of sturdy nylon fabric cover, lightweight closed cell foam flotation, heavy webbing that resists UV deterioration and stainless steel hardware. Dimensions: 12" W x 24-1/2" L x 4-1/2" H. USCG Approvals #160.055/170/0 and 160.155/6/0 (SOLAS). Minimum buoyancy is 35 lbs (Adult) and 17 lbs (Child).

586101 (225RT) Adult		**$57.95 H**
586125 (226RT) Child		**$54.95 H**

Storage Packs for Life Jackets

Kwik Tek T-BAG

Life Jackets Not Included



587658



587660

Kwik Tek T-Bag T-Top Storage Packs

Specially designed storage packs that easily mount to most T-Tops, bimini tops and pontoon tops. They are designed to hold Type II life jackets and other gear. Main compartment has a nylon zipper for easy access to life jackets. Also features 2 zippered compartments and 3 mesh pockets to organize gear or other items. Stretch cord zig-zagging across bottom for towels, rain gear, etc. Made of 600-denier UV and water-resistant polyester pack cloth. LIFE JACKETS NOT INCLUDED.

587658 (PFD-T4) Hold 4 Jackets	25" W x 20" D x 6" H		**$39.95 F**
587660 (PFD-T6) Hold 6 Jackets	37" W x 20" D x 6" H		**$44.95 F**

Safegard Boat Seat Cushions



Safegard Boat Seat Cushions

Standard cushions are all nylon and provide UV deterioration resistance. USCG Approved Type IV throwable devices.

586757 (8078-03)	Blue		**$10.95 F**
586769 (8078-01)	Red		**$10.95 F**
586777 (8078-02)	White		**$10.95 F**
586822 (8082)	Camouflage (Mossy Oak)		**$12.95 F**

Doggie Vests



Texas Recreation Super Soft® Doggie Vests

Made of soft Ensolite vinyl-coated foam with adjustable buckles for best fit. All dogs can swim, but they tire easily and a Doggie Vest adds to their safety and endurance. White only.

708808	(2512504) Small	Chest Size: 10" - 14"	**$25.95 F**
708810	(2513004) Medium	Chest Size: 14" - 18"	**$27.95 F**
708822	(2513504) Large	Chest Size: 18" - 22"	**$28.95 F**
708834	(2514004) X-Large	Chest Size: 22" - 26"	**$36.95 F**



Kent Dog Vest Series

Special design made to keep your pet safe. Large size range to fit any size dog. 200 Denier nylon fabric outer shell. D-Ring leash attachment. Made in USA. Color: Black/Yellow.

593904	(6600-1054) Small	20-35 lbs.	**$14.95 F**
593916	(6610-1054) Medium	35-60 lbs	**$16.95 F**
593928	(6620-1054) Large	60-80 lbs	**$17.95 F**
593930	(6630-1054) X-Large	Over 80 lbs.	**$19.95 F**



Swim Belts

Great for times when you want some buoyancy without wearing a vest. Excellent as a swim assist or to wear while doing water aerobics. This is NOT a Coast Guard approved flotation device. Yellow.

708799	(2022512)	Small	**$31.95 F**
708801	(2023012)	Medium	**$32.95 F**
708803	(2023512)	Large	**$34.95 F**
708805	(2024012)	X Large	**$36.95 F**
708807	(2014512)	XX Large	**$47.95 F**

Ski Tows



Stainless Steel Plug-In Ski Tow

Simply insert the Ski Tow into your rear deck seat base. Keeps rope clear of motor and prop when towing skiers. Height 31". Threaded pin is stainless steel to prevent rusting. Designed to fit 3/4" pin type and 1.77" tube type bases.

587812	(903-008-T)	31″	**$255.95 F**
587125	(SP-950-T)	Hardware Kit	**$60.95 F**



Adjustable Height Ski Tow

Post material is constructed with 7/8″ and 1″ stainless steel tubing. Features a quick disconnect hitch pin system for easy assembly and removal. The telescoping brace arms all for custom fitting to most boats. Height adjustment from 28″ - 33″. Support arms attachment is yoke style. Pro-swivel aluminum head, nylon brace feet, and stainless steel pylon foot.

588006	(96008)	28″ - 33″	**$269.95 F**

SKIS, BOARDS, TUBES, FLOTATION

Attwood Ski Mirrors



Attwood Wide View Ski Mirror
For installation on windshields 1/2" to 1" thick (or thinner with customer's own spacer). Provides an extra-wide glass lens for safe visibility. Molded plastic frame. Polished convex lens and adjustable base. Includes allen wrench. 11-3/4" wide x 4" high.

237609 (13065-4) **$33.95 H**



Attwood Ski Mirror
Universal mount installs on dash or windshield up to 3/4" thick. Shatterproof, 180° convex lens that eliminates blind spots. Mirror is compact and lightweight, constructed of zamak with Perma-Plate chrome finish. Adjusts to any position up and down or side to side, then secures the mirror in desired location. 7-5/16" W x 2-1/2" H. Sold each per display box. Standard pack 6.

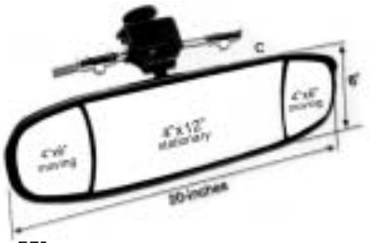
237607 (9083-4) **$30.95 H**

CIPA Marine Mirrors



CIPA Comp Boat Mirror
CIPA approved by Alabama 78 square inch state law. 7" x 14" lens gives maximum rear view safety. Available with Convex glass lens for true rear view. Noncorrosive materials. Custom bracket windshield frame mounting included.

242355 (MICW/8875) 7" X 14" **$145.95 H**



CIPA Extreme Mirror
Multi-lens, one stationary, two adjustable, universal quick mount, anti-scratch windshield bracket mount to rectangular or round frames from 3/8" to 1-1/4" thick.

242420 (02022) 7" x 20" - Black **$140.95 H**



CIPA Ellipse Mirror
Multi-lens, one stationary, two adjustable, universal quick mount, anti-scratch windshield bracket mount to rectangular or round frames for 3/8" to 1-1/4" thick.

242393 (02002) 4" x 11" - Black **$67.95 H**



CIPA Comp II Mirror
Permanent or temporary mounting above or below windshield frame.

242381 (11080) 4" x 11" - Black **$64.95 H**



CIPA Economy Boat Mirror
Universal, mounts above or below windshield or to dash. Fully adjustable.

242406 (11119) 3" x 8" - Black **$15.95 H**



CIPA Safety Mirror
Universal mount, fits windshields 5/8" to 1" thick.

242379 (11140) 4" x 8" - Black **$31.95 H**



CIPA Suction Cup Mirror
Attaches to any clean, smooth, non-porous surface, dash, console or windshield. Mount fully adjustable.

242367 (11050) 4" x 8" - Black **$23.95 H**



CIPA PWC Sport II Mirror
Fits right or left sides. White.

242418 (11121) 3-1/2" x 6-1/4" **$29.95 H**

Boat Waxes - Liquid



Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

Star Brite Marine Polish

Lasts up to 4 times longer than other polishes. Equally good for new and older boats. No hard rubbing required. Helps stop fading from UV rays. Liquid. Standard pack 12.

625080 (80116) 16 fl. oz. **$13.95 F**



Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

Star Brite Poly System One

For long lasting shine and protection. Polymer protectant for fiberglass, paint and metal. Easy to apply and mistake-proof. Do a 24 ft. boat in less than one hour. Activates, lusterizes and seals in one step. Liquid. Sold each. Standard pack 6.

625143 (81116) 16 fl. oz. **$13.95 F**



3M

3M Marine Scotchgard Liquid Wax

Designed for the harsh marine environment and provides protection from the suns damaging ultraviolet rays. Safe for use on fiberglass, gelcoat, marine topside paints, and marine metals. Liquid.

857375 (09061) 500 ml **$13.95 E**
857376 (09062) 1 Liter **$33.95 H**



RejeX

RejeX is a thin-film polymer coating designed to provide a high-release surface. This very thin film – less than a micron thick – prevents stains and adhesion of common contaminants such as exhaust, bugs, oil, tree sap, bird droppings, road grime, brake dust, etc. It can be applied to windshields to repel rain. It's easy to apply and produces a deep, lustrous shine that outlasts the most popular waxes by months. RejeX contains none of the free silicone oils found in some other products that are known to contaminate paint and cause problems when repainting.

302947 (61002) 12 fl. oz. **$18.95 G**

marPRO

Marpro Tough Guy Wax

Easy on/Easy off! Contains 100% Carnauba wax, U.V. sunlight inhibitors and fluorocarbon polymer resins. Stays liquid longer, can be applied to larger areas at a time before hardening. Can be applied in sun or cold and one application lasts a whole season! Perfect for fiberglass, chrome, gelcoat, rubber and vinyl for boats, RV's, automobiles, airplanes, motorcycles and more!

7-2734 16 fl. oz. **$11.95 G**



Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

Star Brite
Premium Marine Polish with PTEF®

The ultimate protection for fiberglass, metal and painted surfaces, lasts up to 6 times longer than other marine waxes. UV inhibitors help stop fading and oxidation. Leaves a super smooth, non-stick coating which reduces drag and repels dirt, grime, oil and stains. Race tested; increases hull speed. For medium to heavy oxidation, use Premium Cleaner Wax. Standard pack 12.

625181 (85716) 16 fl. oz. **$17.95 F**
625218 (85732) 32 fl. oz. **$27.95 F**



3M

3M Marine Protective Wax

Designed to provide high gloss and protect fiberglass/gelcoat, marine topside paints, painted aluminum and marine metal parts. Easy on/easy off formula which also retards ultraviolet light damage. Liquid.

857308 (09026) 16 fl. oz. **$13.95 E**
857322 (09027) 32 fl. oz. **$19.95 E**



CRC

CRC Maxi Wax

Deep cleans while giving maximum shine and long lasting protection against weather, salt, fading, chalking and oxidation. This special formula has ultraviolet inhibitors to combat the harmful effects of the sun. Ideal for all fiberglass and metal surfaces.

216405 (MK2000) 16 fl. oz. **$13.95 F**
216412 (MK2001) 32 fl. oz. **$20.95 F**
216415 (MK20012) Gallon **$51.95 F**



Boat Waxes - Liquid





Meguiar's Pure Boat Wax
Durable high gloss protection for fiberglass and all painted surfaces. Blend of pure Brazilian carnauba wax with silicones, polymers and resins to maintain extraordinary gloss and protection. Protects against the sun's ultraviolet rays. Liquid. 6 per case.

628365 (M4516) 16 fl. oz. Boat/RV Polish **$10.95 F**
628430 (M5616) 16 fl. oz. Boat/RV Pure Wax **$12.95 F**



Meguiar's Flagship Premium Marine Wax
Dramatically enriches color and shine. Adds tough, long-lasting protection. Removes light oxidation and dullness. Protects gelcoat from UV damage. Liquid. 6 per case.

628454 (M6316) 16 fl. oz. **$19.95 F**

Spray Wax



Marpro Spray Fast Wax
Just spray and wipe to add a sparkling high performance wax! Perfect for touchups. A quick and easy wet or dry application. Perfect for use on fiberglass, all painted surfaces and stainless steel. Do not use on glass windows.

7-2738 16 fl. oz. **$7.95 G**



Star Brite
Marine Formula Spray Wax
Protects against salt, sun and weathering. Convenient spray application. Long lasting. For fiberglass, metal and painted surfaces. Standard pack 12.

625042 (82422) 22 fl. oz. **$12.95 F**



CRC Highlight™ Spray Wax
A highly concentrated formula of rich waxes. Will give your boat that rubbed in shine instantly. It waxes, polishes & protects fiberglass, chrome, brass, stainless steel & vinyl. It shines bright in the galley.

216526 (MK2618) 18 fl. oz. **$8.95 F**



3M Marine Clean and Shine Wax
It is a quick and easy, "spray on/wipe off" product that recaptures that "just waxed" look and feel. Excellent for use on wet or dry surfaces; no water needed! May also be used to enhance the shine of your boats fiberglass gelcoat, marine topside paint, painted aluminum or metal parts. Liquid.

857373 (09033) 15 fl. oz. **$10.95 E**



Meguiar's Quick Spray Wax
Provides incredible gloss with light wax protection, quickly and easily. Excellent for maintaining brilliant gloss and protection between periodic waxings. Perfect for use on fiberglass, painted surfaces (including painted aluminum), stainless steel, clear plastic and other non-porous surfaces. Liquid.

628442 (M5916) 16 fl. oz. **$8.95 F**

Boat Waxes - Paste



3M Marine Protective Wax
Designed to provide high gloss and protect fiberglass/gelcoat, marine topside paints, painted aluminum and marine metal parts. Easy on/easy off formula which also retards ultraviolet light damage. Paste. Ultra Perfection.

857358 (09030) 9.5 oz. **$21.95 E**



Star Brite Presoftened Boat Wax
Easy to use presoftened wax formula, provides a deep, rich shine. Long lasting protection against fading, chalking and oxidation. Use on fiberglass, aluminum, chrome, and on painted surfaces. Cleans, shines and protects in one easy step. May be applied in direct sunlight. Standard pack 12.

625028 (82314) 14 oz. **$12.95 F**



CRC Marine Cleaner Wax
Specially formulated paste wax for cleaning and polishing fiberglass. Buffs to a high gloss shine. Easy to use. May be applied by hand or electric buffer.

216742 (MK8216) 16 oz. **$13.95 F**



CRC Trewax® Boat Paste Wax
Contains Carnauba. Leaves a hard, brilliant finish w/long lasting durability. Use on fiberglass, painted surfaces, aluminum, chrome, stainless steel. Protects against the adverse effects of sun, salt, rain, etc.

216716 (MK66) 12 oz. **$21.95 F**



Meguiar's Maximum Mold Release Wax
The industry's first and still most widely used mold release wax. Wax of choice when maximum release power is required. Excellent for breaking in new molds and tooling.

628290 (M0811) 11 oz. **$10.95 F**

Cleaning Kits

NEW ITEM



Meguiar's Flagship New Boat Owner's Kit
A complete starter kit for every new boat owner who wants to care and maintain their new investment. Three specialized products will help to keep a boat looking new. Includes No. 65 Flagship Premium Marine Wash, No. 63 Flagship Premium Marine Wax, No. 52 Quik Clean and an Applicator Pad.

628303 (M6375) **$30.95 F**



Star Brite 6 Pack Sampler Kit
Kit includes: 8 fl. oz. Instant Black Streak Remover, 8 fl. oz. Non-Skid Deck Cleaner, 8 fl. oz. Instant Hull Cleaner, 8 fl. oz. Rust Stain Remover, 8 fl. oz. Premium Marine Polish and 8 fl. oz. Sea Safe Biodegradable Boat Wash.

431330 (94300) **$27.95 F**

Color Restorers



Marpro Liquid Compound and Color Restorer

Advanced blend of rubbing compound combined with a proprietary color restorer formula. Will remove medium to heavy oxidation, chalking, rust, soot and exhaust stains from fiberglass. Leaves a high gloss finish and is a perfect first step in restoring fiberglass and gelcoat to its original shine and color. Follow with our Tuff Wax Sealant to provide the longest lasting protection available. Clean up is fast and dust free. Rinses off easily with water or a clean towel.

7-2740 16 fl. oz. **$11.95 G**



Marpro Cleaner Wax

Removes medium oxidation and chalking, rust and exhaust stains. One-step process. Leaves behind a slick, hard, high gloss barrier that protects against U.V. sunlight, acid rain, exhaust stains, salt and soot. Lasts for a whole season!

7-2736 16 fl. oz. **$11.95 G**



3M Marine "One Step" Fiberglass Cleaner and Wax

Designed to remove light to medium oxidation, clean, polish and protect fiberglass/gelcoat and marine topside paints. Liquid.

857233 (09009) 16 fl. oz. **$13.95 E**
857245 (09010) 32 fl. oz. **$21.95 E**
857257 (09011) Gallon **$88.95 H**



3M "One Step" Fiberglass Restorer and Wax

Designed to remove heavy oxidation, chalking, fading, minor scratches, rust and exhaust stains. Provide protection on fiberglass/gelcoat and marine topside paints.

857168 (09005) 16 fl. oz. Liquid **$14.95 E**
857182 (09006) 32 fl. oz. Liquid **$23.95 E**
857194 (09007) Gallon Liquid **$97.95 E**
857207 (09012) 18 oz. Paste **$19.95 H**

NEW ITEM



3M Marine Color/Gloss Restorer

Resurrect the gloss in your boat's gelcoat with this compound/polish that combines an exceptionally fast cutting compound with a finishing material in one. It removes light to heavy oxidation, scratches, stains, blemishes, and fine swirl marks that compounding normally leaves behind on fiberglass gelcoat. Contains no wax or silicone. Use by hand or with electric/air powered machine.

857260 (09089) 500 ML **$28.95 H**

Color Restorers



Star Brite Fiberglass Color Restorer

Brings back original color and lustre. Will not scratch or harm gelcoat. Removes heavy oxidation, chalking and fading. Seals surface to protect against future fading and weathering. Excellent for all dark colored boats. Standard pack 12.

624886 (81816) 16 fl. oz. **$13.95 F**



Priced Each. Sold in Case of 6 Only.

Meguiar's Color Restorer

Safely removes moderate oxidation, stains and blemishes on all fiberglass and painted surfaces. Revives faded, oxidized surfaces to their original vibrant color. Safe alternative to a rubbing compound. **6 per case. Priced each.**

628353 (M4416) 16 fl. oz. **$10.95 F**

NEW ITEM



Meguiar's One Step Clearner Wax

A non-abrasive formula that cleans, polishes and protects all boats and RV's in one easy step. Removes light oxidation and haze, minor scratches and swirls. Provides long-lasting protection against salt air, corrosion and the sun's ultraviolet rays.

628391 (M5001) Gallon **$52.95 F**

Star brite

NEW ITEM



Star Brite Premium Cleaner Wax with PTEF

Unique formula cleans and restores fiberglass, metal and painted surfaces and leaves a protective coating, all in one step. Wipe on and buff off to remove oxidation, chalk and fading from dull fiberglass surfaces. Leaves a polymer coating with UV inhibitors to maintain restored finish. Easy-to-apply liquid formula.

625220 (89616) 16 fl. oz. **$13.95 F**



Meguiar's One Step Boat Cleaner/Wax

A non-abrasive formula that cleans, polishes and protects all boats in one easy step. Removes light oxidation and haze, minor scratches and swirls. Provides long-lasting protection against salt air, corrosion and the sun's ultraviolet rays. Liquid.

628404 (M5016) 16 fl. oz. **$12.95 F**
628428 (M5032) 32 fl. oz. **$20.95 F**

NEW ITEM



Meguiar's One Step Compound

This aggressive, yet safe, one-step compound will clean and restore gloss to the gel coat surface in one step. Removes moderate-heavy oxidation, scratches, stains and tough water spots on all fiberglass and painted gel coat marine or RV surfaces.

628381 (M6732) 32 fl. oz. **$22.95 F**

Rubbing Compound



Star Brite Paste Rubbing Compound for Medium Oxidation

For fiberglass, metal and painted surfaces. Great for hand or buffer application. Removes stains, medium oxidation and scratches. Presoftened paste formula. Does not set up like most rubbing compounds so removal is quick and easy. Standard pack 12.

624949 (82614) 14 oz. **$9.95 F**



Star Brite Liquid Rubbing Compound for Medium Oxidation

Removes stains, medium oxidation and scratches. For fiberglass, metal and painted surfaces. Convenient liquid formula. Great for hand or buffer application. Does not set up like most rubbing compounds so removal is quick and easy. Standard pack 12.

624925 (81316) 16 fl. oz. **$9.95 F**



3M Perfect-It III Extra Cut Rubbing Compound

Designed for Automotive Paint Systems. It has all the features, advantages and benefits of Perfect-It III Rubbing Compound with increased aggressiveness to remove 1000 - 1200 scratches.

856964 (06060) Quart **$65.95 H**



CRC Trewax® Rubbing Compound

Restores color and luster to dull faded fiberglass. Professional heavy duty formula. Removes chalking, oxidation, fine scratches, stains and embedded surface marks. Will not harm gel coat. Ideal preparation before waxing.

216689 (MK64) 24 oz. **$16.95 F**



3M Finesse-It™ Marine Paste Compound

Designed for aggressive compounding of gelcoated fiberglass surfaces. This product is well suited for boat reconditioning of heavily oxidized surfaces/ finishes. White. Paste. Sold each. Standard pack 4.

856926 (06039) Gallon **$59.95 H**



3M Super Duty Rubbing Compound

For fiberglass and painted boats. Fast cut formula. Contains no wax and silicone. Removes scratches and heavy oxidation. Standard pack 6.

857175 (09004) Pint **$10.95 E**



3M Super Duty Rubbing Compound

Recommended for heavy aggressive compounding of oxidized gelcoat and marine paint. Contains no silicone. Buffs to a high gloss. Sold each.

856863 (05954) Quart **$27.95 H**
856875 (05955) Gallon **$91.95 H**

Rubbing Compound



3M Imperial Microfinishing Compound
It is specially formulated medium cut compound recommended for removing grade microfine 1200, 1500 and 2000 sand scratches in marine paints. Sold each. Standard pack 12.

856887 (06011) Quart **$37.95 H**



3M Imperial Compound and Finishing Material
It has a fast cut and leaves an excellent finish without swirl marks. This liquid compound and finishing material is designed to remove a P600 or P800 dual action sand scratch from gelcoat, with a wool pad. Designed to be used with an air or electric buffer (1500 - 2500 RPM) equipped with a 3M Compounding Buff Pads.

856899 (06044) 32 fl. oz. **$53.95 H**



3M Marine High Gloss Gelcoat Compound
Designed to quickly remove P600 dual action or 1000 wet sanding scratches from production gelcoat. This compound contains no wax or silicone and leaves a high gloss finish without swirl/wheel marks. It has a unique formulation which reduces slinging while buffing.

856890 (06025) Gallon **$84.95 H**



3M Imperial Hand Glaze
Recommended for use by hand to increase surface gloss and to clean up spatter or residue after machine glazing all types of refinish or factory applied automotive paints. To minimize the possibility of staining, do not apply in direct sunlight or onto a hot surface.

856902 (05990) Quart **$30.95 H**



3M Finesse-It™ II Finishing Material
Designed for use on topside paint systems to remove swirl marks after compounding, while leaving a glazed finish. Contains no silicone or wax. Removes light to medium oxidation on gelcoat for boat reconditioning. Sold each. Standard pack 12.

857176 (09048) Pint **$20.95 E**
856952 (05928) Quart **$60.95 H**

Oxidation Removal



Priced Each. Sold in Case of 6 Only.

Meguiar's Heavy Duty Oxidation Remover

Removes heavy oxidation, scratches, stains and tough water spots on all fiberglass and painted surfaces. Restores color by effectively removing surface degradation. Safe alternative to a rubbing compound. **6 per case. Priced each.**

628377 (M4916) 16 fl. oz. **$10.95 F**



NEW ITEM

Meguiar's Fiberglass Restoration System

A specialized three-step system developed to restore the original look of faded or damaged fiberglass gel coat surfaces. 1. No. 49 Oxidation Remover will remove oxidation, stains, and scratches. 2. No. 45 Polish will restore brilliant gloss to the finish. 3. No. 56 Pure Wax will provide long-lasting, durable protection to the restored surface.

628379 (M4965) **$30.95 F**

Boat Washes and Soap



Marpro Premium Wash and Wax with Carnauba

Clean, Shine and Protect in one easy step! Non-toxic and biodegradable. Premium grade cleaner for fiberglass, metal and painted surfaces. Blended with real carnauba wax so you replenish your wax while you wash.

7-2732 32 fl. oz. **$10.95 G**



Marpac Boat Wash

Heavy duty concentrated formula. Liquid. Sold each. Standard pack 4.

7-1093 Gallon **$14.95 F 4Q**



Sudbury Boat Zoap™ Plus

Heavy duty, works like powders without the abrasion. Double-action emulsification removes scum, smudges, oil and grease. Ideal for fiberglass. Will not damage finish or gelcoat surfaces. Not for use on sails or fabrics. 98% biodegradable earth-friendly formula. Liquid. **Priced each.**

583408 (810-Q) 32 fl. oz. **Sold by Case of 6** **$10.95 F**
583410 (810-G) 128 fl. oz. **Sold by Case of 4** **$27.95 F**

Boat Washes and Soap



Meguiar's Quick Clean Marine
Quickly and safely removes fresh water spots, mineral deposits, salt spray, boat scum and other fresh contaminants. Easy spray and wipe maintains your boat's high gloss finish between washings.

628492 (M5216) 16 fl. oz. **$7.95 F**



Meguiar's Boat/RV Gel Wash
Biodegradable wash lifts boat scum, dirt, salt spray, grime, bird droppings and other fresh contaminants. Does not strip wax. Conditioners in wash increase shine and slickness. Sheeting action greatly reduces drying time.

628517 (M5416) 16 fl. oz. **$5.95 F**



CRC Super Suds™ Boat Soap
A modern, synthetic detergent that contains no soaps. It cleans by chemical action making cleaning easier. It has been formulated for washing glassware, pots, pans and utensils.

216463 (MK2232) Quart **$9.95 F**
216475 (MK22128) Gallon **$23.95 F**



CRC Roll Away™ Boat Wash
Water activated to clean and leave a shine on fiberglass hulls and decks. Extra strong formula works great on vinyl, formica, metal, hardware, fenders, canvas and sails. Contains no phosphates.

216704 (MK6532) Quart **$10.95 F**



3M Multipurpose Boat Soap
Concentrated formula designed to clean anything from dirty decks to soiled fabrics to degreasing engines. Mix concentrate with water for desired cleaning strength. Cleans grease, oil, grime, algae, fish blood, dirt, etc. on hulls, decks, upholstery, canvas, carpet and engines. Liquid.

857396 (09034) 16 fl. oz. **$8.95 E**
857409 (09035) 32 fl. oz. **$16.95 H**

Boat Washes and Soap



Star Brite Boat Wash in a Bottle
Leaves hulls, decks, chrome and fittings sparkling. Economical – a few capfuls clean a 20 ft. boat. Biodegradable. Nonstreaking, does not leave residue. Liquid. Standard pack 12.

624800 (80416) 16 fl. oz. **$5.95 F**

Star Brite Easy Scrub
Cleans ground-in dirt and stains from fiberglass, metal, plastic, mica, tile and painted surfaces. Excellent for cleaning stainless steel sinks. Special heavy duty formula with mild abrasives. Does not contain phosphates – environmentally safe. Liquid. Sold each. Standard pack 12.

625383 (87516) 16 fl. oz. **$5.95 F**





Star Brite
Super Green Heavy Duty Cleaner
Super cleaner whisks away dirt, grease and oil, is safe, does not contain acids, alkalies or other harsh chemicals and is an environmentally friendly, biodegradable formula. Simple spray or wipe on, wipe off application. An incredible general purpose cleaner with 100's of uses; use on metal, fiberglass, painted surfaces, mica or finished wood.

625390 (91622) 22 fl. oz. **$8.95 F**

Star Brite Sea Safe Boat Wash
Environmentally friendly, biodegradable formula. Cleans away dirt, stains, grease, oil and salt. Use on fiberglass, metal, glass, rubber and painted surfaces. Concentrated for heavy duty cleaning. Liquid. Sold each. Standard pack 12.

624802 (89732) 32 fl. oz. **$8.95 F**





Star Brite Power Pine Boat Wash
Concentrated formula makes 96 gallons (32 fl. oz. size) or 384 gallons (1 gallon size) Dissolves in fresh or salt water. Environmentally safe, biodegradable. Cleans fiberglass, painted surfaces, fish boxes, windows, canvas, rugs, brightwork, etc. Liquid. Sold each. Standard pack 12.

625690 (93732) 32 fl. oz. **$13.95 F**
625689 (93700) Gallon **$43.95 F**

Star Brite
Power Pine Boat Wash and Wax
Concentrated formula makes 96 gallons (32 fl. oz. size) or 384 gallons (1 gallon size) Dissolves in fresh or salt water. Environmentally safe, biodegradable. Use to clean, shine and protect all fiberglass, painted surfaces, glass, plastic and metals. Liquid. Sold each. Standard pack 12.

625691 (94732) 32 fl. oz. **$14.95 F**
625692 (94700) Gallon **$44.95 F**



NEW ITEM



Star Brite Sea Safe Wash and Wax
Biodegradable formula cleans, shines and leaves a protective coating all in one step. Cleans, shines and protects in one easy step. Concentrated for economical use. Leaves a protective coat of wax on surface. No hard rubbing or buffing required. Excellent for use on fiberglass, metal and painted surfaces.

624790 (89737) 32 fl. oz. **$12.95 F**

Marpro Boat Care Display



Marpro Boat Care Display

Display offers a variety of maintenance products to choose from. Marpro products saves your customers money and increases your profit. Includes attractive header card.

(4) 7-1031 - Salt Terminator - Quart
(2) 7-1032 - Salt Terminator - Gallon
(4) 7-1033 - Salt Terminator Kit - Quart
(2) 7-1088 - EZ-ON EZ-OFF Cleaner - Gal.
(4) 7-1090 - Formula Nine - Gallon
(4) 7-1089 - EZ-ON EZ-OFF Cleaner - Qt.
(4) 7-1091 - Formula Nine - 22 oz.
(4) 7-1093 - Boat Wash - Gallon
(4) 7-1095 - Deck Cleaner - Gallon
(4) 7-1097 - Hull Cleaner - Gallon
(4) 7-1099 - Bilge Cleaner - Gallon
(4) 7-1340 - Salt Terminator Spray - 12 oz.
(4) 7-2724 - Spider Stain Remover - 32 oz.
(4) 7-2728 - CSS Toilet Treatment - 32 oz.
(4) 7-2732 - Premium Wash & Wax - 32 oz.
(4) 7-2734 - Tough-Guy Wax - 16 oz.
(4) 7-2736 - Cleaner Wax - 16 oz.
(4) 7-2738 - Spray Fast Wax - 16 oz.
(4) 7-1084 - Black Streak/Fish Blood Remover - Gallon
(4) 7-1085 - Black Streak/Fish Blood Remover - 22 oz.
(4) 7-2720 - Clear Plastic Cleaner & Restorer - 22 oz.
(4) 7-2740 - Liquid Compound & Color Restorer - 16 oz.

7-2749 Display **$1,058.95 H**

Marpro Cleaning Kit



Marpro Cleaning Kit

Quick and convenient, the Marpro Cleaning Kit includes: **7-2732** Premium Wash and Wax, **7-2734** Tough Guy Wax, **7-2738** Spray Fast Wax and a bucket with a sponge.

7-2745 **$31.95 G**

Star Brite Sea Safe Floor Display



Star Brite Sea Safe Floor Display

This eye-catching in-store display contains the entire lineup of Sea Safe products. Includes:

(12) 89738 - Sea Safe Hull Cleaner 32 fl. oz.
(12) 89732 - Sea Safe Boat Wash 32 fl. oz.
(6) 89739 - Sea Safe Deck Cleaner 32 fl. oz.
(6) 89737 - Sea Safe Wash and Wax 32 fl. oz.
(6) 89736 - Sea Safe Bilge Cleaner 32 fl. oz.
(6) 89722 - Sea Safe Degreaser 22 fl. oz.

624801 (89710) **$521.95 F**

Marpro Spider Stain Remover



Marpro Spider Stain Remover

Remove ugly Spider and Bird Droppings! Concentrated Citrus Power eliminates black spots from fiberglass. Safe for all exterior surfaces, including Clearcoat and Gelcoat. A clear protective finish remains to prohibit spiders from returning. No drip formula stays where you spray!

7-2724 32 fl. oz. **$6.95 G**

Fiberglass Stain Removers



Rust Free Rust and Stain Remover

Removes rust from any surface: Steel, cast iron, stainless, fiberglass, chrome, tile, porcelain, concrete, vinyl and cloth.

290736 (RF0008) 8 fl. oz. **$11.95 G**



Star Brite Rust Stain Remover

Easy to use spray on formula. No rubbing or scrubbing required. Safe for use on fiberglass, metal and painted surfaces. Removes rust drip stains and sprinkler rust deposits. Sold each. Standard pack 12.

625680 (89222) 22 fl. oz. **$9.95 F**



Davis FSR - Fiberglass Stain Remover

It's ideal for removing oil, rust, exhaust, waterline and transom stains. Its nonabrasive quality means that it's safe to use on white painted surfaces as well as on gelcoat. Requires no sanding or compounding. Simply apply with a brush, sponge or cloth. Wait a few minutes and then wipe off or rinse.

323458 (790) 16 fl. oz. **$11.95 H**

323460 (792) 67.8 fl. oz. **$32.95 H**

Priced Each. Sold in Case of 6 Only.



Toon-Brite Fiberglass Boat Cleaner

Begins cleaning where others stop. Designed for the do-it-yourself boater. Removes algae, lime deposits, water stains and oxidation. Also great on painted wood. Simply spray on and rinse off! 1/2 gallon concentrate.

371849 (F1000) **$22.95 H**

Black Streak Removers



Marpro Black Streak/Fish Blood Remover

Instantly removes black streak caused by water run off. Excellent for removing fish blood deposits. Safe for use on fiberglass, metal and painted surfaces. Just spray on, let work and hose off.

7-1084 Gallon **$20.95 F 4Q**
7-1085 22 fl. oz. **$5.95 F 6Q**



Star Brite Black Streak Remover

Instantly removes black streaks caused by water run off. Safe for use on fiberglass, metal and painted surfaces. Contains no harsh acids or alkalies. Just spray on, let work and hose off. Liquid. Standard pack 12.

628151 (71622) 22 fl. oz. **$8.95 F**



CRC Black Streak Remover

Quick, easy and effective. Instantly removes black streaks caused by water run off on fiberglass. Metal and painted surfaces. Spray on/wipe off. Commercial grade. Works when others won't.

216728 (MK6732) Quart **$10.95 F**



3M Marine Black Streak Remover

3M Marine Black Streak Remover is designed to remove black streaks. This product is safe for use on fiberglass, metal and painted surfaces.

857380 (09047) 500 ml. Spray **$9.95 E**

Hull Cleaners



Gallons Sold Case of 4 Only Not UPSABLE

Marykate
On & Off Hull and Bottom Cleaner

Instantly removes waterline stains, algae stains, rust and gas exhaust stains. Softens barnacle rings and zebra mussels for easy removal. Not harmful to fiberglass. Brush it on! Rinse it off! It's that easy. This product is biodegradable.

216425 (MK-2032) Quart **$11.95 F 6I**
216437 (MK-20128) Gallon **$29.95 F 4I**

3M Marine Heavy Duty
Hull and Deck Cleaner

Easily removes algae, grime, oil, fish blood and dirt from fiberglass, metal and painted surfaces. Removes waterline stains.

857386 (09060) 32 fl. oz. **$24.95 E**



Hull Cleaners



Marpac EZ-On EZ-Off Hull and Bottom Cleaner
Instantly removes stains caused by algae, barnacles, scum and rust.

7-1089 Quart 12 per Case **$7.95 F 12Q**
7-1088 Gallon 4 per Case **$22.95 F 4Q**



Marpac Hull Cleaner
Removes scum, stains, fish blood and rust. Safe for use on fiberglass, metal and painted surfaces.

7-1097 Gallon 4 per Case **$25.95 F 4Q**



Marpac Formula 9
All purpose heavy duty cleaner and degreaser.

7-1091 22 fl. oz. 12 per Case **$5.95 F 12Q**
7-1090 Gallon 4 per Case **$20.95 F 4Q**



Star Brite Instant Hull Cleaner
No rubbing required. Removes stains from grassy marine growth, rust stains and scum line. Excellent for use on fiberglass, metal and painted surfaces. Biodegradable. Contains no harmful acids – safe to use. Sold each.

625650 (81732) 32 fl. oz. **$13.95 F**



Star Brite Boat Bottom Cleaner
Barnacle and Zebra Mussel remover. Removes barnacles, zebra mussels, algae, scum line and rust quickly and easily. Water based, environmentally friendly, biodegradable formula. Will not harm fiberglass when used as directed. Removes all aquatic stains fast and easy.

625674 (92232) Quart **$12.95 F**
625662 (92200) Gallon **$34.95 F**

NEW ITEM



Star Brite Sea Safe Hull Cleaner
Removes stains from waterlines and rust stains from all hull surfaces. No rubbing required. Environmentally friendly. Does not contain solents, strong acids or harsh chemicals. Simple wipe on, rinse off formula.

999141 (89738) 32 fl. oz. **$13.95 F**



CRC Crystal Lakes™ Hull and Bottom Cleaner
Specially formulated to remove algae stains from the waterline and bottom.

216730 (MK7320) 20 oz. **$14.95 F**

All Purpose Cleaners

Priced Each. Sold in Case Lots Only.



Spray Nine
America's first all purpose, hard surface, "spray on – wipe off", germicidal cleaner. Powerful, yet economical, Spray Nine contains no chlorinated or petroleum solvents and is nonflammable, ready-to-use, nontoxic and harmless to normal skin and almost all hard surfaces.

437056 32 fl. oz. 12 Per Case **$7.95 G 12I**
437068 Gallon 6 Per Case **$21.95 G 6I**

CRC



CRC
Spray Away™ All Purpose Cleaner
A heavy-duty, non-flammable all purpose cleaner. It removes grease, dirt and grime the easy way. Produces an excellent water based degreaser without petroleum solvents.

216540 (MK2832) Quart **$8.95 F**
216552 (MK28128) Gallon **$22.95 F**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

NEW ITEM



Star Brite
Super Spray Boat Cleaner
All purpose heavy duty cleaner formulated to whisk away grime, grease, oil, fish blood and stains. Simple spray on, wipe off application. Will not remove wax or polish.

999138 (83222) 22 fl. oz. **$8.95 F**

Deck Cleaners



marPRO

Marpac
Deck Cleaner with Teflon
Safe to use, no harsh chemicals, leaves protective coating. Sold 4 per case.

7-1095 Gallon **$15.95 F 4Q**

3M



3M Marine Non-Skid Deck Cleaner
Designed to clean hard to reach ground-in dirt and stains on non-skid decks. Safe for use on fiberglass, metal and painted surfaces.

857390 1 Liter **$25.95 H**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS



Star Brite
Non-Skid Deck Cleaner with PTEF®
Cleans away ground-in dirt and stains. Safe to use, contains no harsh chemicals. Leaves a protective coating to repel dirt and stains. No hard scrubbing or rubbing. Will not remove wax or polish. Sold each. Standard pack 12.

625612 (85932) 32 fl. oz. **$8.95 F**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

NEW ITEM



Star Brite Sea Safe Deck Cleaner
Biodegradable formula cleans dirt and stains from non-skid decks and all fiberglass surfaces. Leaves a non slippery protective coating to protect cleaned surfaces. Will not remove wax or polis.

624792 (89739) 32 fl. oz. **$9.95 F**

CRC



CRC Cleaning
Detail® Non-Skid Deck Cleaner
This remarkable liquid crème cleaner quickly and easily removes stubborn stains, grease, grime, soil, soap scum, fish blood, oxidation, scuff marks, rain stains and diesel soot from a variety of surfaces.

216451 (MK2132) Quart **$11.95 F**

Bilge Cleaners



CRC Big Bully® Natural Orange Bilge Cleaner

Works fast to emulsify oil, grease and scum. It leaves bilge areas clean and fresh. Self cleaning commercial action. Boat's rolling action cleans out the bilge.

216487 (MK2332) Quart **$10.95 F**
216499 (MK23128) Gallon **$23.95 F**



Marpac Bilge Cleaner

Biodegradable, dissolves and removes grease, oil and sludge. Sold 4 per case.

7-1099 Gallon **$13.95 F 4Q**



Star Brite Power Pine Bilge Cleaner

Concentrated formula makes 96 gallons (32 fl. oz. size) or 384 gallons (1 gallon size) dissolves in fresh or salt water. Environmentally safe, biodegradable. Cleans bilges easily and effectively.

625687 (93800) Gallon **$38.95 F**
625688 (93832) 32 fl. oz. **$15.95 F**



Star Brite Heavy Duty Bilge Cleaner

Biodegradable. Easy to use; just pour in, run boat, drain. Dissolves and eliminates oil, grease, gasoline, scum and sludge.

625686 (80532) 32 fl. oz. **$9.95 F**



Sudbury Automatic Bilge Cleaner

Heavy duty, concentrated formula for the toughest jobs. Protects hull from costly deterioration. Dissolves, emulsifies and combines grease, oil and scum with bilge water. Automatically reaches the most difficult places with the roll of the boat. Kills bilge odor; saves scrubbing time. 98% biodegradable earth-friendly formula. Priced each.

583422 (800-Q) 32 fl. oz. **Case of 6** **$8.95 F**
583434 (800-G) 128 fl. oz. **Case of 4** **$22.95 F**

NEW ITEM



Star Brite Sea Safe Bilge Cleaner

Biodegradable formula dissolves oil, grease, sludge, and fuel and leaves bilge smelling fresh and clean. Easy to use - just pour in, run boat and drain. Leaves bilge smelling clean and fresh.

625681 (89736) 32 fl. oz. **$9.95 F**

Rug and Fabric Cleaners



Star Brite Stain-Buster Rug Cleaner

Removes oil, grease, pet stains, odors. Safe for all types of carpet. Does not leave carpet sticky or matted - helps repel future staining. Simple and easy to use - just spray on and wipe off. Biodegradable. Sold each. Standard pack 12.

625369 (88922) 22 fl. oz. **$8.95 F**



CRC Fabric Waterproofer

Premium grade heavy duty water repellent solution. Restores water repellency of cotton and synthetic fabrics. Neutral color is suitable for use on all colors. For boat covers, canvas, bimini tops, tents, clothing, leather, footwear and more.

216677 (MK6332) Quart **$12.95 F**



303 Rug and Upholstery Cleaner and Spot Remover

Amazing colloidal cleaner. Non-toxic. biodegradable. Rinses residue-free. Non-flammable.

437459 (30551) 32 fl. oz. **$7.95 G**



Fabric Guard

Powerful enough to protect fabrics in the harshest environment ...outdoors. Yet it is safe for the finest fabrics, wool, silk, and fine leathers - including suede. Restores lost water repellency and stain repellency to factory new levels. It resists soiling, impedes mildew formation and helps protect against the sun's harmful UV rays.

437447 (30616) 16 fl. oz. **$16.95 G**

Mildew Stain Removers



3M Marine Mildew Block

Offers a unique solution in preventing unsightly mildew growth. Safe to use on most marine surfaces and materials above the waterline, and can be used both indoors and outdoors. Non-toxic formula helps keep surfaces looking newer and cleaner longer.

857156 (09065) 16.9 fl. oz. **$11.95 E**



3M Marine Mildew Stain Remover

Quickly removes mildew stains on vinyl, covers, cushions and other marine surfaces. Follow-up with 3M Marine Mildew Block for long-lasting protection and to help keep surfaces looking cleaner and newer longer.

857159 (09067) 16.9 fl. oz. **$9.95 E**



Star Brite Mildew Stain Remover

Removes mildew stains on contact. Easy to use. Use on vinyl covers, headliners, cushions, etc. Simple spray on application. Standard pack 12.

625559 (85616) 20 fl. oz. **$7.95 F**

Dehumidifiers



Star Brite No Damp Dehumidifier
Dries air to a level where mildew cannot grow. Stops odors. Unique inner basket design increases efficiency and life of unit. Sold each.

460864 (85412) 12 oz. Treats 900 cu. ft. Area **$6.95 F**
460852 (85401) 36 oz. Treats 1,800 cu. ft. Area **$10.95 F**

Star Brite No Damp Dehumidifier Refill
Refills all No Damp Dehumidifiers. Add right on top of remaining chemical. Sold each. Standard pack 12.

460840 (85400) 12 oz. **$2.95 F**
460842 (85448) 48 oz. **$6.95 F**



Star Brite Mildew Control Bags
Formaldehyde-free and non-toxic. Use anywhere mildew and odors are a problem. Dries air to a level where mildew and associated musty odors will not form. Unique 3 way action - Absorbs, Cleanses, Deters. Will not harm humans.

460891 (89910) 100 - 4 oz. Bags (Bulk) **$443.95 F**



Star Brite Mildew Odor Control Bags Floor Display
Use anywhere mildew odors are a problem. Eliminates musty odors. Formaldehyde free, nontoxic. Each bag protects 400 cu. ft. Will not harm humans, pets or the environment. Contains thirty-six (36) 2 unit pack boxes of Mildew Odor Control Bags (89900) in an attractive floor standing display.

460893 (89936) **$381.95 F**

NEW ITEM



Star Brite MDG Mildew Odor Control Bags
Contains 2 bags with decorative holders. Eliminates mildew odors and musty odors. Formaldehyde free, nontoxic. Each bag protects 400 cu. ft. Will not harm humans, pets or the environment. Lasts 4 months. Great for shrink wrapped boats.

460890 (89900) 12 (2 Packs) **$10.95 F**



MDR Damp Away Dehumidifier
Automatically removes moisture from the air for months. Odorless. Will absorb 17 times its own weight of water from the air.

460790 (MDR-300) 14 oz. **$10.95 H**
460792 (MDR-304) 32 oz. **$18.95 H**



MDR Damp Away Dehumidifier II
Damp Away II dehumidifier effectively helps eliminate mold and mildew by removing excessive moisture. Odorless, non-corrosive, with no harm chemicals emitted. Individually sealed cloth bags (3 x 8 x 1)". Twin pack.

460794 (MDR-306) **$17.95 H**



CRC Mildew Stain Remover
This viscous formula clings where it is sprayed removing mildew and mold stains, while reducing the odor and drippage normally associated with similar type products.

216603 (MK3732) Quart **$10.95 F**

Teak Oil



Star Brite Teak Oil
Seals and protects teak and other fine woods. Fast drying. Oil penetrates deep into the wood for extra protection. Contains ultraviolet absorbers to resist weathering. Long lasting formula.

626169 (81616) 16 fl. oz.	Std. Pack 12	**$10.95 F**
626171 (81632) 32 fl. oz.	Std. Pack 12	**$15.95 F**
626183 (81600) Gallon	Std. Pack 6	**$44.95 F**



Star Brite Golden Premium Teak Oil
Extra long lasting protection for teak. Gives teak a natural warm golden color. Easy to use. Fast drying. Contains ultraviolet absorbers to resist weathering. Lasts 4 to 6 times longer than standard teak oils.

626210 (85116) 16 fl. oz.	Std. Pack 12	**$12.95 F**
626222 (85132) 32 fl. oz.	Std. Pack 12	**$19.95 F**
626234 (85100) Gallon	Std. Pack 6	**$55.95 F**



CRC Nu Teak™ Teak Oil
Seals, preserves and enhances the natural appearance of teak. One easy step; dries quickly. Long lasting protection. Contains UV inhibitors to resist weathering. Rich golden color.

216590 (MK3632) Quart **$14.95 F**

Priced Each. Sold in Case of 6 Only.



Meguiar's Gold Teak Oil
Protects teak, rejuvenating the rich, natural golden wood colors. Prevents drying out of wood from exposure to the elements. Great for bulkheads, hatch covers, swim steps, grad rails and decking.

628466 (M4616) 16 fl. oz. **$6.25 F**

Teak Brighteners



CRC Nu Teak™ Teak Brightener
Penetrates weathered teak and hardwood fibers to expose the original natural color. Easy application, removes mildew stains, contains no bleach and will not raise wood grain.

216514 (MK2532) Quart **$10.95 F**



Star Brite Teak Brightener
Brightens teak and other fine woods. Highlights wood grain and enhances warm natural color. Easy to use – just apply and rinse. No rubbing or scrubbing required. Standard pack 12.

626119 (81532) 32 fl. oz. **$12.95 F**

Teak Cleaners



Star Brite Teak Cleaner
Cleans teak and other fine woods. Easy to use. Does not contain acid – no neutralizers needed. Removes stains and weathering. Does not raise wood grain. No need to sand after cleaning. Standard pack 12.

626044 (81416) 16 fl. oz. **$9.95 F**
626056 (81432) 32 fl. oz. **$12.95 F**



CRC Nu Teak™ One Step Teak Cleaner
An excellent cleaner for all unfinished hardwood. Use it to clean decks, outdoor furniture and patios.

216502 (MK2432) Quart **$10.95 F**



Te-Ka Cleaner
No more hard scrubbing! Simply pour on Part A and B and hose off to original golden brown beauty of teak. Deep cleans in a fraction of time, compared to conventional and super cleaners. Te-ka is a two part system. Available in the following sizes:

660476 Quart Kit **$30.95 H**
660488 Half Gallon Kit **$44.95 H**



Snappy Teak-Nu
No hard work. No bronze wool. Removes all old sealers, soil, fish blood, rust stains, fuel and oil stains. Kit contains: 1 quart of formula No. 1 and No. 2 and (2) plastic bristle brushes. **Note:** Both No. 1 and No. 2 must be used.

437308 Kit		**$24.95 G 6H**
437311 No. 1	Quart	**$10.95 G 12H**
437323 No. 2	Quart	**$10.95 G 12H**
437335 No. 1	Gallon	**$33.95 G 4H**
437347 No. 2	Gallon	**$33.95 G 4H**



Star Brite Teak Care Kit
Everything needed to clean, restore and protect teak in one convenient package. Each kit contains: (1) pint - Teak Cleaner, (1) pint - Teak Brightener and (1) pint - Teak Oil.

625953 (81216) Standard Pack 6 Kits **$28.95 F**

Metal Cleaners



Priced Each. Sold in Case of 8 Only.

Toon-Brite Pontoon and Aluminum Boat Cleaner

The easiest cleaner you'll ever use. Designed for the do-it-yourself boater. removes algae, lime deposits, water stains and oxidation. Simply spray on and rinse off! Packaged in a 1/2 gallon bottle concentrate with attached sprayer. Will make up to one gallon. 1/2 gallon concentrate. Includes 3-finger trigger sprayer.

371847 (B1000) **$22.95 H**



3M Marine "One Step" Aluminum Restorer and Polish

Designed to remove oxidation growth and stains and restore a lustrous appearance to bare aluminum. Removes heavy oxidation and restores shine to most painted aluminum surfaces. Paste.

857269 (09020) 18 oz. **$19.95 H**



3M Marine Metal Restorer and Polish

Restores and polishes stainless steel, brass, bronze, copper, chrome, aluminum and other marine metals by removing surface rust, oxidation, corrosion and tarnish. Paste.

857284 (09019) 18 oz. **$20.95 E**



Priced Each. Sold in Case of 4 Only.

Not UPS Able

Special Handling May Apply

Snee Aluminum Brightener and Fiberglass Cleaner

Aluminum brightener specifically selected acids and stable wetting agents designed to clean and brighten anything aluminum.

437010 (06 AB) Gallon **$15.95 E**



Nevr-Dull

"Magic" wadding polish for cleaning and polishing all metals. Cleans brass, aluminum, steel, chrome and other metals. Removes rust, tar and rubber sole marks. Sold each.

457526 5 oz. **$8.95 H**



Star Brite Chrome and Stainless Polish

Cleans and shines chrome and stainless steel surfaces. Protects against pitting, discoloration, staining, rusting. Resists salt and water spray. Easy to use wipe on, wipe off formula. Bonds to metal for long lasting protection. Leaves a dazzling shine. Standard pack 12.

625535 (82708) 8 fl. oz. **$6.95 F**

Metal Cleaners



Star Brite Aluminum Boat Care Kit
Everything needed to clean, polish and protect your aluminum boat or pontoons. Kit includes: Aluminum Cleaner (87732), Aluminum Polish (87822), scrub pad and handle, polishing cotton cloth, protective gloves. Star brite Aluminum Boat Cleaner quickly removes stains and oxidation. Star brite Aluminum Boat Polish leaves a bright, protective finish. Everything you need to make oxidized aluminum look like new.

999144 (93300) **$36.95 F**



Marykate
Aluminex™ Pontoon and Aluminum Hull Cleaner
Specifically formulated to remove water line stains, scum and algae stains from aluminum boats and pontoons. This instant action formula quickly and easily removes these difficult stains.

216588 (MK31128) Gallon **$28.95 F**



Meguiar's Metal Polish
Formulated to easily clean away stains, oxidation and surface degradation and polish to a mirror-bright shine in one easy step. Anti-corrosive technology locks in the shine to all metal, including stainless steel and aluminum.

628530 (M9314) 14 oz. **$14.95 F**

Permatex Hand Cleaner



Permatex Fast Orange - Fine Pumice Lotion Hand Cleaner
Biodegradable, waterless, petroleum solvent-free hand cleaner that contains no harsh chemicals, mineral oils or ammonia.

545206 (25-116) 15 fl. oz. Squeeze Bottle **$4.95 F**
545218 (25-218) 1 Gallon Bottle with Pump/Brush **$25.95 F**

Cream Version of Fast Orange Hand Cleaner
545220 (35-406) 4.5 lb. Container **$15.95 F**

3M Marine Industrial Cleaner



3M Marine Citrus Base Industrial Cleaner
It is an aerosol, all-natural cleaner which willdissolve and flush away dirt, grease, tar, most non-curing type adhesive films and similar substances. it is a citrus oil based cleaner that emulsifies when flushed with water. it contains no petroleum distillates. It can be used to clean and degrease metal parts, motors, tools, concrete, or any dirty or greasy surfaces. Contains no methylene chloride, 1, 1, 1-trichloroethane or chlorofluorocarbons.

857411 (76394) 24 oz. **$29.95 H**

Glass Cleaners



Permatex

Permatex Quick Orange Multi-Purpose Glass Cleaner

It is a multi-purpose glass cleaner made with an original "no streak, no run orange-scented formula" that deodorizes and cleans window film immediately. This fast-acting, professional strength glass cleaner can be used on a variety of surfaces including chrome, aluminum, stainless steel and enamel, to remove the toughest grease and dirt.

545193 (82544) 18.75 fl. oz. **$4.95 F**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS



Star Brite Rain View

Improves wet weather visibility through windshield and windows. Use on glass and plastic. Works with or without windshield wipers. Makes surface so slick that rain & wet weather deposits literally slide off. Sold each. Standard pack 12.

626549 (88708) 8 fl. oz. **$8.95 F**

CRC



CRC Glass Plex™ Multi-Purpose Glass Cleaner

Fast drying, multi-purpose cleaner recommended for cleaning glass, acrylic and plastics. Use for the maintenance of mirrors, windows, Eisenglass, wind screens, windshields, plastic dashboards and surfaces not harmed by water. Contains no ammonia or alcohols.

216627 (MK3918) 32 fl. oz. **$8.95 F**

Marpro Salt Terminator

marPRO

Sold In Case Lots Only



Marpro Salt Terminator

Dissolves salt and leaves protective sheen. Protects against future corrision. Mixer automatically dilutes concentrate and syphons it through standard garden hose. Good on all surfaces exposed to salt water or air.

7-1031	Quart	**$11.95 F 6Q**
7-1032	Gallon	**$31.95 F 6Q**
7-1033	32 fl. oz. Kit with Nozzle	**$18.95 F 6Q**
7-1340	12 fl. oz.	**$6.95 F 6Q**

303 Protectant



303 Protectant

303 is a penetrating, waterproofing ultraviolet screen (sunblock). Conditions treated surfaces and has very intense beautifying properties. Not oily or greasy, will not attract dust and contains no harmful petrochemicals. Non-hazardous and biodegradable. 303 ends buffing and waxing colored gelcoat fiberglass boats. Use to protect synthetic and natural rubber from drying and cracking caused by UV light. Use on anodized aluminum. 303 is the answer to the water spotting problems associated with stainless steel.

437408	8 fl. oz. spray	**$7.95 G**
437412	16 fl. oz. trigger	**$13.95 G**
437421	32 fl. oz. Refill	**$21.95 G**
437434	Gallon Refill	**$64.95 G**

Vinyl Products



Marpro Clear Plastic Cleaner and Restorer

Replenish the luster of all clear plastics including Isinglass and Plexiglass. Protects against U.V. damage. Easy to use, non-streaking formula. Resists fingerprints, dirt and grime.

7-2720 22 fl. oz. **$10.95 G**

NEW ITEM



Meguiar's Mirror Glaze Clear Plastic Polish

Clear Plastic Polish safely restores optic clarity to all clear plastics. Provides a static-free coating that repels dust. Safe and effective on both acrylic and polycarbonate surfaces. Ideal for boats, RV's, cars, motorcycles and aircraft.

628531 (M1008) 8 fl. oz. **$7.95 F**

NEW ITEM



Meguiar's Mirror Glaze Clear Plastic Cleaner

Clear Plastic Cleaner removes fine hairline scratches from all types of clear plastic. Unique, non-abrasive formula prepares the surface for Mirror Glaze Clear Plastic Polish. Perfect cleaner for computer screens, convertible windows, helmet visors, motorcycle windscreens, displays and instrument panels.

628543 (M1708) 8 fl. oz. **$7.95 F**

Priced Each. Sold in Case of 6 Only.



Meguiar's Vinyl and Rubber Cleaner/Conditioner

Deep cleans and revitalizes vinyl and rubber surfaces. Restores color with a rich natural sheen, not the typical synthetic shine produced with conventional protectants. Screens out damaging UV rays that can dry out and crack the surface. **6 per case.**

628480 (M5716) 16 fl. oz. **$9.95 F**
628478 (M3916) 16 fl. oz. - H.D. **$9.95 F**



Star Brite Vinyl Cleaner and Polish

A revolutionary new formula unlike any other vinyl cleaner, protectant or treatment. Cleans, shines and protects all kinds and colors of vinyl. Leaves a long lasting, waterproof protective coating. Keeps vinyl soft and subtile, prevents drying out and cracking. Sold each. Standard pack 12.

625446 (91016) 16 fl. oz. **$10.95 F**



Star Brite Vinyl Shampoo

Instantly removes dirt, mildew, grease and stains. Won't streak, stain or discolor vinyl. Excellent for all interior and exterior vinyl. Concentrated formula. Biodegradable. Standard pack 12.

625408 (80216) 16 fl. oz. **$5.95 F**

Vinyl Products



Star Brite Inflatable Boat and Fender Cleaner

Heavy duty formula removes dirt, grime, scuff marks, oxidation stains. No hard rubbing or buffing required. Safe for use on all rubber and vinyl surfaces. Leaves a tough protective coating. The quick and easy way to maintain inflatable boats & boat fenders. Protects against sun's harmful rays. Sold each. Standard pack 12.

625395 (83416) 16 fl. oz. **$10.95 F**



Star Brite Marine Vinyl Brite

Restores old marine vinyl to "like new" appearance. Keeps new vinyl looking new. Simple spray on application. UV inhibitors screen out sun's damaging rays. Prevents vinyl from cracking, fading & discoloring. Sold each. Standard pack 12.

625434 (80316) 16 fl. oz. **$10.95 F**



3M "One Step"
Outdoor Vinyl Cleaner, Conditioner and Protector

Designed to clean, condition and protect marine vinyl and rubber components. Gel formula provides durable protection in exterior, as well as interior applications.

857295 (09023) 8 fl. oz. **$11.95 E**



3M Vinyl Cleaner and Restorer

Rejuvenates vinyl and rubber surfaces. Cleans and protects. Easy spray formula. Standard pack 6.

857296 (09029) 15 fl. oz. **$10.95 E**

NEW ITEM

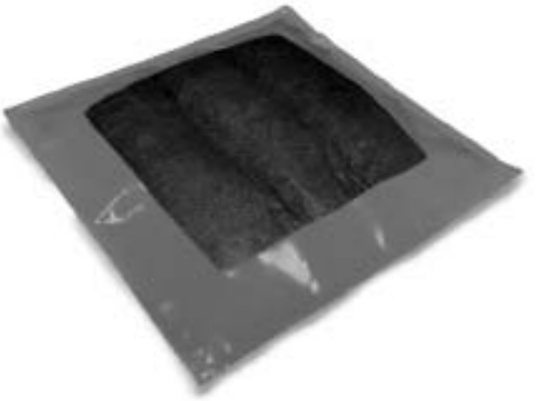


Star Brite Total Vinyl Care Kit

Everything needed to restore dull, faded vinyl to like new condition. Kit includes Star brite Vinyl Cleaner & Polish (91016), Star brite Vinyl Brite (80308), scrub pad and cotton polishing cloth. Star brite Vinyl Cleaner & Polish removes ground-in dirt and grime while restoring original shine and color. Use Star brite Vinyl Brite periodically to prevent future fading and dulling.

999143 (93200) **$20.95 F**

ITT Jabsco Maintenance Pad - Oil Absorber



ITT Jabsco Maintenance Pad - Oil Absorber
Uses proprietary technology to absorb, encapsulate and biodegrade used engine oil making it safe for disposal in household trash. No more storing it in the garage - No more carting it back to the store. Passes EPA's TLCP (Toxicity Characteristic Leaching Potential) and "One Drop Rule" Tests. Can also absorb and biodegrade other hydro-carbon based fluids such as Diesel Fuel.

415302 (17890-0000) **$18.95 F**

Oil Mop Absorbent Spill Kit



Oil Mop Absorbent Spill Kit
Approximate absorption 95 to 115 gallons. Contains the following:

(1) Reuseable 55 gallon drum with lid.

(6) 8" x 18" absorbent pillows. Leno mesh outer case, super absorbent fibers. Soaks up many times its own weight. Designed to soak up any accumulated pools of containment.

(50) 17" x 19" absorbent pads. Tear resistant, can be used in tight spaces. Absorbs petroleum off water surface.

(4) 5" x 10' absorbent boom. Forms floating containment barrier. Tough mesh coating is light weight and very flexible. Can be connected together with poly ties.

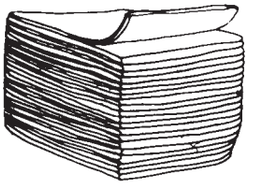
(8) 3" x 4' absorbent socks. For quickly surrounding problem areas. Will float even when saturated. Can be connected with ties.

517219 Absorbent Spill Kit **$289.00 E**

Spare Accessories

517221 (OB510)	Oil Absorb Boom	5" x 10'	**$25.39 E**
517233 (OB810)	Oil Absorb Boom	8" x 10'	**$31.90 E**
517245	Pillows Oil Absorbent	8" x 18"	**$4.70 E**
517257	Socks Oil Absorbent	3" x 4'	**$5.65 E**

3M Petroleum Sorbent



3M Petroleum Sorbent
For use in Hydrophobic (oil only) sorbent applications. Help contain and control potentially dangerous spills of oil and gasoline…but repel water. 3M sorbents go to work immediately so there's less exposure to you and others and less risk to the environment.

852459 (T156)	Dim.: 17" x 19" x 3/8"	100 Pads Per Bale	**$133.95 H**
852461 (HP156)	Dim.: 17" x 19" x 1/4"	100 Pads Per Bale	**$92.95 H**
852462 (HP100)	Dim.: 38" x 144' x 1/4"	1 Roll Per Bag	**$182.95 H**

Oil Sorbents



ITT Jabsco Oil Absorbing Bilge Pillow

Holds up to 2-1/2 quarts. Biodegrades used motor oil, diesel fuel and transmission fluids. Easily disposed of in trash- just place in zip-lock bag provided. Environmentally safe and responsible. Stainless steel fixing ring.

415314 (340) **$14.95 F**



Buffalo Industries Oil Sorbent Pads - 5 Pack Roll

100% polypropylene. Absorbs oil, fuel and hydraulic fluid. Will not absorb water. Ideal for engines, hydraulic systems, holding tanks and catch basins. Easo to store and use. Five pads absorb up to 1 gallon. Size: 15" x 18" pads.

461133 (90700) **$6.95 H**



461145



461150

Buffalo Industries Bilge Oil Booms

100% polypropylene fill. Absorbs oil, fuel and hydraulic fluid. Will not absorb water. Ideal for bilges, sumps, drains and basins. Easy to store and use. Lint-free. Won't shed.

Absorbs up to 2.8 gallons. Size: 19" x 6" diameter.

461145 (90405) **$20.95 H**

Absorbs up to 1.2 gallons. Size: 15" x 5" diameter.

461150 (90400) **$14.95 H**



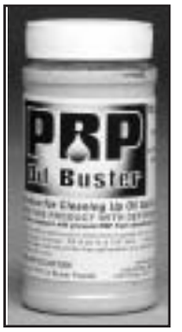
Buffalo Industries Oil Sorbent Bilge Pillow

100% polypropylene fill. Absorbs oil, fuel and hydrulic fluid. Will not absorb water. Ideal for bilges, sumps, drains and basins. Easy to store and use. Lint-free. Won't shed. Absorbs up to 1.75 gallons. Size: 9" x 15".

461151 (90964) **$16.95 H**



471376



471378

NEW ITEM

PRP Oil Buster

Hydrocarbon spill response products. 100% natural, biodegradable and non-toxic. The containment and remediation answer to oil spills naturally.

471376 (58005) Fuel Collar **$19.95 F**
471378 (58008) Powder **$23.95 F**

Buffalo Industries Applicator Pads



Buffalo Industries Applicator Pads
Great for smooth and consistent application of waxes, stains, polishes and protectants. Easy to use and reusable. Hand washable in soapy water. Size: 6" diameter. Material: Cotton cover over foam pad. Sold 2 per pack.

460511 (64011) **$1.95 H**

3M Buffing Pads



3M Superbuff Pad - 6”
Allows you to recondition and maintain their boat, using their drill to obtain a high gloss finish. The unique double face construction allows both sides of the pad to be used. Fits any standard electric drill with its 1/4" arbor and hex-head nut. 12 per case.

857055 (09038) **$23.95 H**



3M Hookit SBS System
Designed to provide easy attachment and removal and accurate centering of the Hookit SBS Compounding or Polishing Pad to the Hookit SBS Back-Up Pad. Fits all standard (5/8" shaft) slow-speed polishers.

857106	(05711) Compounding Pad	6 Per Case	**$25.95 H**
857118	(05713) Polishing Pad	6 Per Case	**$28.95 H**
857120	(05717) Back-Up Pad	1 Per Case	**$73.95 H**
857122	(05719) Perfect-It Compounding Pad	6 Per Case	**$20.95 H**



3M Superbuff Polishing Pad - 9”
It is a double-sided, soft-edge polishing pad, specially designed for use with a polisher & glaze. Fits all standard (5/8" shaft) slow-speed polishers. 6 per case.

857079 (05705) **$50.95 H**



3M Superbuff Buffing Pads - 9”
Unique double face construction for utilizing both sides of the pad. Has its own lightweight, built-in support system eliminating heavy backup pads. Soft usable edge allows you to get into the difficult areas. 6 per case.

857065 (05700) **$49.95 H**

Features 2 sides to buff with plus 2 major advantages. More flexible and longer life. Fits all standard (5/8" shaft) slow-speed polishers. 24 per case.

857067 (05701) **$52.95 H**

A new 100%, double sided, wool pad with a stiffer central hub for more cutting power. This pad has untwisted yarn construction, which allows for more surface contact, while giving excellent cut and finish. 6 per case.

857069 (05703) **$44.95 H**

A versatile general use blended wool pad with stiffer central hub for more cutting power. Twice the usable buffing surface and has an untwisted yarn construction that gives excellent cut and finish. 6 per case.

857071 (05704) **$46.95 H**

3M Buffing Pads



3M Finesse-It™ Natural Buffing Pad
Made with specially selected Lamb's Wool hide. Wool is natural color and trimmed to 20 mm in length. Pad has a Hookit attachment system. This 3" diameter buffing pad is designed for use with Finesse-it compounds. 50 per case.

857085 (81470) **$119.95 H**



3M Perfect-It Foam Polishing Pad
It utilizes a 3M patented convoluted foam face to produce a wheel mark free marine topside paint finish or during acrylic and polycarbonate plastic reconditioning, when used in conjunction with 3M Perfect-It Foam Polishing Pad Glazes. It attach to either 3M Hookit Backup Pads or 3M Perfect-It Backup Pads. Fits all standard (5/8" shaft) slow-speed polishers. Sold 2 pads per bag. 12 bags per case.

857133 (05725) **$49.95 H**



3M Finesse-It™ Roloc Finishing Disc Pad
Pad is made with soft foam, Roloc button, and mushroom headed hooks. Use with 3 inch soft Roloc Disc Pad. Holds the Finesse-it Buffing Pad (red and white) firmly in place. Soft foam provides good conformability.

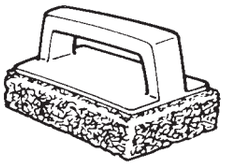
857084 (14736) **$16.95 H**



3M Superbuff Adaptor
Adaptor for the 3M Superbuff pads. For use with 3M Superbuff Pads; **857067** (05701) and **857079** (05705).

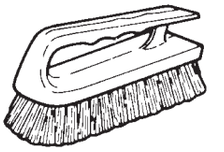
857135 (05710) **$12.95 H**

Captain's Choice Cleaning Brushes



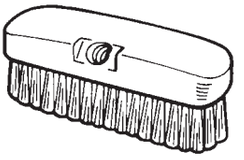
Captain's Choice Cleaning Pads
Pad attached to a 3-1/2" x 6" handle. Standard pack 12.

857083 (M931) Light Grit Pad **$4.95 H**
857082 (M932) Medium Grit Pad **$4.95 H**
857081 (M933) Heavy Grit Pad **$4.95 H**



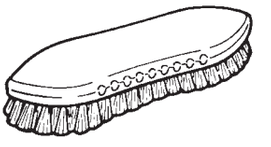
Captain's Choice Handy Scrub
2-1/2" x 6" block filled with a chemical resistant propylene bristle. Standard pack 24.

437525 (M835) **$5.95 H**



Captain's Choice Deck Brush
2-1/2" x 8" block filled with a firm, two color, chemical resistant propylene bristle. Threaded hole for handle. Standard pack 12.

437563 (M740) **$10.95 H**



Captain's Choice Pointed Scrub
2-1/2" x 9" block filled with a stiff chemical resistant propylene bristle. Standard pack 24.

437538 (M735) **$6.95 H**

Captain's Choice Cleaning Brushes



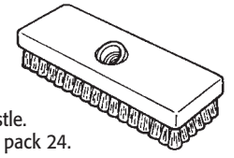
Captain's Choice All Purpose Brushes
8-1/2" x 3" block filled with a chemical resistant, propylene bristle. Standard pack 24.

460408 (M853) Firm, Two Color Bristle **$6.95 H**
460410 (M855) Very Stiff Bristle **$6.95 H**



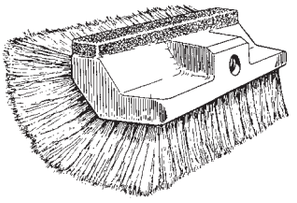
Captain's Choice Maxi-Scrubs
2-1/2" x 8-1/2" block. Great for cleaning teak. Standard pack 24.

437501 (M700) Crimped Brass Bristle **$6.95 H**
437513 (M703) Firm Propylene Bristle **$3.95 H**



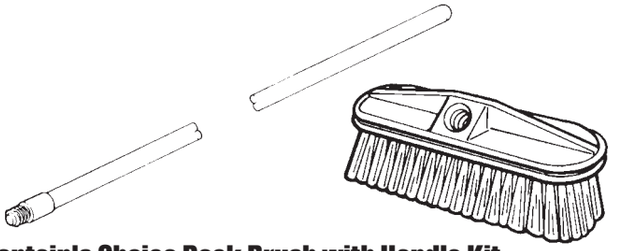
Captain's Choice Teak Brush
2-1/2" x 7" block filled with a firm propylene bristle. Threaded to accept any of our handles. Standard pack 24.

439719 (M773) **$6.95 H**



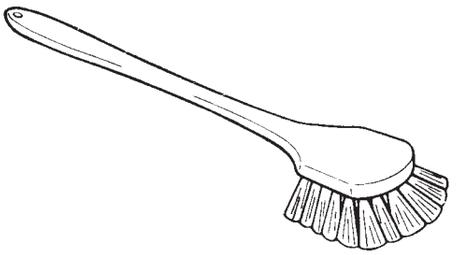
Captain's Choice Wash and Scrub Brush
Medium grit scrubber strip for those hard to clean areas. Large 10" block for extra fast cleaning and it floats. Filled with a firm, solvent resistant synthetic bristle. Threaded hole for handle.

460383 (M763) **$31.95 H**



Captain's Choice Deck Brush with Handle Kit
Contains **437563** (M740) deck brush, a 48" long 2-piece painted hardwood handle and an extra strength nylon handle connector. Standard pack 12.

460523 (M747) **$18.95 H**

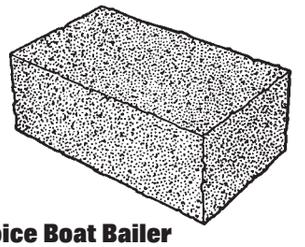


Captain's Choice All Purpose Brushes
20" x 3" block filled with a chemical resistant propylene bristle. Standard pack 12.

460421 (M872) Extra Soft Synthetic Bristle **$10.95 H**
460423 (M873) Firm, Two Color Bristle **$9.95 H**
460439 (M875) Very Stiff Bristle **$9.95 H**

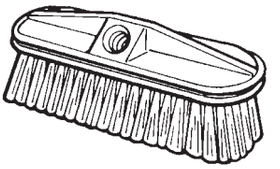
Magnolia Commercial Grade Fender Brush
Brown plastic with 20" hard wood handle.

575033 (70) **$5.95 E**



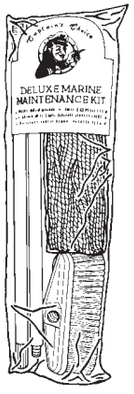
Captain's Choice Boat Bailer
New hi-tech material will pick up over one quart of water. Dimensions: 7-1/2" x 4-1/2" x 3". Standard pack 24.

360595 (M980) **$4.95 H**



Captain's Choice Deluxe Boat Wash Brushes
3" x 9" block with a protective bumper. Threaded hole for handle. Standard pack 6.

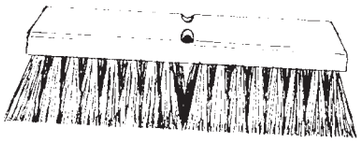
460345 (M753) Filled with Firm Solvent Resistant Bristle **$15.95 H**
460369 (M750) Filled with an Extra Soft Synthetic Bristle **$15.95 H**



Captain's Choice Deluxe Marine Maintenance Kit
Contains one **460345** (M753) deluxe boat wash brush, (1) 14 oz. all cotton mop head, a 48" long 2-piece painted hardwood handle and an extra strength nylon handle connector, all packaged in an attractive, hang-up poly bag. Standard pack 12.

437551 (M758) **$36.95 H**

Cleaning Brushes



Magnolia Deck Brush
Stiff palmyra fiber. Staple set in a smooth sanded hardwood block with one threaded and one tapered handle hole. Length of trim: 2". Length 10".

575057 (110) **$4.95 E**

Magnolia Deck Brush
Filled with high quality polypropylene. Staple set in a smooth sanded hardwood block with one threaded and one tapered handle hole. Length of trim: 2". Length 10" with yellow bristles.

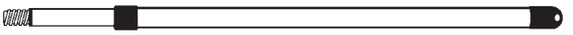
575069 (310Y) **$4.95 E**

Mr. LongArm®



Mr. LongArm Flow-Through Brushes
For use with HydraSoar and TeleWash water-fed telescoping extension poles. Plastic block with full rubber bumper prevents scratching. Chemical resistant materials work well with many types of cleaners.

460155 (0405) Soft **$13.95 H**
460167 (0406) Stiff **$13.95 H**
460179 (0407) Very Stiff **$11.95 H**



Mr. LongArm Smart System Twist-Lok®
The original D.I.Y. extension pole allows the user to easily access out-of-reach areas without the use of a ladder. Quality, lightweight anodized aluminum construction. Nylar threaded end fits all universal threaded tools. Twist-Lok mechanism easily locks pole at intermediate lengths. Proudly Made in U.S.A. 3' - 6'.

460105 (9236) **$13.95 H**



Mr. LongArm Pro-Pole® Model Series 3200 - Light Duty
Composite fiberglass fluted handle for easy grip and anodized inner tube. Nylar 3/4" (2 cm) threaded end and heavy duty chuck and collet locking device. 4.25' - 7.75'.

460117 (3208) **$21.95 H**

CORONA



Corona Wood Extension Pole
Unlacquered hardwood extension pole. Length 48".

570160 (R-1248-PT) **$2.95 F 50Q**



Corona Metal Threaded Handle
For regular line floor brushes and paint rollers. Selected hardwood with clear lacquered finish. One end rounded and other end equipped with crimped-on metal thread to fit standard floor brush blocks. Diameter: 15/16". Length 4-1/2'.

575071 (R-1249-DCM) **$4.95 E**

Cleaning Kits



Swobbit System Watercraft Cleaning Kit
Kit includes: (1) Telescoping pole 3' - 6', (1) soft deck brush, (1) Swobbit wash tool, (1) Quick-Dry with adapter and (1) universal boat hook.

460380 (SW81000) **$109.95 F**

Swobbit System Deluxe Cleaning Kit
Kit includes: (1) **460206** (SW45650) Telescoping pole 3' - 6', (1) **460220** (SW77345) Soft-Flagged deck brush, (1) **460333** (SW66650) Universal boat hook, (1) SW56301 - Micro fiber towel & (1) SW61850 - HD Synthetic wash mitt.

460381 (SW82000) **$49.95 F**

marPRO



Marpro Cleaning Kit
Quick and convenient, the Marpro Cleaning Kit includes: **7-2732** Premium Wash and Wax, **7-2734** Tough Guy Wax, **7-2738** Spray Fast Wax and a bucket with a sponge.

7-2745 **$31.95 G**

Swobbit Cleaning Products

World's finest cleaning tools that feature the exclusive Uni-Snap System. Uni-Snap allows quick changes between Perfect Pole and Swobbit Accessories with a positive lock, no slip connection.



Swobbit Perfect Poles
Features: Exclusive teardrop shape makes 67% stronger then other handles and Insta-Just Tracking System guarantees button will pop up in the next hole every time.

460208 (45640) 2′ - 4′ **$16.95 F**
460206 (45650) 3′ - 6′ **$28.95 F**
460193 (45660) 5′ - 9′ **$37.95 F**
460181 (45670) 6′ - 11′ **$52.95 F**



460256



460245

Swobbit Soft Washing Tool Uni-Snap
Over 70 sq. inches of cleaning surface. Dual-axis swivel head follows curves and contours for quick washing. Safe for all finishes including paint, fiberglass, windows and enclosures.

460256 (19140) Soft Washing Tool Uni-Snap **$20.95 F**
460245 (19150) Synthetic Replacement Bonnet **$9.95 F**
460246 (19155) Genuine Sheepskin Replacement Bonnet **$11.95 F**

NEW ITEM



460332



460258

Swobbit Adjustable Angle Adapter
Attach your favorite Swobbit® cleaning tool to one end, snap it onto the Perfect Pole Telescoping Handle and let the cleaning begin. Adjustable to 180 degrees.

460332 (66640) **$10.95 F**

Swobbit Threaded Uni-Snap™ Adapter
Allows you to use the Perfect Pole with a standard ACME threaded product. Uni-Snap adapter snaps into the Perfect Pole converting it into a threaded end product. Made of drawn, heat treated anodized aluminum with a glass filled nylon tip.

460258 (66610) **$6.95 F**



Swobbit Universal Boat Hook
Made with UV safe polycarbonate. Dimensions: 9-1/4″ L x 4″ W.

460333 (66650) **$10.95 F**



Swobbit Fixed Length Handle
A lightweight alternative to telescoping handles. Made from heat treated, anodized, drawn aluminum tubing.

460331 (46710) Length 48″ **$16.95 F**



Swobbit Premium Deck Brushes
Oversized 7.5″ molded poly-block. Won't rot, mold, mildew, crack or split. Uni-Snap adapter molded into block eliminating wobble. 20° bristle flare provides optimum cleaning efficiency.

460220 (77345) Soft-Flagged Bristle **$23.95 F**
460218 (77350) Medium Bristle **$21.95 F**
460232 (77355) Stiff Bristle **$21.95 F**



Swobbit Deck Brushes
Old fashioned varnished premium hardwood blocks feature high quality bristles set with corrosion resistnat wire for extra durability. Wide bristle falre ensures maximum cleaning. welded safety bumpers protect surrounding finishes while First Mate's quick release mechanism locks the brush onto the handle until you're ready to take it off.

460222 (76340) Extra Soft Bristle **$26.95 F**
460235 (76345) Soft Bristle **$21.95 F**
460233 (76350) Medium Bristle **$19.95 F**
460234 (76355) Stiff Bristle **$19.95 F**

Cleaning Products



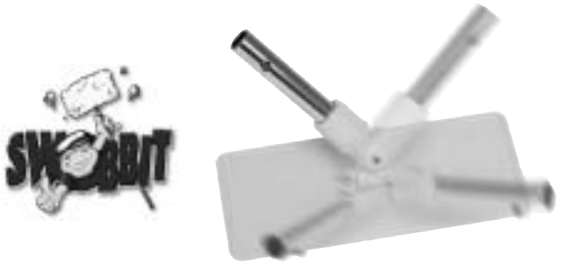
Swobbit Aquazorber Drying Mop
Made from imported material featuring 2" wide die cut strips for maximum absorbency. Aquazorber mops are designed for drying decks, painted and fiberglass surfaces quickly and easily. Material is not affected by mold, mildew, cleaning chemicals or fuel.

460307 (31315) **$60.95 F**



Swobbit Quick Dry Adapter
Quik Dry Adapter allows you to use the 14" or 18" water blade with the Perfect Pole telescoping handle. Dry hard to reach areas like decks, hardtops, roofs, hull sides and more, quickly and easily. Adapter is adjustable to 180 degrees.

460268 (21215) **$9.95 F**



Swobbit Swivel Pad Uni-Snap™ Adapter
Made of durable ABS Plastic. Dual-axis Swivel plate features heavy duty hooks to securely attach Swobbit System scrub pads. Uni-Snap™ adapter is designed to work with the Perfect Pole telescoping handle.

460321 (55450) **$15.95 F**



Swobbit Aqua Dry PVA Cloth
Made from reinforced PVA material. Towel measures 3.19 sq. ft. 27" x 17". PVA absorbs 5 times its weight in liquids and is not affected by mold or mildew. Perfect for use in conjunction with a Quik Dry Water Blade to reduce drying time. Safe to use on paint, fiberglass, windows and enclosures. Stores in its own reusable tube.

460282 (38855) **$15.95 H**



Swobbit Quick Dry Water Blade
Soft medical grade silicone blade that molds to curves and contours. Patented T-bar edge dries in one pass. Safe for paint, gelcoat, enclosures, windows and rightwork.

460270 (21214) 14" Blade **$27.95 F**



Swobbit Scrub Pads
Deisgned to work with the Swobbit System Dual-Axis swivel plate. Dimensions: 4" x 10" x 1".

460318 (55220) White Scrub Pad	Fine Grade	**$5.95 F**
460319 (55230) Blue Scrub Pad	Medium Grade	**$4.95 F**
430320 (55240) Brown Scrub Pad	Coarse Grade	**$5.95 F**



3M Insta-Lok Doodlebug™ Pad Holder Kit
This holder has a swivel head and is most commonly used with 1-1/8" by 5' wooden broom handle. Kit includes: (1) 3M Doodlebug White Cleaning Pad and (1) 3M Doodlebug Brown Scrub 'N Strip Pad. Priced and sold each.

857095 (6472) **$60.95 H**

3M Doodlebug™ Pads
White cleaning pad. Designed for delicate surfaces and light cleaning jobs. Great for windows, ceramic, tile, etc. Priced and sold by the box of 5 pads.

857097 (8440) **$16.95 H**

Blue pad. Designed for medium duty cleaning jobs.

857096 (8242) **$16.95 H**

Brown Scrub 'N Strip pad. Designed for tough cleaning and stripping jobs.

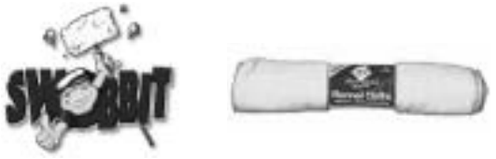
857098 (8541) **$16.95 H**

Cleaning Products



Swobbit Glass and Finishing Towel
100% Lint free cotton. White. Dimensions: 25".

460348 (56505) 6 Pack **$5.95 F**



Swobbit Flannel Polishing Cloth
100% Cotton. Great for polishing waxed surfaces.

460371 (56000) 3 Pack **$1.95 F**



Buffalo Industries Cham-Pad
Drying and cleaning for marine and auto fiberglass, paint, glass and metal surfaces. Material: 100% Oil-tanned leather chamois exterior sponge foam interior. Dries to a streak-free shine. Genuine chamois exterior. Absorbent sponge interior. Hand wash. Dimensions: 7" x 4" x 1-3/4".

460290 (65030) **$9.95 H**



Swobbit Terry Towels
100% Cotton. White. Dimensions: 17" x 14".

460357 (56100) 3 Pack **$3.95 H**
460360 (56106) 12 Pack **$12.95 H**



Swobbit Diaper Cloth
Multi-layered 100% cotton diaper actually gets softer the more you use them. A long time favorite of boaters, diapers are the ultimate cloth for waxing, detailing and polishing painted and polished metal finishes. Lint free.

460362 (56405) 6 Pack **$8.95 H**



570576



570565

Buffalo Industries Marine Shop Towels - White
Ideal for engine work, hydraulic repairs and general maintenance. Bleached white. Color-free, durable and machine washable. Dimensions:: 14" x 14". Fully hemmed. Material: 100% Cotton.

570565 (62023) 7 Pack Roll **$3.95 H**
570576 (62031) 25 Pack Bag **$11.95 H**

Cleaning Cloths



Marpro Resi-Clean Hand Wipes

Lightweight towels saturated with a biodegradable liquid. Ideal for general clean up around the home, office or shop. Completely environmentally friendly, dispose of them by placing them in any ordinary trash can. Designed to clean: 3M 5200 adhesives, caulking, epoxy resin, gel-coat, grease, mold release, over spray removal, polyester resin, polyurethane foam, varnish and vinyl ester resin.

6-7490 (2100) 30 Per Pack **$17.95 F**
6-7495 (2105) 100 Per Pack **$48.95 F**



460497



460509

Buffalo Industries Microfiber Cleaning Cloths

Ultra absorbent, super gentle, premium cloths for cleaning and polishing without chemicals. Ultra-fine fibers act like dirt magnets to clean and polish fine finishes, glass, polished and plated metals, lenses, electronics, appliances and furniture. Safe for most surfaces. Material: 80% Polyester/20% Polyamide.

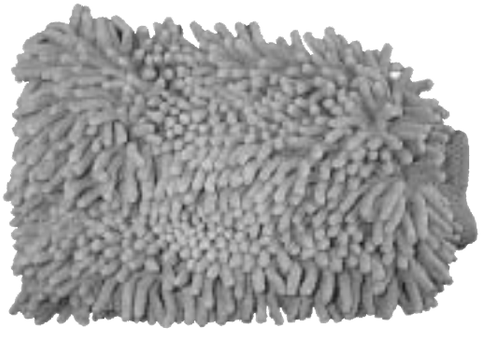
460497 (64000) 3 Pack Bag, 12″ x 12″ **$7.95 H**
460509 (65000) 3 Pack Hanging Card, 12″ x 16″, 3 Colors **$9.95 H**



3M High Performance Cleaning Cloth

Ribbon-shaped fibers lift dirt and grease instead of rolling over it. Dirt and particles are trapped within knitted tufts of the fibers. Rows and rows of tufts and valleys trap large and small particles.

857144 (67408) 12″ x 14″ **$3.95 E**



Swobbit Chenille Micro Fiber Wash Mitt

Thousands of tiny micro fibers 1/100th the width of a human hair clean without smearing or streaking. Super-soft chenille micro fiber "Rasta" strands gently wash paint, fiberglass, windows and enclosures. Holds plenty of soap and water. Lined for your comfort. Elastic Cuff.

460485 (61865) **$7.95 F**

Marpro Epoxy Resin System



Marpro Epoxy Resin
Formulated to be mixed at 5 parts resin to 1 part Fast or Slow Hardener. May be used as a laminating epoxy or thickened with Marpro fillers to a desired consistency for putty and adhesive.

7-2510	Quart	**$17.95 F**
7-2512	.86 Quart	**$60.95 F**
7-2514	4.35 Gallon	**$223.95 F**
7-2516	52.03 Drum	**$2,625.95 F**



Marpro Fast Epoxy Hardener
The pot life of the Fast Hardener is approximately 10 - 15 minutes at 77° F; 8 - 12 minutes at 90° F and approximately 20 minutes at 65° F. Providing low temperature cure down to 50° F.

7-2520	.44 Pint	Use with **7-2510**	**$7.95 F**
7-2522	.86 Quart	Use with **7-2512**	**$19.95 F**
7-2524	.94 Gallon	Use with **7-2514**	**$88.95 F**



Marpro X-Tra Slow Epoxy Hardener
The pot life for the X-TRA slow hardener is approximately 30 - 40 minutes at 77° F and 25 - 30 minutes at 90° F.

7-2540	.33 Gallon	Use with **7-2512**	**$30.95 F**



Marpro Slow Epoxy Hardener
The pot life for the Slow Hardener is approximately 20 - 25 minutes at 77° F; 15 - 20 minutes at 90° F and 30 - 35 minutes at 65° F.

7-2528	.44 Pint	Use with **7-2510**	**$7.95 F**
7-2530	.84 Quart	Use with **7-2512**	**$19.95 F**
7-2532	.94 Gallon	Use with **7-2514**	**$88.95 F**
7-2534	11.31 Gallon	Use with **7-2516**	**$777.95 F**



Marpro Cab-O-Sil Resin Thickening Agent
Thickening agent for resins and gel coats.

7-2562	6 oz.	**$14.95 F**
6-7578	10#	**$180.95 F**
6-7579	Quart	**$6.95 F**

Marpro Epoxy Resin System



Marpro Microflock
Contains: Cotton Flock.

7-2554 20 oz. **$13.95 F**



Marpro High Load Filler
Contains: Talc.

7-2558 43 oz. **$15.95 F**



Marpro Universal Pump
Used for dispensing small quantities of Epoxy Resin and Hardener. One full stroke of the pump dispenses one full measure of resin or hardener.

7-2550 **$13.95 F**

NEW ITEM



Marpro Epoxy Resin Display
This display includes the following:

(4) 6-7445 - ACETONE REPLACEMENT QT
(4) 6-7450 - 3014 ACETONE QUART 2#
(2) 6-7501 - 1750 40CC MEKP FOR GAL
(2) 6-7506 - 1125 RESIN VINYESTER GAL
(2) 6-7514 - 1020 RESIN PREMIUM W/WAX GL
(2) 6-7520 - 1380 EPOXY GLUE 2-.5 PT
(2) 6-7544 - 1720GN COLOR GREEN 1 OZ
(2) 6-7547 - 1720BN COLOR BROWN 1 OZ
(2) 6-7548 - 1720BL COLOR BLUE 1 OZ
(2) 6-7549 - 1720BK COLOR BLACK 1 OZ
(2) 6-7550 - 1720WH COLOR WHITE 1 OZ
(2) 6-7570 - 2315 MILLED FIBERS QT
(2) 6-7575 - 2160 MICRO BALLOON QUART
(2) 6-7579 - 2120 CABOSIL QUART
(2) 6-7581 - 4810 MICRO CELL FILLER QUART
(2) 6-7590 - 2420 FG CLOTH 38"" X 1 YD
(2) 6-7595 - 2510 WOVEN ROVING 1YD
(2) 6-7600 - 2360 FIBERGLASS MAT 1YD X38"
(4) 6-7621 - GELCOAT WHITE W/WAX QT
(2) 6-7622 - GELCOAT WHITE W/WAX GAL
(2) 6-7623 - 1540 GEL COAT NEUTRAL NO WAX
(4) 6-7625 - 1440 GELCOAT WHITE NO WAX QT
(2) 6-7626 - 1450 GELCOAT WHITE NO WAX GAL
(2) 6-7630 - 1965 WAX ADDITIVE F/1GAL GEL
(2) 6-7637 - 1640 WHITE PUTTY 1/2 PT
(2) 6-7640 - 5040 ALUM RESIN ROLLER 1/2X3
(4) 7-2510 - 4020 RESIN - QT
(2) 7-2512 - 4040 RESIN - .98GL
(4) 7-2520 - 4120 HARDENER .44PT
(2) 7-2522 - 4140 HARDENER .86QT
(4) 7-2528 - 4220 SLOW HARDENER .44PT
(2) 7-2530 - 4240 SLOW HARDENER .86QT
(2) 7-2550 - 4920 EXPOXY PUMPS (SET OF 3)
(2) - WIDE BASE SIGN HOLDER
(1) - LITERATURE PACK FOR RACK

6-7397 **$1,389.95 F**

Epoxy Based Fillers

Travaco Marine-Tex

Self-hardening plastic metal. Repairs damaged hulls, dry rot, leaky tanks and engine blocks in minutes. Watertight! Stronger than before mishap. Handles like putty. Hardens like steel and sands like wood. Can be drilled, threaded, sanded and painted. Sold each.

660399	White Jr.	2 oz.	**$14.95 H**
660402	White	14 oz.	**$43.95 H**
660414	White	2.5 lbs.	**$104.95 H**
660363	Grey Jr.	2 oz.	**$14.95 H**
660375	Grey	14 oz.	**$43.95 H**
660387	Grey	3 lbs.	**$104.95 H**



Marine-Tex Rapid Set

Convenient repair paste, one to one mix, for emergency or permanent repairs. Bonds to wood, steel, aluminum and fiberglass.

660427 (301BU) **$10.95 H**



Interlux Watertite Epoxy Compound

Epoxy filler fairing compound. Excellent for fairing to a perfect surface and ideal for keels and hulls. The solution for filling blister holes. Stops water penetration. Sold each.

404309	(YAV135)	24 oz.	**$26.95 C**
404323	(YAV135)	48 oz.	**$44.95 C**



Pettit A-788 Splash Zone Compound

Two component 100% non-volatile epoxy polyamide mastic used to repair and protect metal, concrete and other surfaces at, above and below the waterline in splash zone areas, both fresh and salt water. Can be mixed and applied underwater and will cure underwater as well as in the air. When cured, forms a hard coating resistant to abrasion, impact, water, chemicals and solvents. Adheres well to most surfaces, wet or dry, including steel, galvanizing, aluminum, concrete, wood, fiberglass and existing well-bonded coatings.

735728 (A-788) Half Gallon Set **$67.95 C 2D**



Star Brite Epoxy/Aluminum Putty Stick

Makes permanent and emergency repairs on aluminum boats, outdrives, fuel and water tanks and other aluminum parts. Easy to use; just hand knead for 1 minute and apply to damaged area. 4 oz. Sold each. Standard pack 12.

431356 (87004) **$12.95 F**



Star Brite Emergency Repair Epoxy Putty Stick

Makes permanent and emergency repairs on fiberglass, wood, metal and plastic. Easy to use; just hand knead until color turns white and apply to damaged area. 4 oz. Sold each. Standard pack 12.

431332 (87104) **$12.95 F**

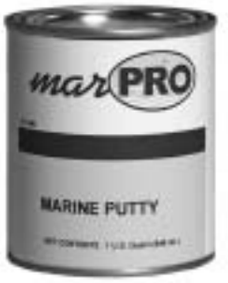


Fibreglass Evercoat Aluminox Epoxy Stick

Permanently repairs holes, gouges, cuts, rivet leaks in aluminum boats. Seals leaks in fuel water tanks and lines, pipe joints, drains, exhaust lines, manifolds and mufflers. Cuts through oxidation and anoxidation to enhance ability to adhere to old aluminum. Works equally well on other materials including fiuberlgass, wood, other metals and ceramics. Sets in 30 minutes. Can be sanded, painted, drilled, tapped and filed. Will not shrink or pull away.

440074 (108020) **$18.95 H**

Polyester Fillers



Marpro Marine Putty BPO-Cured

White, polyester based, marine putty that is cured with a BPO hardener (included). This is a fast putty that allows the user to sand within 20 minutes of application.

6-7637 1/2 Pint **$14.95 F**
6-7638 Pint **$21.95 F**
6-7540 Quart **$27.95 F**



3M Marine Premium Filler

It is a two-component vinyl ester filler designed for marine filling and fairing of fiberglass, wood, aluminum and steel surfaces above and below the waterline. Premium Filler resists water absorption into hulls, decks and other fiberglass parts. Sandable in just 30 minutes. Cures faster than marine epoxy fillers and fairing compounds. Hardener included.

852499 (46004) Pint **$31.95 H**
852500 (46005) Quart **$58.95 H**
852512 (46006) Gallon **$175.95 H**



3M Marine Lightweight Body Filler

This vacuum processed lightweight body filler is designed to be used for filling and shaping prototypes and plugs in the OEM Plug/Mold Department. This filler cures tack-free in 15-20 minutes, reducing sandpaper loading. Other important advantages are: Creamy texture, smooth spreading, easy sanding, and vacuum processed to minimize pinholes. Sold each. Standard pack 4.

856724 (05801) Gallon **$31.95 H**
856726 (05804) 5 Gallon Pail **$172.95 H**



3M Marine Blister and Repair Filler

It is a two-component vinyl ester filler formulated with short strand fiberglass for blister and other semi-structural repairs, above and below the waterline. This high performance reinforced filler is designed to reduce water transmission AND absorption into repaired areas of fiberglass hulls, decks and other parts, reducing the possibility of future osmotic blister damage.

852548 (46013) Quart **$79.95 H**
852550 (46014) Gallon **$196.95 H**



Fibreglass Evercoat Formula 27® Plastic Filler

Finest quality, extra-white plastic filler for filling dents, scrapes and gouges. All-purpose. Water resistant. For permanent repairs of wood, fiberglass, metal, cement, stucco and drywall. Does not shrink after drying. A true "miracle mender" that won't crack or pop out. Can be mixed with Coloring Agents to closely match many colors. White cream hardener included. Sold each.

431255 (100572) Half Pint **$16.95 H 12K**
431267 (100571) Pint **$27.95 H 12K**
431279 (100570) Quart **$39.95 H 6K**

Polyester Fillers

EVERCOAT



Fibreglass Evercoat Polyester Fiberglass Repair Kits

Fast and easy permanent repairs of fiberglass, most woods and metals. Strengthens, repairs and rebuilds. Repair cracks and holes in fiberglass and wood. May be used for small lay-up jobs or fabricating missing fiberglass panels. Includes fiberglass fabric, spreader stick, polyester resins (or resin gel) and liquid hardener.

1/2 pint of polyester resin with hardener, 3 sq. ft. of fiberglass cloth, spreader stick, mixing tray and instructions.

431231 (100637) **$33.95 H 6K**

1 quart of polyester resin, 11 cc tube of hardener, 6 sq. ft. fiberglass mat, 3" x 5' tape, mixing cups, sticks and instructions.

431229 (100370) **$74.95 H 6K**

EVERCOAT



Fibreglass Evercoat Polyester Glazing Putty

A thick, creamy, smooth texture works well for minor scratch filling, pinholes, grind marks and other surface imperfections before the final finishing. Apply over other polyester fillers; resin lay-ups, damaged fiberglass, gelcoat, metal, and wood. Blue cream hardener included. Sold each. Standard pack 12.

431243 (100400) 2.2 lbs. **$45.95 H 12K**

Lightweight Body Filler

A lightweight body filler for filling and finishing. It is smoother and lighter than conventional fillers. Easier to mix and apply. Can be filled & sanded minutes, hours or even days later. Less dust & sandpaper will last up to five times as long.

431027 (1710) 1/2 Pint **$5.95 F**

3M



3M Cream Hardener

A blue cream hardening agent designed to be used with 3M Zebra Fillers, part number 05868, 05870 and 05871 and 3M Piranna Putty 05821. Sold each. Standard pack 12.

856748 (05766) 2.75 oz. **$5.95 H**

3M



3M Cream Hardener

A red cream hardening agent designed to be used with 3M lightweight body filler. Its creamy consistency mixes easily & quickly. Sold each. Standard pack 12.

856736 (05830) 2.75 oz. **$5.95 H**

3M Marine Putties

3M Marine Putties

Acryl-Green Spot Putty. Fast drying, easy sanding putty designed for spotty repairs. Spreads very easily. Loads paper less and can be sanded 10 to 15 minutes. 21 oz.

856750 (05960) **$32.95 H**

Acryl-Marine Putty - White. Designed specifically for the boat repair market, this putty is recommended for filling pinholes, scratches and other surface defects on hulls.. 21 oz.

856774 (05962) **$27.95 H**

Acryl-Blue Glazing Putty. Slow drying, easy spreading putty. Provides more working time than **856750** (05960) Acryl-Green Spot Putty. Recommended for filling minor low areas and deeper sand scratches. Loads paper less and can be sanded in 30 minutes. 21 oz.

856798 (05964) **$31.95 H**

Piranha Advanced Finishing Putty. Two component, self-leveling putty designed for use as a "skin" coat over plastic filler to fill pinholes, sand scratches, low areas and other imperfections. Cures tack-free in 30 minutes. Grips tight to galvanized steel, sanded paint, aluminum, steel, SMC and Fiberglass. Extremely easy sanding. Flowable & brushable. Non-staining. 24 oz.

856801 (05821) **$51.95 H**

3M



856750



856774



856798

NEW ITEM



856801

Specialty Epoxy Resins



Boat Life "Git"-Rot®
A two-part liquid epoxy that penetrates and saturates dry rotted wood and restores structural strength. Compatible with fiberglass resin, epoxies and polysulfide. Cures overnight, sandable, paintable, tappable. Sold each. Standard pack 12.

248775 (1063) 4 oz. **$19.95 H**
248787 (1064) Pint **$46.95 H**



Travaco Gluvit
Epoxy waterproof sealer. Fills and seals leaks on cabin roofs, decks, hatches, part of the hull or the complete hull. No fiberglass required. Saves work and search! Single coat of up to 10 mils, will withstand 4,000 lbs. per sq. ft. water pressure. Gluvit is a neutral pigment and must be painted after cure for maximum ultra-violet protection.

660426 Quart **$52.95 H**
660438 Gallon **$137.95 H**



Marpro Table Top Epoxy Resin
Formulated for a one to one mix ratio. Designed for interior wood depth coat finishing. Long open time with 8 hour cure. May also be used for lamination when longer open times are required.

6-7530 Quart Kit **$19.95 F**
6-7531 Gallon Kit **$52.95 F**

Marpro Polyester Resins



Marpro High Quality Vinylester Resin
For use in boat construction where the highest strength and cosmetics are required. May be used in some vacuum infusion applications. Contains no wax.

6-7506 Gallon **$70.95 F**
6-7507 5 Gallon **$323.95 F**
6-7508 55 Gallon **$2,464.95 F**



Marpro Gel Coat - No Wax
Exterior gel coat is pigmented with Titanium Dioxide. It is resilient (will withstand good impact), and it is light stabilized. Designed for mold operation, a wax solution must be added when using for repairs toprovide sandability.

6-7623 Neutral Quart **$16.95 F**
6-7625 White Quart **$15.95 F**
6-7626 White Gallon **$49.95 F**
6-7627 White 5 Gallon **$219.95 F**

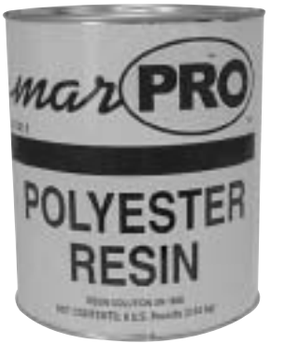
Marpro Gel Coat with Wax
6-7621 Quart **$16.95 F**
6-7622 Gallon **$56.95 F**

Marpro Polyester Resins



Marpro Premium Polyester Resin
A premium quality blended resin for use in boat construction. Meets low profile specifications. Also available with out wax.

6-7514	Gallon	**$40.95 F**
6-7515	5 Gallon	**$188.95 F**



Marpro Boatyard Resin
A polyester resin specially formulated and double promoted to give you a tack free surface in a minimum of time.

6-7410	Quart	**$10.95 F**
6-7411	Gallon	**$31.95 F**
6-7412	5 Gallon	**$137.95 F**



Marpro Wax Sol

6-7630	4 oz.	For One Gallon	**$5.95 F**
6-7632	Gallon		**$60.95 F**

Marpro Layup Resin

6-7413	55 Gallon	**$1,229.95 F**



Marpro The Complete Polyester Resin Repair Kit
Very convenient assortment of items to assist in the repair of fiberglass. The kit includes: 16 oz. of Boat Yard Resin, hardener, 5 oz. of Acetone, 1 sq. yd. of Fiberglass Mat, 2" brush, 4" squeegee, latex gloves, mixing sticks, 1 sheet of sandpaper and directions.

6-7535		**$32.95 F**



Marpro M.E.K.
A Methyl-ethyl ketone peroxide liquid hardener catalyst for all polyester resins and gelcoats.

6-7500	1/4 oz.	For Quart	**$2.95 F**
6-7501	1 oz.	For Gallon	**$3.95 F**
6-7502	Pint	For 5 Gallon	**$8.95 F**
6-7503	Gallon	For 55 Gallon	**$67.95 F**

Marpro Polyester Resins



Marpro Micro Cell
Q-Cell and Micro-Balloons combined to make a light weight filler that is easily sanded.

7-2566 12 oz. **$24.95 F**
6-7581 Quart **$6.95 F**



Marpro Micro Balloons
Use for thickening epoxy and polyester when finish sanding is desired.

7-2570 5 oz. **$15.95 F**
7-2574 4# **$255.95 F**
6-7575 Quart **$16.95 F**
6-7576 Gallon **$30.95 F**



Marpro Milled Fibers
Add desired amount of Milled Filbers to Epoxy or Polyester Resin for desired thickness.

6-7570 Quart **$15.95 F**





Marpro Styrene
Reducer for polyester resins and gel coats.

6-7475 4 oz. **$4.95 F**
6-7620 Pint **$8.95 F**

NEW ITEM



Marpro Polyester Resin Display
This display includes the following:

(4) 6-7410 - 700197 RESIN BTYD NO WAX QUART
(2) 6-7411 - 700198 RESIN BTYD NO WAX GAL
(4) 6-7445 - ACETONE REPLACEMENT QUART
(4) 6-7450 - 3014 ACETONE QUART 2#
(2) 6-7451 - 3018 ACETONE GALLON 6.5#
(2) 6-7501 - 1750 40CC MEKP FOR GAL
(2) 6-7506 - 1125 RESIN VINYESTER GAL
(2) 6-7514 - 1020 RESIN PREMIUM W/WAX GAL
(2) 6-7520 - 1380 EPOXY GLUE 2-.5 PINT
(2) 6-7535 - 1230 RPR KIT POLYESTER RESIN
(2) 6-7544 - 1720GN COLOR GREEN 1 OZ
(2) 6-7547 - 1720BN COLOR BROWN 1 OZ
(2) 6-7548 - 1720BL COLOR BLUE 1 OZ
(2) 6-7549 - 1720BK COLOR BLACK 1 OZ
(2) 6-7550 - 1720WH COLOR WHITE 1 OZ
(2) 6-7570 - 2315 MILLED FIBERS QUART
(2) 6-7575 - 2160 MICRO BALLOON QUART
(2) 6-7579 - 2120 CABOSIL QUART
(2) 6-7581 - 4810 MICRO CELL FILLER QUART
(2) 6-7590 - 2420 FG CLOTH 38"" X 1 YD
(2) 6-7595 - 2510 WOVEN ROVING 1YD
(2) 6-7600 - 2360 FIBERGLASS MAT 1YD X38"
(2) 6-7620 - 1920 STYRENE PINT
(4) 6-7621 - GELCOAT WHITE W/WAX QUART
(2) 6-7622 - GELCOAT WHITE W/WAX GAL
(2) 6-7623 - 1540 GEL COAT NEUTRAL NO WAX
(4) 6-7625 - 1440 GELCOAT WHITE NO WAX QUART
(2) 6-7626 - 1450 GELCOAT WHITE NO WAX GAL
(2) 6-7630 - 1965 WAX ADDITIVE F/1GAL GEL
(2) 6-7637 - 1640 WHITE PUTTY 1/2 PINT
(2) 6-7640 - 5040 ALUM RESIN ROLLER 1/2X3
(2) WIDE BASE SIGN HOLDER
(1) LITERATURE PACK FOR RACK

6-7398 **$1,254.95 F**

Polyester Resins



Marpro Coloring Agents
Popular color matching agents that blend with polyester resins, gel paste and epoxy resins, Formula 27 and various putties. Colorants may be mixed to obtain desired color match. Use 1 oz. color per quart of resin. Use very small amounts to tint fiberglass repair putty or scratch patch.

6-7544	Green	1 oz. Jar	**$7.95 F**
6-7545	Red	1 oz. Jar	**$7.95 F**
6-7546	Gold	1 oz. Jar	**$7.95 F**
6-7547	Brown	1 oz. Jar	**$7.95 F**
6-7548	Blue	1 oz. Jar	**$7.95 F**
6-7549	Black	1 oz. Jar	**$7.95 F**
6-7550	White	1 oz. Jar	**$7.95 F**
6-7551	White	4 oz. Jar	**$15.95 F**



Marpro Resin Rollers
Spiral threaded grooves to spread resin and glass better, removes air bubbles and laminates evenly. Features: Angled tapered grooved sizes, contoured angles and aluminum.

6-7640 Dimensions: 1/2" x 3" **$18.95 F**
6-7641 Dimensions: 3/4" x 6" **$23.95 F**



Fibreglass Evercoat Gelcoat Repair Kit
Permanently repair nicks, gouges and scratches in fiberglass hulls and decks. Blend coloring agents to achieve a match to almost any color. Repair material cures glass-hard in one hour. A special release film and no-run polyester gel makes a slick , no-sand finish quick and easy. Mix colors directly against hull or deck for a perfect match. Also repairs countertops, appliances, bathroom tubs and sinks. Complete kit contains: Colors, polyester gel coat paste, hardener, release film, mixing sticks, blending chart and instructions.

440064 (108000) **$51.95 Q**



Fibreglass Evercoat Polyester Gel Paste
Neutral color polyester paste for permanent marine repairs. Neatly covers gouges, scrapes and scratches in fiberglass. Can be mixed with Coloring Agents to closely match many colors. Cures tack free without release film. May be polished with compound to high gloss. Easy to sand. Hardener included. Sold each. Standard pack 12.

440051 (100695) Pint **$35.95 H 12K**

Cream Hardener
Benzoyl peroxide paste cream hardener for autobody filler.

440848 (101313) 2.75 oz. **$2.95 G 24H**



Fibreglass Evercoat Spreader Kit
Set of 3 flexible, long lasting plastic spreaders in different sizes. For fast, smooth application of resins, body filler or crack filler. Sold each per display card. Standard pack 24.

431217 (100381) **$5.95 H 24K**
440836 (101018) 5" Spreader **$0.95 G**

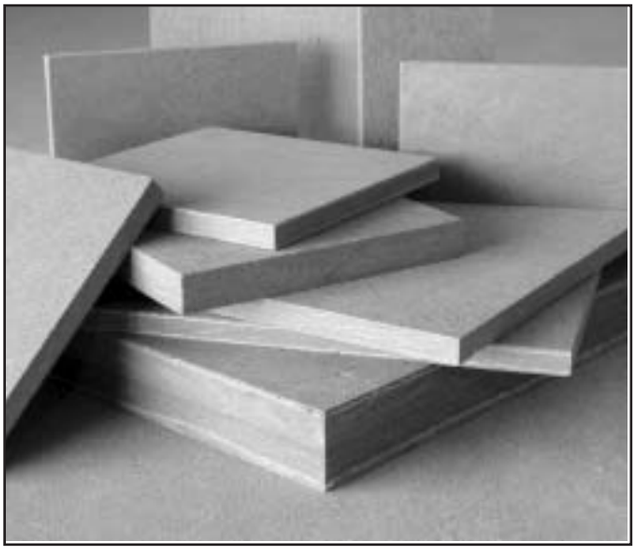


Fibreglass Evercoat Gel Coat Scratch Patch
Make easy, permanent repairs on hairline cracks, small scratches and chips in gelcoat without sanding or using catalyst. Use Resin Colorant to tint White Scratch Patch for close color match. Repair fiberglass boats. Clear Scratch Patch hides scratches on most dark colors. Kit includes: 1/2 fl. oz. liquid patch material, applicator tool and instructions. Standard pack 10.

439972 (105651) Clear **$16.95 H 10K**
439984 (105652) White **$16.95 H 10K**
439996 (105653) Buff White **$16.95 H 10K**

Coosa Composite Panels

Shipped F.O.B. from point of orgin ONLY!



COOSA COMPOSITES, LLC

Special Handling May Apply

Coosa Composite Panels

Coosa Composites, LLC manufactures high-density, fiberglass reinforced polyurethane foam panels that are widely used in structural and non-structural applications throughout the marine industry. The no-rot and lightweight advantages of foam combined with the structural properties of fiberglass make Coosa panels an excellent replacement material for wood and other traditional core materials.

Coosa's Bluewater series is reinforced with layers of woven roving fiberglass and continuous strand fiberglass and is available in a 20 and 26 lb density. The Bluewater series is typically used in the marine industry for stringers, bulkheads, decking, transom and anywhere else that plywood might be used as a structural component of a boat.

412180	(B20W0025T)	1/4" Bluewater 20 4' x 8'	**$202.95 H**
412192	(B20W0050T)	1/2" Bluewater 20 4' x 8'	**$253.95 H**
412142	(PBW0050T)	1/2" Bluewater 26 4' x 8'	**$356.95 H**
412166	(PBW0075T)	3/4" Bluewater 26 4' x 8'	**$383.95 H**
412130	(PBW0375T)	3/8" Bluewater 26 4' x 8'	**$302.95 H**
412154	(PBW0625T)	5/8" Bluewater 26 4' x 8'	**$378.95 H**
412178	(PBW1000T)	1" Bluewater 26 4' x 8'	**$453.95 H**

Marpro Combo Resin Display

marPRO



Marpro Combo Resin Display

This display includes the following:

(4) 6-7410 - 700197 RESIN BTYD NO WAX QT
(2) 6-7411 - 700198 RESIN BTYD NO WAX GL
(4) 6-7445 - ACETONE REPLACEMENT QT
(4) 6-7450 - 3014 ACETONE QUART 2#
(2) 6-7501 - 1750 40CC MEKP FOR GAL
(2) 6-7520 - 1380 EPOXY GLUE 2-.5 PT
(2) 6-7535 - 1230 RPR KIT POLYESTER RESIN
(2) 6-7544 - 1720GN COLOR GREEN 1 OZ
(2) 6-7547 - 1720BN COLOR BROWN 1 OZ
(2) 6-7548 - 1720BL COLOR BLUE 1 OZ
(2) 6-7549 - 1720BK COLOR BLACK 1 OZ
(2) 6-7550 - 1720WH COLOR WHITE 1 OZ
(2) 6-7575 - 2160 MICRO BALLOON QUART
(2) 6-7579 - 2120 CABOSIL QUART
(2) 6-7590 - 2420 FG CLOTH 38" X 1 YD
(2) 6-7595 - 2510 WOVEN ROVING 1YD
(2) 6-7600 - 2360 FIBERGLASS MAT 1YD X38"
(2) 6-7620 - 1920 STYRENE PINT
(4) 6-7621 - GELCOAT WHITE W/WAX QT
(2) 6-7622 - GELCOAT WHITE W/WAX GAL
(2) 6-7623 - 1540 GEL COAT NEUTRAL NO WAX
(2) 6-7630 - 1965 WAX ADDITIVE F/1GAL GEL
(2) 6-7637 - 1640 WHITE PUTTY 1/2 PT
(2) 6-7640 - 5040 ALUM RESIN ROLLER 1/2 X 3
(4) 7-2510 - 4020 RESIN - QT
(2) 7-2512 - 4040 RESIN - .98 GL
(4) 7-2520 - 4120 HARDENER .44 PT
(2) 7-2522 - 4140 HARDENER .86 QT
(4) 7-2528 - 4220 SLOW HARDENER .44 PT
(2) 7-2530 - 4240 SLOW HARDENER .86 QT
(2) 7-2550 - 4920 EXPOXY PUMPS (SET OF 3)
(2) WIDE BASE SIGN HOLDER
(1) LITERATURE PACK FOR RACK

6-7399 **$1,157.95 F**

Marpro Fiberglass Cloth and Mats



Marpro Fiberglass Cloth Tape
The finest quality fiberglass cloth woven in narrow widths with non-raveling edges.

6-7610	2" x 50 yds.	**$36.95 F**
6-7611	4" x 50 yds.	**$59.95 F**
6-7612	6" x 50 yds.	**$93.95 F**
6-7613	12" x 50 yds.	**$156.95 F**

EVERCOAT

Fibreglass Evercoat Bulk Fiberglass Tape
Cloth woven tape. Both edges are sewn to eliminate raveling. Dealers can cut to the customers' desired size, or the rolls may be used for a large construction job.

440053 (100923) 6" x 50 yds. **$130.00 H**



Marpro Fiberglass Woven Roving
Heavy weight fiberglass fabric. Very bulky for stronger repair applications where large build-up is needed.

6-7595 38" x 1 yd. **$10.95 F**



Marpro Fiberglass Mats
100% fiberglass in a non-woven state. Use as reinforcement for polyester or epoxy resin. For bulk "build-up" when repairing holes and badly damaged area.

Chopped strand mat - 1.5 oz.

6-7600	38" x 1 yd.	**$6.95 F**
6-7601	38" x 3 yds.	**$19.95 F**
6-7603	50" x 1 yd.	**$7.95 F**
6-7604	50" x 3 yds.	**$22.95 F**
6-7605	50" x 73 lineal yds.	**$426.95 F**

Biaxial mat - 37 oz.

6-7608	Combo Mat - 50" x 1 yd.	**$24.95 F**
6-7594	50" x 1 yd.	**$21.95 F**
6-7606	50" x 60 lineal yds.	**$901.95 F**
6-7588	6" x 50 yds.	**$96.95 F**
6-7589	12" x 50 yds.	**$192.95 F**



Marpro Fiberglass Cloth
The finest quality 7-1/2 oz. fiberglass cloth available for use with polyester and epoxy resins and gelcoats.

6-7590	38" x 1 yd.	**$8.95 F**
6-7591	38" x 3 yds.	**$23.95 F**
6-7592	50" x 1 yd.	**$15.95 F**
6-7593	50" x 3 yds.	**$41.95 F**
6-7585	38" x 60 yds	**$433.95 F**
6-7586	50" x 60 yds	**$718.95 F**
6-7587	50" x 60 yds	**$784.95 F**

Marpro Chemicals



Marpro Lacquer Thinner
A general purpose solvent used for thinning various Lacquer Base Paints. Used to help control brushing and spraying consistency. May be used as a cleaner for spray equipment, brushes and rollers. Not for use on nylon or synthetic tools.

6-7465	Quart	**$5.95 F 12L**
6-7466	Gallon	**$16.95 F 4L**
6-7467	5 Gallon	**$74.95 F**



Marpro M.E.K. Solvent
An active ketone solvent for cleaning and dissolving epoxy and polyester resins.

6-7456	Quart	**$6.95 F 12L**
6-7457	Gallon	**$26.95 F 4L**
7-2580	M.E.K.P. Dispenser	**$8.95 F**



Marpro Denatured Alcohol
An excellent fuel for alcohol burning stoves and lamps. Burns with a clear colorless flame.

6-7460	Quart	**$6.95 H**
6-7461	Gallon	**$17.95 H**
6-7462	5 Gallon	**$84.95 F**



Marpro Xylene
Use for paint thinning and brush cleaning.

6-7473	Gallon	**$18.95 F**



Marpro Acetone
Premium grade quality. A colorless, clear, fast drying solvent used extensively for cleaning brushes, rollers, as a degreaser, cleaner in fiberglass fabrication and formulations for removing paint, lacquer and varnish.

6-7450	Quart	**$6.95 F 12L**
6-7451	Gallon	**$21.95 H 4L**
6-7452	5 Gallon	**$120.95 H 5L**
6-7453	55 Gallon Drum	**$1,069.95 F**

NEW ITEM



Marpro High Performance Resin Cleaner (Acetone Replacement)
It is a versatile high solids resin cleaner designed for clean-up purposes in a typical composites manufacturing facility. Designed to remove uncured Polyester, Vinyl Ester, Epoxy Resin and Gel-Coat from tools, equipment and cleaning vessels. However, it is aggressive enough to be an effective cleaner for cured resins under specific conditions. Non-corrosive formula is compatible with steel, aluminum and stainless steel. Dilution with water provides additional value and extended product life.

6-7445	Quart	**$27.95 F**



Marpro Mineral Spirits
Low odor. Quick drying. Crystal clear. May be added to oil base paints, enamels and varnishes for exterior and interior use to thin and control flow rate. Do not use with synthetic or rubber base enamels or water thinned paints.

6-7470	Quart	**$5.95 F 12L**
6-7471	Gallon	**$15.95 F 6L**

Epoxy Glue



Marpro Epoxy Glue
High viscosity. One to one mix ratio. 45 minute pot life; sandable in 4 hrs. Excellent bonding to properly prepared surfaces.

6-7520 Pint Set **$15.95 F**
6-7521 Quart Set **$26.95 F**
6-7522 Gallon Set **$84.95 F**



Special Handling May Apply

3M Fastbond™ 10 Neutral Contact Adhesive
A brushable, air-drying, neutral-colored contact adhesive used for bonding decorative laminates, aluminum, steel, wallboard, plywood, panels, wood and wood veneer, rubber canvas and other porous and non-porous materials to each other or to themselves.

856538 (20272) Quart **$32.95 H**
856539 (20274) Gallon **$99.95 H**
856540 (20276) 5 Gallon **$305.95 H**



Permatex Super Glue Gel
This no run gel formula "stays put" for precise application, even on vertical surfaces. Also ideal for overhead or hard-to-reach surfaces. It works on both porous and nonporous materials. Suggested applications: Metal, plastics, rubber, vinyl, paper, wood, textiles and cork gaskets.

545179 (82191) .07 oz. Tube **$2.95 F**



Permatex Cold Weld Bonding Compound
A 15-minute, two-part adhesive and filler system that eliminates the need for welding or brazing. Once cured, it can be drilled, sanded, painted or filed. Resists most automotive, shop and cleaning fluids. Withstands temperatures to 300°F intermittent. Over 3,000 PSI shear strength on steel. Suggested applications: Aluminum, steel, brass, bronze, castings and stampings.

545016 (14600) Two 1 oz. Tubes **$6.95 F**

NEW ITEM



Fibreglass Evercoat Epoxy Glue Syringe
Crystal clear liquid formula is great for the small jobs demanding an epoxy. Sets in five minutes and has full 1,500 lb. strength in one hour. No measuring needed. The plunger dispenses the correct 1:1 ratio every time. Mini stir stick included for mixing. Marine formula resists water, brine, sun, chemicals and fuels. Bonds to wood, metal, glass, fiberglass, gelcoat, ceramics and most plastics.

440075 (108017) **$14.95 H**

Adhesives/Sealants for Below Waterline





3M Marine Adhesive/Sealant Fast Cure 5200

A faster curing version of 3M Marine Adhesive/ Sealant 5200. The high performance polyurethane becomes tack free in one hour and fully cures in approximately 24 hours. The seal is extremely strong, retains its strength above or below the waterline. Stays flexible too - allows for structural movement. Stress caused by shock, vibration, swelling or shrinking is effectively absorbed. Has excellent resistance to weathering & salt water. White. Sold each. Standard pack 12.

856135 (05220) 3 oz. Tube **$17.95 H**
856136 (06520) 10 oz. Cart. **$28.95 H**



3M Marine Adhesive/Sealant 5200

High performance polyurethane adhesive/sealant becomes tack free in 48 hours, completely cures in 5-7 days with no shrinkage. Retains its strength above or below the waterline. Stays flexible too – allows for structural movement. Has excellent resistance to weathering and saltwater. Won't sag or flow in vertical or horizontal seams. Sold each. Standard pack 12.

856027 (05203) 3 oz. Tube	White	**$14.95 H**
856041 (05205) 3 oz. Tube	Black	**$14.95 H**
856053 (05206) 1 oz. Tube	White	**$8.95 H**
856091 (06500) 10 oz. Cart.	White	**$25.95 H 12K**
856104 (06501) 10 oz. Cart.	Tan	**$25.95 H 12K**
856116 (06502) 10 oz. Cart.	Mahogany	**$25.95 H 12K**
856130 (06504) 10 oz. Cart.	Black	**$25.95 H 12K**
856003 (21463) 5 Gal. Pail	White	**$1,238.95 H**



3M Marine Sealant 101

This high quality polysulfide bedding and deck seam sealant chemically cures to form a firm, rubbery watertight seal. Seals between mechanically fastened joints on wood, fiberglass, metal and most plastics; above and below the waterline. Non-sagging, non-shrinking formula becomes tack free in 5 hours and remains permanently flexible. Excellent resistance to chemicals, weathering, saltwater and stresses caused by joint movement. White. Sold each. Standard pack 12.

856178 (06510) 10 oz. Cart. **$27.95 H 12K**



3M Marine Sealant Fast Cure 4000 UV

Resistant to weathering, saltwater, and stresses caused by joint movement. Seals between mechanically fastened joints on wood, fiberglass, metal and most plastics above and below the waterline. Applications include sealing deck to hull joints, thru-hull fittings, window and door frames, deck hardware, navigation lights, hatches and porthole frames. It is also paintable. Sold each. Standard pack 12.

856153 (05280) 3 oz. Tube	White	**$13.95 H**
856154 (06580) 10 oz. Cart.	White	**$20.95 H**

3M Marine Adhesive/Sealant Fast Cure 4200

A one-part general purpose polyurethane that chemically reacts with moisture to deliver flexible bonds with good adhesion to wood, fiberglass, gelcoat, plastics and metals. Paintable and sandable. Forms watertight, weather-resistant seals on joints and boat hardware above or below the waterline. Sold each. Standard pack 12.

856140 (05260) 3 oz. Tube	White	**$14.95 H**
856142 (06560) 10 oz. Cart.	White	**$24.95 H**
856144 (06564) 10 oz. Cart.	Black	**$24.95 H**



Adhesives/Sealants for Below Waterline



Boat Life
Life-Calk® Sealants

A long lasting, permanently flexible marine polysulfide sealant which can be sanded, painted and used above and below the waterline. Tack-free in 1 to 3 days. It offers excellent resistance to teak oils, gasoline and diesel fuel. Will bond to fiberglass, wood, metal, glass and itself. Cures to a positive waterproof seal. Twists, bends, expands, compresses. Can be applied to damp surfaces. Do not use on Lexan or ABS.

248460	(1030) White	2.8 oz. Tube	**$11.95 H**
248472	(1031) Black	2.8 oz. Tube	**$11.95 H**
248509	(1033) White	10.6 oz. Cart.	**$22.95 H**
248511	(1034) Black	10.6 oz. Cart.	**$22.95 H**



Boat Life Life-Seal® Sealants

A unique combination of marine silicone and polyurethane, formulated especially for fiberglass. Offers a fast-curing, low odor, high adhesion, non-sagging, non-corrosive, non-yellowing formula. May be used above or below the waterline. Permanently flexible, non- shrinking and non-cracking. Use on Lexan, ABS, metal, glass and wood.

248612	(1109) Clear	1 oz. Tube	**$7.95 H**
248624	(1160) Clear	2.8 oz. Tube	**$11.95 H 3J**
248635	(1161) White	2.8 oz. Tube	**$11.95 H 3J**
248662	(1169) Clear	10.6 oz. Cart.	**$21.95 H 3J**
248674	(1170) White	10.6 oz. Cart.	**$21.95 H 3J**



Sudbury Heavy Duty Marine Sealants

It is the perfect sealant for a heavy duty service above or below the waterline. A one-part, fast skinning product. Cures in temperatures from -20° F to +120° F and can be wet sanded and painted after cured. Flexibility and compression capabilities are excellent. Resistant to teak cleaners, oil, gasoline, diesel fuel and saltwater. Adheres tenaciously to fiberglass, wood, metal, glass, Lexan, plexiglass and other plastics. Simple clean up with mineral spirits.

583004	(320) White	3 oz. Tube	**$13.95 H 12K**
583016	(321) Clear	3 oz. Tube	**$13.95 H 12K**
583030	(300) White	10 oz. Cart.	**$20.95 H**
583042	(301) Clear	10 oz. Cart.	**$20.95 H**

Adhesives/Sealants for Above Waterline



marPRO

Made in the USA

Sold in 4 Packs Only

Marpro Marine Grade Silicone Sealant

Is a high performance silicone which exhibits excellent adhesion to glass, metal, porcelain, ceramic, fiberglass and other non-porous surfaces. Cures to a tough, rubbery and permanently flexible sealant.

7-2505	Clear	10.1 oz.	**$8.95 F**
7-2507	White	10.1 oz.	**$8.95 F**

3M

3M Marine Grade Mildew Resistant Silicone

A mildew resistant non-sagging, moisture-curing silicone rubber sealant. Remains flexible. Adheres to bare and painted metal, fiberglass, glass, non-oily woods and many plastics and abraded rubbers. Ideal for head and galley sealing applications. Also excellent gasket adhesive and formed-in-place gasket material.

856318	(08017)	3 oz. Tube	White	**$13.95 H**
856332	(08019)	3 oz. Tube	Clear	**$13.95 H**
856356	(08027)	10 oz. Cart.	White	**$32.95 H**
856370	(08029)	10 oz. Cart.	Clear	**$32.95 H**



Caulking Gun

All welded construction. A reliable tool to deliver caulk. Sold each. Standard pack 12.

249107 (6001) **$3.95 H**



Permatex Sealants



Permatex High-Temp Red RTV Silicone Gasket

Formulated for hi-temp applications, or heavy-duty use (such as towing, etc.). Replaces almost any cut gasket by making reliable "formed-in-place" gaskets that resist cracking, shrinking and migrating caused by thermal cycling. Coats pre-cut gaskets to increase reliability. Temperature range -75°F to 650°F intermittent; resists auto and shop fluids. First generation 1970-1980 gasket maker. Also available in Automatic Tube® dispenser. Suggested applications: Valve covers, oil pans, timing covers, water pumps, thermostat housings, transmission pans.

545129 (81160) 3 oz. Tube **$7.95 F**



Permatex Sensor-Safe Blue RTV Silicone Gasket

The original Blue. Will not foul oxygen sensors. Replaces almost any cut gasket. Makes reliable "formed-in-place" gaskets that resist cracking, shrinking and migrating. Coats pre-cut gaskets to increase reliability. Temperature range -65°F to 500°F intermittent; resists auto and shop fluids. First generation 1970-1980 gasket maker. Also available in Automatic Tube® dispenser. Suggested applications: Valve covers, oil pans, timing covers, water umps, thermostat housings, transmission pans.

545092 (80022) 3 oz. Tube **$5.95 F**



Permatex Form-A-Gasket® No. 2 Sealant

Slow-drying, non-hardening sealant designed for sealing cut gaskets and stamped parts. Allows for easy disassembly if required. Temperature range -65°F to 400°F; resists common shop fluids and fuels. Use where sealing is more important than adhesion. Suggested applications: Valve cover gaskets, oil pan gaskets.

545078 (80015) 1.5 oz. Tube **$3.95 F**



Permatex High Temperature Thread Sealant

OEM specified. Locks and seals threaded fittings. Resists leakage, vibration loosening, moisture, hydraulic fluids and diesel fuels. Lubricates threads for easy assembly and disassembly. Won't shred or wear like Teflon® tape. Parts may be repositioned up to 4 hours after application. Suggested applications: Head bolts into through holes, oil PSI sending units and sensors, oil and coolant lines, fuel fittings, rear axle fill plug, brake and power steering fittings.

545054 (59214) 6 ml Tube **$4.95 F**
545066 (59235) 50 ml Tube **$15.95 F**



Permatex High Strength Threadlocker - Red

OEM specified. High strength threadlocker for heavy-duty applications. Especially well-suited for permanently locking studs and press fits. Adds 3,000 PSI holding power on slip and press fit assemblies. Replaces set screws and snap rings. Locks against vibration loosening. Requires extra effort or special tools for removal.

545030 (27100) 6 ml tube **$7.95 F**



Permatex Medium Strength Threadlocker - Blue

OEM specified. All-purpose, medium strength threadlocker. Ideal for all nut and bolt applications 1/4" to 1" (6mm to 25mm). Eliminates need for stocking expensive lock nuts and lock washers. Locks and seals while preventing parts loosening due to vibration. Protects threads from corrosion. Removable with hand tools for easy disassembly.

545028 (24200) 6 ml tube **$7.95 F**



Permatex Aviation Form-A-Gasket® No. 3 Sealant

Slow-drying, non-hardening brush-top sealant approved for use in aviation as well as automotive applications. Temperature range -65°F to 400°F; resists gasoline, oil and grease.

545080 (80019) 4 oz. Bottle **$6.95 F**

Permatex Sealants



Permatex Ultra Blue® RTV Silicone Gasket Maker
Permatex Ultra silicones were developed to meet today's technology changes. Sensor-safe, low odor, noncorrosive. Outstanding oil resistance and joint movement values. Eight times more flexible than cork/composite gaskets; three times more oil resistant than conventional silicones. Temperature range -75° F to 500° F intermittent; resists auto and shop fluids and vibration. Suggested applications: Valve covers, oil pans, timing covers, transmission pans, differential covers.

545143 (81724) 3.35 oz. Tube **$7.95 F**



Permatex Ultra Copper® RTV Silicone Gasket Maker
For 4-cylinder, turbocharged or high-performance engines. The most advanced, high temperature RTV silicone gasket available. Sensor-safe, low odor, non-corrosive. Superior adhesion. Three times more oil resistant than conventional silicones; eight times more flexible than cut gaskets. Temperature range -75° F to 700° F intermittent; resists auto and shop fluids and vibration. Suggested applications: Exhaust manifolds headers, valve covers, oil pans, timing covers, water pumps, thermostat housings.

545155 (81878) 3 oz. Tube **$7.95 F**



Permatex Ultra Black® Gasket Maker
For dealership warranty requirements, ensures extended drivetrain warranty compliance. Fast-curing formula. Sensor-safe, low odor, noncorrosive. Meets performance specs of OE silicone gaskets. Retains high flexibility, oil resistance properties through use of patented adhesion system. Temperature range -75° F to 600° F intermittent; resists auto and shop fluids and vibration. Also available in Automatic Tube dispenser. Suggested applications: Valve covers, oil pans, intake manifold end seals, timing covers, transmission pans.

545167 (82180) 3.35 oz. Tube **$7.95 F**



Permatex Anaerobic Gasket Maker
Noncorrosive gasketing material designed primarily for use on aluminum, iron, and steel flanged mating surfaces. Ideal for on-the-spot and emergency repairs, or when a conventional gasket is unavailable. Fills gaps up to .015" and cures to a solvent-resistant seal that will not tear or decay during service. Parts disassemble easily even after extended service and old gasket material can be removed in minutes with a simple putty knife. Suggested applications: Water pumps, thermostat housings, transmission pans, transmission case covers, transaxle casings, o-ring replacement.

545042 (51813) 50 ml Tube **$17.95 F**

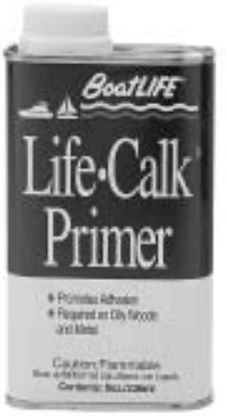
3M High Temp Gasket Silicone

3M High Temp Gasket Silicone
A rapid curing form-in-place gasket adhesive/sealant for engines. It is a flexible, noncorrosive, oxygen sensor safe compound designed to be used as a gasket material for valve covers, oil pans and other engine and transmission applications. Black.

856382 (08672) 3 oz. Tube **$11.95 H**



Solvents



Boat Life Life-Calk® Primer
Adds adhesive strength to Life-Calk Products. For use on oily woods such as teak. May be used to prime metal, glass and fiberglass. Fast dry formula permits priming and caulking same day. Sold each. Standard pack 12.

248585 (1059) 8 oz. **$19.95 H**



Boat Life Life-Calk® Solvent and Cleaner
Removes uncured Life-Calk from hands, tools and clothing. An excellent oil base paint thinner. Used as a degreaser for tools and equipment. It is a strong cleaning solvent – not recommended to clean up fiberglass or painted surfaces. Standard pack 12.

248573 (1056) Pint **$17.95 H**

3M



3M Scotch-Weld Solvent No. 2
Can be used for removing oil soluble or oil resistant adhesives, coatings or sealers.

856523 (21429) **$50.95 H**



Boat Life Release Adhesive and Sealant Remover
Ideal for removing cured silicone, polyurethane, and polysulfide. Removes tapes, labels, and decals from metal, fiberglass and wood. Use while caulking for a perfect finish. Check compatibility on small area on painted surfaces and plastics. Sold each.

248579 (1288) 16 oz. **$34.95 H**

Marpro Floatation Foam



Marpro Floatation Foam
A 1 to 1 mix liquid urethane foam with 2 or 4 pounds per cubic foot density which is not affected by solvents or gasoline. It bonds to wood, metal or fiberglass and foams wherever it is poured. provides extra flotation in boats and sound proofs and insulates hulls, walls, floors, seats, decks, or any cavity. Great for those otherwise inaccessible places. Can be used to mold anything. Do not use below 70°.

6-7560	2 Quart	2 lbs. Density	**$41.95 F**
6-7562	2 Gallon	2 lbs. Density	**$140.95 F**
6-7565	2 Quart	4 lbs. Density	**$41.95 F**
6-7566	2 Gallon	4 lbs. Density	**$140.95 F**

Corrosion Inhibitors



Corrosion X
It stops and prevents rust or corrosion and lubricates with unexcelled efficiency. It also penetrates quicker than products specifically designed for that purpose.

302953 (90101) 6 oz. **$10.95 G**
302954 (90102) 16 oz. **$20.95 G**



Corrosion X Heavy Duty
We've taken Corrosion X and added thickening agents to produce a high-performance, thick-film version for maximum protection against serious rust and corrosion. It's a soft-barrier coating without the unfavorable characteristics normally associated with those types of products.

302961 (90104) 12 oz. **$18.95 G**



Marpro Corrosion Inhibitor
Specially formulated anti-corrosion sealer . Featured capillary reaction, flows and penetrate into hard to reach areas. Ozone safe hydrocarbon product. Excellent sprayable anti-corrosion performance. Non-drying and easy to apply.

6-4050 12 oz. **$5.99 H**



CRC Marine Heavy Duty Corrosion Inhibitor
Forms a corrosion-proof insulating film. Film stays flexible – will not crack or craze. Seals out salt air and moisture. Provides long term protection under all weather conditions. Easily removed with CRC Cleaner and Degreaser.

290306 (06026) 12 oz. **$6.95 F**



T-9 Rust and Corrosion Protection Lubrication
Waterproof lubrication. Combination of solvents, lubricants and waxes designed for penetration, moisture displacement, lubrication and protection. Loosens rusty and corroded parts.

290700 (T90004) 4 oz. **$8.95 G**
290712 (T90012) 12 oz. **$15.95 G**

Lubricants

NEW ITEM



Marpro Multi-Purpose Lubricant
A high quality multipurpose, four-way lubricant. Penetrates, lubricates, protects, cleans, repels moisture, fights rust. Easy to apply.

6-4060 11 oz. **$5.99 H**



CRC Marine Formula 6-56
Starts wet engines. Loosens rusted parts and fights moisture. Protects against corrosion. Lubricates. Biodegradable. Keeps stored tools from rusting.

290089 (06005) 5 oz. **$3.95 F**
290091 (06006) 9 oz. **$4.95 F**
290104 (06007) 11 oz. **$4.95 F**
290117 (06008) Gallon **$27.95 F**

NEW ITEM



Marpro White Lithium Grease
A High Temperature premium grease Serves as an excellent gelling lubricant for most marine, industrial and automotive applications. Excellent elasticity and recovery for a wide range of operating temperatures. Superior water resistance.

6-4055 11 oz. **$5.99 H**



CRC Marine White Lithium Grease with Teflon
Heavy duty lubricant. Will not wash off, melt or freeze. Ideal metal to metal lubrication. Superior performance in any weather and temperature. Protects rigging, machinery, mechanical parts, tools. Break in lubrication for bearings, pistons, cams, etc.

290344 (06037) 13 oz. **$3.95 F**



CRC Marine Silicone
Heavy duty formula. Won't wash off. Use on anything that squeaks or sticks. Waterproofs canvas. Eases off/on application of canvas fasteners, snaps and zippers. Resists cold and heat. Effective from -40° F to +400° F. Contains no CFC's. Non-staining.

290457 (06077) 7.5 oz. **$3.95 F**



CRC Spray Applicator and Trigger
Disposable plastic spray applicator. Non-pressurized.

290522 (14021) 24 oz. **$4.95 F**

Lubricants



Penray Open Gear Lube
Fortified with a finely dispersed Moly Sulfide in addition to a petroleum based extreme pressure lubricant. Ideal for use on all open gears. Resists temperature extremes. Reduces friction from metal-to-metal contact. Also applicable for cutting bars, winches, rollers and presses.

604324 (7003) 11 oz. **$9.95 G**



Penray Penetrant and Lubricant
Chemprime removes rust and rust stains from cement, wood, porcelain, fiberglass, glass, painted surfaces, tile and linoleum; also treats steel, galvanize and cement for paint.

604315 (4516) 11 oz. **$5.95 G**



Star Brite Snap and Zipper Lubricant with PTEF®
Use on boat snaps, metal and plastic zippers to protect against corrosion, reduce wear and friction, prevent binding and repel salt spray deposits. Non-toxic, non-staining. Will not wash off. Protects from -65° F to +650° F. Sold each. Standard pack 12.

627173 (89102) 2 oz. Tube **$6.95 F**



Star Brite Marine Formula White PTEF® Lubricant
Special PTEF formula will not wash off. Protects from -65° F to +650° F. Reduces wear and friction. The ultimate lubricant – exceeds performance of normal grease. Non-toxic, non-staining. Great on zippers, winches, etc. Sold each. Standard pack 12.

627161 (85504) 4 oz. Containers **$9.95 F**



Permatex Anti-Seize Lubricant
A highly refined blend of aluminum, copper and graphite lubricants. Use during assembly to prevent galling, corrosion and seizing and to assure easier disassembly. Temperature range: -60° F to 1600° F. Salt, corrosion and moisture resistant - ideal for marine use.

545105 (80078) 8 oz. Brush-Top Bottle **$11.95 F**
545131 (81343) 1 oz. Carded Tube **$3.95 F**

Electrical Cleaners



CRC Marine Battery Cleaner
Neutralizes acid spills. Cleans terminals, cables, cases, connectors, hold-downs, carriers. Help prevent corrosion. Assures maximum battery current and promotes longer life.

290433 (06023) 11 fl. oz. **$2.95 F**



CRC Marine QD™ Electronic Cleaner
Instantly removes oil, grease, dirt, flux and other contaminants. Helps prevent contact failure or malfunction. Evaporates quickly, leaves no residue.

290255 (06102) 11 fl. oz. **$4.95 F**



CRC Marine Battery Terminal Protector
Prolongs battery life. Lead-free protective coating prevents battery terminal corrosion. Assures easier starting. Use to protect hold-downs, bolts, brackets and terminals.

290445 (06046) 7.5 fl. oz. **$4.95 F**



Penray Electric Motor Cleaner
Safe, non-flammable cleaning agent for electrical system parts. Evaporation is quick, leaving no residue. Extension tube is included for more exaction spray pattern.

604327 (7014) 19 fl. oz. **$4.95 G**

Carb and Choke Cleaners

NEW ITEM



Marpro Carb and Choke Cleaner
Sprays away varnish and gum. Cleans chokes. Cleans PCV valves. Smooths out the idle and frees sticking parts.

6-4070 12 fl. oz. **$5.99 H**



CRC Marine Carb and Choke Cleaner
Cleans fast. Cleans carburetors, automatic chokes, heat risers and PCV valves. Removes gum, carbon and varnish deposits. Oxygen sensor safe. Improves fuel system performance. Helps maximize fuel economy.

289353 (06064) 12 fl. oz. **$3.95 F**



Permatex Motor Muscle® Carb and Choke Cleaner
Super jet spray quickly cuts and removes grease, gum and varnish. OEM certified. Oxygen sensor-safe. Improves performance. Level 3. Suggested applications: Manual and automatic chokes, baffle plates and carburator linkages.

545117 (80079) 12 fl. oz. **$6.95 F**

Cleaners



Valvtect Marine Motor Tune-Up
Provides quick, complete cleanup of carbon deposits, varnish and gum that reduce engine power performance, fuel economy and cause powerhead failure. 13 fl. oz. aerosol can. Sold each.

675807 (MMT-S-U-13) **$5.95 F 12G 24H**



Penray Starting Fluid
"Trigger-fast" starts for diesel and gasoline engines at low temperatures and under humid weather conditions. Effective at 65° below zero. Prolongs battery and starter life. Professional strength. Extremely flammable – use with caution. Spray.

483141 (5315) 10.1 fl. oz. **$3.95 G**



Penray Non-Chlorinated Brake Cleaner
Quickly and effectively dissolves and removes grease, oil, brake fluid, and other contaminants from brakes, C.V. joints, and clutch components.

604320 (4620) 14 fl. oz. **$3.95 G**

Engine Cleaner and Degreaser

NEW ITEM



Marpro Engine Degreaser
A blend of grease-cutting solvents that dislodge oils, lubricants and mineral grease from metal surfaces quickly and efficiently . Provides deep down scrubbing power. Clings to most vertical surfaces. Leaves no residue. Non-flammable and nonconductive.

6-4075 19 fl. oz. **$5.99 H**



Spray Nine Marine Grez-Off
Heavy-Duty Biodegradable Formula - Quickly and completely cuts through oil, grease and grime. Ideal for: outboards, inboards, I/O's, asphalt drives, dock and mooring, equipment and more. Great bilge cleaner too!

437079 (30232) 32 fl. oz. **$8.95 H**



CRC Marine Cleaner and Degreaser
Dissolves and flushes away dirt, oil and grease. Cleans marine engines and electrical equipment. Leaves no residue. Nonflammable and noncorrosive. Apply by spray, brush or dip. Sold each.

290243 (06019) 19 fl. oz. **$6.95 F**

Gas Additives



Star brite

Star Brite
Ez-To-Store Gas Storage Stabilizer

For inboard and outboard gasoline engines. Protects gas and engine components during storage. Prevents corrosion of fuel tank and fuel delivery system. Concentrated formula - 1 oz. treats 5 gallons.

460880 (84308) 8 fl. oz.	Treats 40 Gallons	**$7.95 F**
460882 (84316) 16 fl. oz.	Treats 80 Gallons	**$10.95 F**
460884 (84332) 32 fl. oz.	Treats 160 Gallons	**$17.95 F**



MDR Stor-N-Start Gas Stabilizer

Contains a powerful anti-oxidant, degummers, inhibitors and metal deactivators. Keeps gasoline and diesel fuel refinery-fresh. Contains NO alcohol or methanol. Also helps prevent octane loss during storage.

460797 (MDR-549) 4 fl. oz.	Treats 20 Gallons	**$8.95 H**
460799 (MDR-550) 8 fl. oz.	Treats 40 Gallons	**$12.95 H**
460801 (MDR-551) 16 fl. oz.	Treats 80 Gallons	**$18.95 H**
460803 (MDR-552) 32 fl. oz.	Treats 160 Gallons	**$28.95 H**
460805 (MDR-553) Gallon	Treats 640 Gallons	**$87.95 H**



Star brite

Star Brite Star Tron Gas Additive

Reduces all emissions. Prevents fuel oxidation and stabilizes fuel chemistry for at least 1 year. Lowers fuel system maintenance. Eliminates carbon build-up in fuel delivery system and on exhaust components. Increases fuel economy up to 15%.

675848 (93008) 8 fl. oz.	Treats 125 Gallons	**$8.95 F**
675849 (93016) 16 fl. oz.	Treats 250 Gallons	**$14.95 F**
675851 (93032) 32 fl. oz.	Treats 500 Gallons	**$23.95 F**
675847 (93625) Star Tron Counter Top Display - Gas Only		**$227.95 F**

CRC



CRC Marine Fuel Stabilizer - Gas

Concentrated formula solves engine problems. Prevents gum and varnish build-up. Safely cleans carburetors, fuel injectors, intake valves, ports, fuel lines, manifold. Disperses moisture. Helps prevent corrosion.

289303 (06161) 8 fl. oz.	Treats 40 Gallons	**$4.95 F**
289315 (06162) 16 fl. oz.	Treats 80 Gallons	**$5.95 F**
289327 (06163) 32 fl. oz.	Treats 160 Gallons	**$8.95 F**
289339 (06164) Gallon	Treats 640 Gallons	**$27.95 F**

CRC



CRC Gas Additive for Gas Tanks

Removes water from gasoline. Cleans and protects fuel system. Prevents fuel line freezing. Inhibits corrosion. Assures faster starting and quicker pickup. Sold each. Standard pack 12.

290546 (05343) 12 fl. oz. **$3.95 F**



Marykate Fuel Stabilizer - Gas

Increases power output, improves fuel economy, improves octane of diesel fuel. Stabilizes fuel up to 8 months. Reduces octane requirement, combustion deposits, hydrocarbon emissions, knock and ping, valve seat wear. Reduces diesel smoke and particulates up to 40%. Treats 120 gallon gas and 75 gallon diesel.

216445 (4908) 8 fl. oz. **$10.95 F**

Gas Additives



Star Brite Fuel Tank Cleaner
Exceptional in cleaning sludge and algae from gasoline and diesel tanks. Slows the recurrence of new algae that can contaminate fuel.

675852 (93664) 64 fl. oz. **$26.95 F**



Star Brite Gasoline Water Absorber
Removes free water from gasoline and allows it to be safely burned away. Prevents corrosion of fuel delivery system. Protects carburetor jets and fuel injectors from pitting. 16 fl. oz. treats up to 250 gallons of gas. Sold each. Standard pack 12.

460977 (84516) 16 fl. oz. **$12.95 F**

Star Brite Star Tron Displays



NEW ITEM

Star Brite Star Tron Counter Top Display
Contains: (18) 675848 (93008) Star Tron Gas Additive and (6) 675846 (93108) Star Tron Diesel Additive.

431321 (93624) **$239.95 F**

Contains: (24) 675846 (93108) Star Tron Diesel Additive.

431322 (93626) **$277.95 F**



NEW ITEM

Star Brite
Star Tron Small Display - Gas Only
Contains: (24) 675848 (93008) Star Tron Gas Additive and (12) 675849 (93016) Star Tron Gas Additive.

431326 (93637) **$403.95 F**

NEW ITEM

Star Brite Star Tron Floor Display
Contains: (18) 675848 (93008) Star Tron Gas Additive, (8) 675849 (93016) Star Tron Gas Additive, (6) 675846 (93108) Star Tron Diesel Additive and (4) 675850 (93116) Star Tron Diesel Additive.

431324 (93636) **$428.95 F**

Contains: (24) 675848 (93008) Star Tron Gas Additive, (12) 675849 (93016) Star Tron Gas Additive, (24) 675846 (93108) Star Tron Diesel Additive, (12) 675850 (93116) Star Tron Diesel Additive and (6) 675852 (93664) Fuel Tank Cleaner.

431323 (93699) **$1,057.95 F**



Diesel Additives



Star brite

Star Brite
Ez to Store Diesel Storage Stabilizer

Ez to Store Ez to Start diesel additive/stabilizer protects fuel and engine components during storage. Eliminates need to fog engine, prevents corrosion of fuel tank and fuel delivery system, stops formation of gum and sludge, insures quick starts after storage. Most advanced formula available. Use 1 ounce to treat 10 gallons.

460892 (84408) 8 fl. oz.	Treats 80 Gallons	**$7.95 F**
460894 (84416) 16 fl. oz.	Treats 160 Gallons	**$10.94 F**
460896 (84432) 32 fl. oz.	Treats 320 Gallons	**$17.95 F**



Star brite

NEW Size

Star Brite Star Tron Diesel Additive

Eliminates algae and fungal growth without the use of posions. Reduces all emissions, including carcinogenic, particulate smoke. Prevents fuel oxidation and stabilizes fuel chemistry for at least 2 year. Lowers fuel system maintenance. Eliminates carbon build-up from burners, injectors and exhaust components. Increases fuel economy up to 15%.

675846 (93108) 8 fl. oz.	Treats 256 Gallons	**$11.95 F**
675850 (93116) 16 fl. oz.	Treats 512 Gallons	**$17.95 F**
675863 (93132) 32 fl. oz.	Treats 1,024 Gallons	**$32.95 F**
675861 (93100) Gallon	Treats 4,096 Gallons	**$127.95 F**



Star brite

Star Brite Bio-Diesel

Prevents microbial growth. Kills existing bacteria, algae and fungus. Stops corrosion caused by microorganisms. Prevents plugging of filters due to organic growth. 1 fl. oz. treats 60 gallons of diesel fuel. Works up to 10 times faster than other diesel fuel biocides. Treats 480 gallons.

675845 (91216) 16 fl. oz. **$16.95 F**



RACOR

Racor Powershot
Diesel Fuel Conditioner

Recommended for use in all engine applications using #1 or #2 diesel fuels. One 11 ounce bottle treats up to 30 gallons of diesel fuel.

315312 (ADT1111) 11 fl. oz. **$9.45 G**



MDR Stor-N-Start Diesel Stabilizer

STOR-N-START stabilizer contains a powerful anti-oxidant, degummers, inhibitors and metal deactivators. Keeps gasoline and diesel fuel refinery-fresh. Contains NO alcohol or methanol. Also helps prevent octane loss during storage.

460810 (MDR-565) 8 fl. oz.	Treats 96 Gallons	**$12.95 H**
460812 (MDR-561) 16 fl. oz.	Treats 192 Gallons	**$18.95 H**
460817 (MDR-554) 32 fl. oz.	Treats 384 Gallons	**$30.95 H**



CRC

CRC Marine Fuel Stabilizer - Diesel

A concentrated, high-potency formula that keeps stored gas fresh for easy start-up next season and optimum performance year round. Protects against gum and resin build-up. Protects internal engine components and fuel system from corrosion.

289416 (06171) 12 fl. oz.	Treats 80 Gallons	**$4.95 F**
289428 (06172) 16 fl. oz.	Treats 160 Gallons	**$5.95 F**



RACOR

Racor Diesel Biocide

It is a multifunctional petroleum distillate fuel additive. It is used to help maintain color stability and clarity; control bacteria, fungi, organic reaction and sludge formation; inhibit against corrosion; and disperse existent sludge.

315300 (ADT2116) 16 fl. oz. **$24.85 G**



RACOR

Racor Powershot
Diesel Gasoline Conditioner

It can be used in all types or internal combustion systems and gasoline blends. One 11 ounce bottle treats up to 15 gallons of diesel fuel.

315324 (ADT5111) 11 fl. oz. **$7.50 G**

Diesel Additives

Penray Fuel-Prep 1000 Diesel Fuel Conditioner

Combats sludge formation and disperses existing sludge in fuel tanks, while controlling bacterial and fungal growth. Also conditions less stable diesel fuels. They burn cleaner and more completely, for better smoke emissions and improved injector spray patterns. Reduces accumulation of unburned carbon particles, so engines stay cleaner. Regular use of this conditioner also reduces lube oil dilution and contamination. **Note:** One pint of Fuel-Prep 1000 treats 125 gallons. One gallon of Fuel-Prep 1000 treats 1,000 gallons.

603919 (100016) 16 fl. oz. **$3.95 G**
603921 (100005) 5 Gallon **$151.95 G**

Penray Fuel-Prep 2012 Diesel Fuel Conditioner

It is a highly concentrated version of Fuel-Prep 1000. It's ideal for applications where large quantities of fuel must be stored and utilized. **Note:** One gallon of Fuel-Prep 2012 treats 12,500 - 25,000 gallons.

604226 (20121) 1 Gallon **$60.95 G**
604238 (20125) 5 Gallon **$317.95 G**



PENRAY

Special Handling May Apply

Fogging Oil



marPRO NEW ITEM

Marpro Fogging Oil

Internal and external rust protection. Ideal for seasonal motor storage.

6-4065 12 fl. oz. **$5.99 H**



Star brite NUMBER ONE IN MARINE CARE PRODUCTS NEW ITEM

Star Brite Fogging Oil

Spray formula coats all interior engine surfaces with a heavy duty polymer coating that prevents corrosion during winter storage. Special formula makes starting the engine after storage quick and easy.

460888 (84812) 12 fl. oz. **$6.95 F**
460889 (84800) Gallon **$37.95 F**



MDR Crankcase Stor-N-Start

Winterizing motor oil additive protects against rust on pistons, rings and lower cylinder walls during winter storage. During storage, motor oil eventually drains off cylinder walls, pistons, rings, bearings, and all other internal metal engine parts, exposing them to corrosion. Crankcase Stor-N-Start forms a protective shield on all internal parts, preventing rusting during storage.

460820 (MDR-600) 8 fl. oz. **$13.95 H**

CRC



CRC Marine Engine Stor Fogging Fluid

As fogging fluid, it protects outboard motors, marine engines and internal combustion engines, insures longer life. As long tem metal protectant, it keeps pistons, rings and cylinder walls corrosion free. Also protects electrical connections in use/storage.

289175 (06068) 13 fl. oz. **$4.95 F**
289151 (06072) 13 fl. oz. - For OMC Motors **$5.95 F**
289187 (06069) Gallon **$27.95 F**
289199 (06070) 5 Gallon **$180.95 F**

Star brite NUMBER ONE IN MARINE CARE PRODUCTS NEW ITEM



Star Brite Ez-To-Store Crankcase

Stabilizes oil chemistry during storage - prevents oxidation and formation of resins and varnish. Protects cylinder walls, connecting rods, crankshaft and other internal metal engine components from rust and corrosion. 8 fl. oz. treats 5 U.S. quarts of oil

460886 (84708) 8 fl. oz. **$10.95 F**

Penray Cooling System Treatments and Cleaners



Special Handling May Apply

Pencool 2000 Cooling System Treatment with Corrosion Inhibitor

It is a patented liquid formula to keep diesel engines running cleaner. This easy-to-use product reduces scaling and corrosion and acts as a lubricant in the cooling system. Controls formation of harmful scale deposits, reduces metal corrosion and cavitation erosion, and lubricates the water pump and other metal surfaces. Eliminates messy filters.

603933	(200016) 16 fl. oz.	**$5.95 G**
603945	(200064) 1/2 Gallon	**$16.95 G**
604214	(200005) 5 Gallon	**$90.95 G**
604228	(200055) 55 Gallon	**$877.95 G**



Special Handling May Apply

Pencool 3000 with Stabil-Aid Cooling System Treatment with Corrosion Inhibitor and Coolant Stabilizer

It is an advanced cooling system treatment that helps prevent the formation of gel deposits in cooling systems. Blocks the formation of this gel, conditions cooling system water and protects all cooling system metal components from corrosive attack. Maintain proper cooling system heat transfer characteristics and long engine life.

604252	(300016) 16 fl. oz.	**$7.95 G**
604264	(300064) 1/2 Gallon	**$27.95 G**
604276	(300005) 5 Gallon	**$172.95 G**
604288	(300055) 55 Gallon	**$1,476.95 G**



Special Handling May Apply

Penray 2001 On-Line Cooling System Cleaner

Cleans diesel engine cooling systems - while they remain in service. This liquid product is an excellent alternative to in-shop cleaning for engines having only light scale and limited corrosion product formation. Ideal for periodic on-the-road cleaning, as it removes harmful mineral scale and oxide deposits. **Note:** 1/2 gallon of 2001 Cleaner treats 8 gallons.

603957	(200164) 1/2 Gallon	**$19.95 G**



Penray 2015 Twin Pac Off-Line Cooling System Cleaner and Conditioner

The Penray 2015 Twin Pac combines 2010 Cleaner with 2011 Conditioner for heavy duty cooling system treatment. 2010 removes harmful scale and sludge deposits from the entire cooling system. It also removes corrosion deposits, green slime and oil deposits. 2011 flushes the cooling system of loosened deposits, removes any accumulated oil and conditions the metal surfaces. Kit includes (1) 8 lb. bottle of 2010 Cleaner and 2011 Conditioner.

603983	(201549)	**$153.95 G**



Penray Coolant Test Strips

This system provides a quick and easy way of testing your heavy duty coolant system. Test strips provide a hassle free, more precise way to determine the freeze and nitrite levels contained in your cooling system. Penray recommends the use of 2-Way test strips to evaluate nitrite containing coolants.

603959	(TS100) 50 Strips per Bottle	**$32.95 G**

Rust Removers



Rust Free Rust and Stain Remover
Removes rust from any surface: Steel, cast iron, stainless, fiberglass, chrome, tile, porcelain, concrete, vinyl and cloth.

290736 (RF0008) 8 fl. oz. **$11.95 G**



Snee Endall-Rust Converter
Surface protector converts rust to a non-corrosive material and forms a highly protective coating. Reduces the need for sandblasting. Non-acid.

437035 (02EAR) Gallon **$71.95 E**





Sierra Anti Seize Lubricant 767
Use on mechanical joints and external moving parts. Dresses exhaust gaskets. Coats and protects metal parts, lubricates threads, gears, chains, cables and rollers. Fortified with graphite and metallic flake.

189018 (18-9018) 1 lb. - Gray **$31.83 H**





Special Handling May Apply

OSPHO Rust and Stain Remover
Stops rust and prepares rusted surfaces for painting. When applied to rusted surfaces Ospho causes rust to chemically change to iron osphate, an inert hard substance that turns the metal black.

437036 Quart **$16.95 F 12H**
437037 Gallon **$37.95 F 4H**





Chemprime Rust Remover
Chemprime removes rust and rust stains from cement, wood, porcelain, fiberglass, glass, painted surfaces, tile and linoleum; also treats steel, galvanize and cement for paint.

200035 (CP1) Gallon **$13.95 E**



Snee Rust Inhibitor Concentrate Phosphatizer
A blend of acids and detergents that neutralizes rust and forms a phosphatized surface that inhibits the reformation of new rust and scales and prepares metal for painting. This rust solvent can be used as a preventative corrosion inhibitor.

437011 (DC-550) **$24.95 E**

Engine Oil



Star Brite Super Premium 2 Cycle Engine Oil TC-W3

Meets or exceeds manufacturers' specifications. NMMA approved-meets or exceeds their stringent TC-W3 requirements. Exceeds performance specifications for FICHT, Optimax and HPDI engines. Contains PIB viscosity modifier to greatly improve lubricity and to reduce smoking. High-detergent formula removes deposits from fuel delivery system. Ashless formula minimizes piston ring sticking and protects against preignition problems. Environmentally friendly, reduces emissions. Engineered for operation under extreme conditions. For use in oil injection, 2 cycle and pre-mix engines

452158	(19232) 32 fl. oz.	12 Per Case	**$66.95 F**
452161	(19200) Gallon	6 Per Case	**$118.95 F**
452172	(19225) 2.5 Gallons	2 Per Case	**$93.95 F**



Star Brite Premium 2 Cycle Engine Oil TC-W3

Meets or exceeds manufacturer's specifications. Ashless formula provides superior protection. Environmentally friendly, clean burning fuel that reduces emissions. Engineered for operation under extreme conditions. For use in oil injection, 2 cycle and pre-mix engines.

452185	(19016) 16 fl. oz.	12 Per Case	**$41.95 F**
452190	(19032) 32 fl. oz.	12 Per Case	**$63.95 F**
452196	(19000) Gallon	6 Per Case	**$113.95 F**
452200	(19025) 2.5 Gallons	2 Per Case	**$89.95 F**

Star Brite Premium TC-W3 Oil Display

Display includes: (12) **452196** Gallon and (30) **452190** 32 fl. oz.

431320 (19299) **$418.95 F**



RACOR

Racor 15W-40 Synthetic Oil

It is crafted with the highest quality synthetic base stocks and additive systems which provide superior file strength and oxidation resistance as well as exceptional soot and deposit control.

315336 (ADT9332) Quart **$12.85 G**

Star Brite Pro Star Super Premium Synthetic Blend 4 Stroke Outboard Oil

NEW ITEM



Designed for 4 stroke high-performance outboards, gasoline inboards and stern drives. One of the first, to be certified under NMMA's new FC-W category. Meets or exceeds all criteria for viscosity, filter plugging, foaming and aeration. Exceeds OEM requirements - will not void engine warranty. Synthetic/organic blend assures excellent low-temperature properties for quicker starts. Provides maximum protection in severe, high rpm applications.

189422	(28132) Quart	**$5.95 F**
189423	(28100) Gallon	**$19.95 F**



Oil to gas measuring device for 2-cycle engines.

Future Enterprises Motor Mate

Oil to gas measuring device for 2-cycle engines. Includes oil – gas mixture ratios: 100-1, 50-1, 24-1 and 10-1. All measurements shown are in gallons and liters.

452300 (Motor Mate) **$4.50 H**

Evinrude/Johnson XD100 Oil

NEW ITEM



A premium synthetic formulation that delivers ultimate performance in direct injection and oil injection outboards. Even better, Evinrude E-TEC engine owners can cut their oil usage in half – just by having an authorized Evinrude/Johnson dealer reprogram their outboard to use XD100 oil.

514110 (XD100) **$51.00 A**

briter INNOVATIONS

Briter Engine Check Up

By analyzing one drop of oil, you can determine the type and degree of contamination present in your engine. Enable you to schedule maintenance exactly when it is needed. Contents: Six complete tests. Each test will fully analyze the range of comtaminants in your engine, including: Dirt/Grime, Carbon/Oxide, Water, Glycol and Fuel.

350025 Test Strips **$23.95 E**

Bearing Grease



Aqua Lube Wheel Bearing and Chassis Grease
High demand lubricant will not melt at temperatures exceeding 800° F. It will not pound out and is completely waterproof, even against salt water.

299001 (AL0035) 5 Gallon Pail		**$204.95 H**
299010 (AL1450) 14.5 oz. Cartridge		**$7.95 H 10K**
299014 (AL1624) 16 oz. Tub		**$10.95 H 12K**
299012 (AL3336) 3 Pack of 3 oz. Cartridge		**$9.95 H 12K**



Star Brite Wheel Bearing Grease
Superior rust and corrosion protection from salt water, salt air and atmospheric chemicals. Special water-insoluble formula is highly resistant to wash-out. Recommended for corrosive marine applicationstrailer wheel bearings, water pumps, hinges, pins, winches and anchor chain reels.

451725 (26003) 3 oz. Cartridge	2 Pack	**$7.95 F**
451726 (26014) 14 oz. Cartridge		**$4.95 F**
451738 (26016) 1 lb. Tub		**$5.95 F**

Sierra Premium Marine Bearing Grease
Lubricates and protects marine equipment. Premium lithium formulation for optimum corrosion protection in freshwater and saltwater applications. Ideal for marine trailer wheel bearing, universal joints, steering system cables and outdrive pivot joints. Strong surface adhesion, advanced corrosion inhibitors and metal deactivators work together to battle component degradation and oxidation during storage or use in destructive marine environments.

451524 (18-9700-4) 3 oz. Cartridge	4 Pack	**$14.95 H**
451714 (18-9710-0) 10 oz. Tube		**$7.14 F**

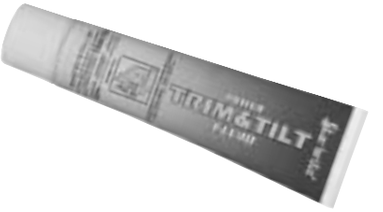


Power Trim and Tilt Fluid



Sierra Power Trim and Tilt Fluid
Formulated for high operating pressure. Anti-foam additives assures uniform flow with reduced air contamination in hydraulic systems. Designed for heavy duty use at high operating pressures in applications subject to varied temperature ranges. Provides proper lubrication and corrosion protection for internal hydraulic components.

189750 (18-9750-0) 10 oz. Tube **$6.82 F**



Star Brite Power Trim and Tilt Fluid
Formulated for high operating pressure. Anti-foam additives assures uniform flow with reduced air contamination in hydraulic systems. Provides proper lubrication and corrosion protection for internal hydraulic components.

451910 (28510) 10 oz. Tube **$4.95 F**

Gear Lube



Sierra Premium
Lower Unit Gear Lube

Recommended for all general marine applications requiring a GL-4 class lubricant. Ideal for replacing all old hypoid 90 application needs. Formulated for use in freshwater or saltwater conditions and all standard marine applications. Reduces friction and protects gears, bearings and other gearcase components.

189600 (18-9600-0) 10 oz. Tube **$5.55 F**
189602 (18-9600-2) Quart **$8.04 F**
189605 (18-9600-5) 5 Gallon **$121.03 F**



Sierra

Sierra Type C Gear Lube

Formulated for older model outboards and I/O's equipped with electric shift. Reduces friction & protects gears, bearings & other gearcase components.

451841 (18-9620-0) 10 oz. Tube **$6.13 F**
189622 (18-9620-2) Quart **$8.01 F**
189625 (18-9620-5) 5 Gallon **$131.13 F**



Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

Star Brite Premium
Type C Lower Unit Gear Lube

Recommended for electric shift gear cases used on Johnson and Evinrude outboards (1962 - 1972), OMC sterndrives (1977 and earlier) and other Type C applications. Meets or exceeds OEM requirements. Will not void manufacturers' warranty

451891 (27332) Quart **$5.95 F**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS



Star Brite Synthetic
Lower Unit Gear Lube - 80W90

For API GL-5, MT-1 service. Special extreme pressure and anti-wear additives. Recommended for all engines over 100 hp. Protects against rust and corrosion. Superior thermal stability. Protection over a wide temperature range. High performance to meet the needs of high powered marine engines. Meets or exceeds OEM requirements-will not void manufacturers' warranty. Recommended for use in Mercury, Mercruiser, Johnson, Evinrude, OMC, Force, Mariner, Nissan, Suzuki, Yamaha and Volvo.

451776 (27232) Quart **$9.95 F**

Sierra Hi-Performance
Synthetic Blend Lower Unit Gear Lube

Synthetic blended marine formulation reduces operating friction for increased performance and protection of gears, bearings and other gear case components. Recommended for use in high performance and high load operating conditions in both outboard and I/O lower unit. Designed to surpass the performance of the O.E. Hi-Performance gear lubricants.

451879 (18-9650-2) Quart **$13.02 F**
189651 (18-9650-5) 5 Gallon **$175.80 F**



Sierra



Sierra Synthetic Gear Lube

Specifically formulated to optimize gear life by reducing friction and providing superior wear protection in severe operating conditions. The unique synthetic formulation is shear stable and resists oxidation to ensure high performance over a wide range of ambient operating temperatures. Replaces Volvo Synthetic.

189680 (18-9680-5) 5 Gallon **$172.95 H**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS



Star Brite High Viscosity
Lower Unit Gear Lube - 80W90

For API MT-1, GL-5, MIL-L-2105D service. Recommended for use in Mercury, Mercruiser, Johnson, Evinrude, OMC, Force, Mariner, Nissan, Suzuki, Yamaha and Volvo. Will not void manufacturers' warranties. For lower units of all outboard motors and stern drives.

451803 (27010) 10 oz. Tube **$4.95 F**
451815 (27032) Quart **$5.95 F**

Star brite
NUMBER ONE IN MARINE CARE PRODUCTS



Star Brite Hypoid
90W Lower Unit Gear Lube

For API MT-1, GL-5, MIL-L-2105D service. For outboards and stern drives with mechanical shift mechanisms. Formulated with special anti-wear additives, rust and corrosion inhibitors. Will not void manufacturers's warranties. The ultimate lubrication for maximum performance and economy.

451906 (27110) 10 oz. Tube **$4.95 F**
451905 (27132) Quart **$5.95 F**
451904 (27105) 5 Gallon **$46.95 F**

Lubricant Accessories



Star Brite Grease Gun
Heavy duty all steel construction for dependable, long service life. Sold each.

451500 (28703) For use with 3 oz. Cartridges **$24.95 F**
451598 (28714) For use with 14 oz. Cartridges **$15.95 F**



Sierra Jiffy Luber
Ideal for quick and easy lube jobs using squeeze tubes. Compact size, perfect for under seat and tackle box storage. Quick squeeze tube grease gun. Use with all 10 oz. gear lube tubes. Sold each.

451574 (18-9785) **$20.95 F**



Moeller Flex Funnel - 18"
Made from a tough, high-density polypropylene. Great for gas/oil mix 2-cycle engines need. Stabilizing handle on all standard funnels conveniently allows for smooth steady pouring.

237507 (003603) **$6.95 H**



Attwood Filter Funnel
Red. Non-splashing. Lightweight floating polyethylene plastic construction. 32 oz. capacity. Fine mesh screen filters out most foreign matter. Sold each. Standard pack 6.

237506 (8888-1) **$8.95 H 6K**



Marpac Oil Drain Plugs
Keep the oil in and the water out with Marpac oil drain plugs. Includes with plugs, gasket and O-ring. Sold 5 packages per box.

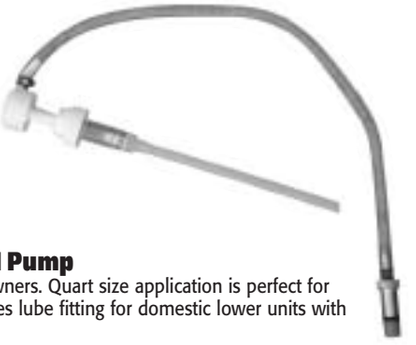
7-5999 Plug Gasket - Mercury Lower Unit **$3.99 L**
7-6000 Magnetic Drain Plug - Mercury Lower Unit **$9.95 L**
7-6005 Magnetic Drain Plug - Yamaha Lower Unit **$19.95 L**
7-6006 Plug Gasket - Yamaha Lower Unit **$3.29 L**
7-6011 O-Ring - Volvo Lower Unit **$3.29 L**
7-6012 Plug Gasket - Volvo Lower Unit **$3.99 L**
7-6017 Plug Gasket - OMC Lower Unit **$3.99 L**

NEW ITEM



Marpac Universal Hand Pump
Self-priming design, great for pumping oil, water and other fluids. Siphons tank contents for quick and easy removal of large liquid quantities. Small size stores practically anywhere, such as tackle boxes. Not for use with gasoline or diesel.

7-2232 **$18.95 H**



Star Brite Quart Oil Pump
Ideal for "do-it-yourself" owners. Quart size application is perfect for most marine drives. Includes lube fitting for domestic lower units with flexible fill line.

451966 (27400) **$9.95 F**
189794 Adapter for Honda/Yamaha/Nissan/Tohatsu **$3.95 F**
451497 (28402) Adapter Fitting for Suzuki and Honda **$3.95 F**



Racor Filter Funnel - 5 GPM
Heavy duty, fast-flow, filter-in-a-funnel that separates damaging free water and contaminants from gasoline, diesel, heating oil and kerosene.

314861 (RFF8C) **$46.65 G**

Marpro Modified Epoxies



Marpro Superkote Gold - 67% Hard with SCX - Slime Control Xtra

Superkote Gold is the highest performance modified epoxy hard finish on the market today. In addition our performance booster SCX (Slime Control Xtra) provides outstanding protection against slime, grass and weed. Continual release of biocide makes this hard modified epoxy most effective for antifouling protection, with only minimal paint buildup. Tough, full season paint for superior protection against hard and soft growth in extreme foulding conditions.

7-2609	Blue	Gallon	**$166.95 D**
7-2610	Blue	Quart	**$55.95 D**
7-2611	Red	Gallon	**$166.95 D**
7-2612	Red	Quart	**$55.95 D**
7-2613	Black	Gallon	**$166.95 D**
7-2614	Black	Quart	**$55.95 D**
7-2615	Green	Gallon	**$166.95 D**



Marpro Superkote Hard 45 - 45% Hard

Superkote Hard 45 has a high cuprous oxide content (45%) with a coating that provides a modified epoxy hard finish. This coating will provide full season protection for moderate fouling conditions. Perfect for powerboats and sailboats in seasonal boating conditions. Can be applied directly over properly prepared vinyls, epoxies and most any other hard or multi-season bottom paints.

7-2617	Green	Gallon	**$80.95 D**
7-2618	Green	Quart	**$27.95 D**
7-2619	Blue	Gallon	**$80.95 D**
7-2620	Blue	Quart	**$27.95 D**
7-2621	Red	Gallon	**$80.95 D**
7-2622	Red	Quart	**$27.95 D**
7-2623	Black	Gallon	**$80.95 D**
7-2624	Black	Quart	**$27.95 D**



Marpro Superkote Antifouling

Hard modified epoxy. Up to 65% cuprous oxide. Apply over most other antifoulings. Excellent for fiberglass, wood and steel. Sold per gallon.

7-1070	Blue	**$144.95 D**
7-1071	Red	**$144.95 D**
7-1072	Black	**$144.95 D**

Marpro Ablative Antifouling

Marpro Super-B Gold -
67% Ablative with SCX - Slime Control Xtra

Super-B Gold is the highest performance ablative copolymer performance products on the market today. In addition our performance booster SCX (Slime Control Xtra) provides outstanding protection against slime, grass and weed. Continual release of biocide makes this self-polishing copolymer most effective for antifouling protection, with only minimal paint buildup. Tough, multi-season paint for superior protection against hard and soft growth in extreme foulding conditions and can be re-launched after extended haul-out while retaining original antifouling properties.

7-2627	Green	Gallon	**$166.95 D**
7-2628	Green	Quart	**$55.95 D**
7-2629	Blue	Gallon	**$166.95 D**
7-2630	Blue	Quart	**$55.95 D**
7-2631	Red	Gallon	**$166.95 D**
7-2632	Red	Quart	**$55.95 D**
7-2633	Black	Gallon	**$166.95 D**
7-2634	Black	Quart	**$55.95 D**



Marpro Super-B Ablative 45

Super-B Ablative 45 has a high cuprous oxide content (45%) with a coating that provides a self-polishing ablative technology. This coating will provide full season protection for moderate fouling conditions. No paint buildup will occur and iliminates the need for heavy sanding. Perfect for powerboats and sailboats in seasonal boating conditions. Can be applied directly over properly prepared vinyls, epoxies and most any other hard or multi-season bottom paints.

7-2635	Blue	Gallon	**$80.95 D**
7-2636	Blue	Quart	**$27.95 D**
7-2637	Red	Gallon	**$80.95 D**
7-2638	Red	Quart	**$27.95 D**
7-2639	Black	Gallon	**$80.95 D**
7-2640	Black	Quart	**$27.95 D**
7-2641	Green	Gallon	**$80.95 D**
7-2642	Green	Quart	**$27.95 D**



Marpro Super-B Antifouling

Highest cuprous oxide content of any ablative. Great for trailerable boats. Sold per gallon

7-1081	Red		**$89.95 D**



Marpro Professional Specialized Coatings



Marpro Aluma Prep
Cleaning and Conditioning for Aluminum

Deep cleans, brightens and conditions aluminum hulls. Removes oxidation corrosion and chemically etches the aluminum surface for painting or welding.

7-2678	Gallon		**$93.95 D**
7-2679	Quart		**$33.95 D**



Marpro Aluma Pro
Multi-Season Self Polishing Ablative

Perfect for aluminum, fiberglass, wood and steel boats, Aluma Pro comes in bright colors including white. Excellent for trailer boats as well, Aluma Pro can be applied over most antifoulings. This ablative paint means no paint build up and eliminates heavy sanding while offering good protection for tough fouling conditions.

7-2600	White	Gallon	**$179.95 D**
7-2601	White	Quart	**$59.95 D**
7-2603	Blue	Gallon	**$179.95 D**
7-2604	Blue	Quart	**$59.95 D**
7-2605	Black	Gallon	**$179.95 D**
7-2606	Black	Quart	**$59.95 D**
7-2607	Black	Spray	**$20.95 D**
7-2608	Grey	Spray	**$20.95 D**

Marpro Topside Paints



Marpro Topside Gold

Can be used on fiberglass, wood, aluminum and steel. Hard, mirror high gloss one-part silicone copolymer finish with great UV protection. Great for cleaning, tough abrasion and stain resistance. Silky finish which is easy to apply by bristle brush and/or roller. Perfect for waterline striping.

7-2662	White	Gallon	**$89.95 D**
7-2663	White	Quart	**$23.95 D**

Marpro Professional Fishboat Coatings - Alkyd Topside Enamel



Professional Fishboat Coatings is a technically advanced, single component topside alkyd enamel giving you a hard protective coating for super high gloss, color retention and long durability. It is fast drying which when brushed or rolled gives a smooth finish with excellent handle and flow. This widely used topside alkyd enamel has tremendous resistance to tough chemicals, cleaning solutions and ultraviolet light with its advanced ultraviolet technology. Can be used on fiberglass, wood, aluminum and steel. It's like wrapping your boat in glass!

7-2649	Gloss White	Gallon	**$27.95 D**
7-2650	Gloss White	Quart	**$11.95 D**
7-2652	Medium Gray	Gallon	**$27.95 D**
7-2653	Medium Gray	Quart	**$11.95 D**
7-2654	Gloss Black	Gallon	**$27.95 D**
7-2655	Gloss Black	Quart	**$11.95 D**
7-2656	Green	Gallon	**$27.95 D**
7-2657	Green	Quart	**$11.95 D**
7-2658	Blue	Gallon	**$27.95 D**
7-2659	Blue	Quart	**$11.95 D**

Marpro Professional Boatyard Coatings

Marpro Paint Display

This display includes the following:

(2) 7-2609 - 8101MP GL MARPRO SPRKTE GLD BLU GL
(2) 7-2613 - 8102MP GL MARPRO SPRKTE GLD BLK GL
(2) 7-2619 - 8601MP GL MARPRO HARD BLUE 45 GL
(2) 7-2623 - 8602MP GL MARPRO HARD BLK 45 GL
(2) 7-2610 - BY10020 MARPRO SPRKTE GLD BL QT
(2) 7-2614 - BY10040 MARPRO SPRKTE GLD BLK QT
(2) 7-2620 - BY10050 MARPRO HARD BLUE 45 QT
(2) 7-2624 - BY10070 MARPRO HARD BLK 45 QT
(2) 7-2629 - BY10080 MARPRO SPR-B GLD BLU GL
(2) 7-2630 - BY10090 MARPRO SUPER-B GLD BL QT
(2) 7-2633 - BY10120 MARPRO SPR-B GOLD BLK GL
(2) 7-2634 - BY10130 MARPRO SUPR-B GLD BLK QT
(2) 7-2635 - BY10140 SUPER-B ABLTV BLUE 45 GL
(2) 7-2636 - BY10150 SUPER-B ABLTV BLUE 45 QT
(2) 7-2639 - BY10180 SUPER-B ABLTV BLK 45 GL
(2) 7-2640 - BY10190 SUPER-B ABLTV BLK 45 QT
(4) 7-2663 - TOPSIDE "GOLD" WHITE QT
(4) 7-2650 - 5145QT FISH BOAT GLOSS WHITE QT
(2) 7-2659 - 5216QT FISH BOAT BLUE QT
(2) 7-2657 - 5315QT FISH BOAT GREEN QT
(2) 7-2653 - 5708QT FISH BOAT MED GRAY QT
(2) 7-2655 - 5828QT FISH BOAT GLOSS BLK QT
(2) 7-2670 - BY10200 MAR-PROTECT PRIMER GL
(2) 7-1038 - 4-FMT/P FOAM CIGAR ROLLER 4" 2PK
(2) 7-1039 - 6.5-FMT/P FOAM CIGAR RLR 6.5" 2PK
(2) 7-1050 - 3DIY3MP ROLLER COVER 3" X 3/8
(2) 7-1051 - 4DIY3MP ROLLER COVER 4" X 3/8
(2) 7-1053 - 9DIY3MP ROLLER COVER 9" X 3/8
(2) 7-1060 - 9030-1MP PAINT BRUSH 1"
(2) 7-1061 - 9030-1.5MP PAINT BRUSH 1-1/2"
(2) 7-1062 - 9030-2MP PAINT BRUSH 2"
(2) 7-1063 - 9030-2.5MP PAINT BRUSH 2-1/2"
(2) 7-1064 - 9030-3MP PAINT BRUSH 3"
(1) PAINT DISPLAY HEADER SIGN
(2) WIDE BASE SIGN HOLDER



7-2589 **$2,915.95 D**



Marpro Camouflage Paint

Dull-finish marine paint is perfect for hunting or fishing vehicles. High quality, temporary finish for use on duck boats, skiffs and canoes. Can be easily removed with the included neutralizer. Brush, roll or spray on finish. Quart.

7-2660 Olive **$11.95 D**
7-2661 Brown **$11.95 D**

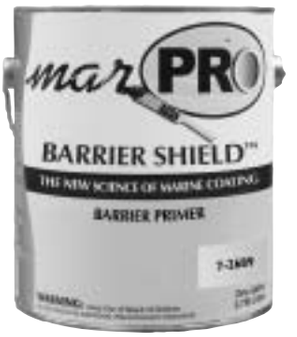
Marpro Paint Primers



Marpro Waterbase No Sand Primer

No need to sand before applying antifouling paint by on new or unpainted boats. Used below the waterline for priming fiberglass. Easy to apply by brush or roller.

7-2686 Gallon **$73.95 D**



Marpro Barrier Shield

It is a barrier/sealer coat over incompatible or unknown antifoulings. Also an effective anticorrosive primer for underwater metal surfaces. An excellent primer for antifouling paint over sanded fiberglass.

7-2689 Gallon **$76.95 D**
7-2691 Quart **$22.95 D**



Marpro White Undercoater

One coat of our high build undercoater is great for coverage of 300 square feet/gal, 75 square feet/quart. Great coverage, quick dry, great adhesion for topcoat.

7-2695 Gallon **$27.95 D**
7-2697 Quart **$11.95 D**



Marpro Thinner/Solvent for Marine Coatings

Reducer improves the application and the flow of coatings for brushing and rolling. A slow drying solvent, compatible with all antifoulings, primers and enamels and is also effective as a cleaner for paint supplies.

7-2674 Gallon **$12.95 D**
7-2675 Quart **$6.95 D**



Marpro Mar-Protect Epoxy Primer

Mar-Protect Epoxy Primer provides a seamless epoxy coating that creates a high build water barrier that eliminates any direct path for water migration. Bottom Protect 8000A/8000B High Build Epoxy Primer is a heavy duty 3:1 epoxy coating that prevents water absorption and blistering of your fiberglass hull.

7-2670 Gallon **$47.95 D**



Marpro Strontium Chromate Primer

An excellent 2-part metal primer ideally suited for corrosion resistance. Long pot life, perfect for large surface area, a heavy duty 2:1 mix. Excellent anticorrosive substrate primer for steel and aluminum. Light Yellow.

759071 (8004K) Two Gallon - Kit **$58.95 D**



Marpro Coal Tar Epoxy Primer

It is a heavy duty high build epoxy primer. Prevents rust and corrosion, has excellent adhesion and abrasion resistance, and Is recommended for saltwater immersion service. Marine docks, ship hulls, tank interiors, marine barges (exterior), metal protection in most chemical environments. Black.

759069 (8003K) Gallon - Kit **$58.95 D**

Marpro White China Paint Brushes

Marpro White China Bristle Brushes
100% White China Bristles. Excellent for use with oil paints, varnish and stains, and all marine coatings.

7-1060	Size: 1"	**$2.49 H**
7-1061	Size: 1-1/2"	**$3.19 H**
7-1062	Size: 2"	**$4.19 H**
7-1063	Size: 2-1/2"	**$5.79 H**
7-1064	Size: 3"	**$6.99 H**



Marpro Roller Covers

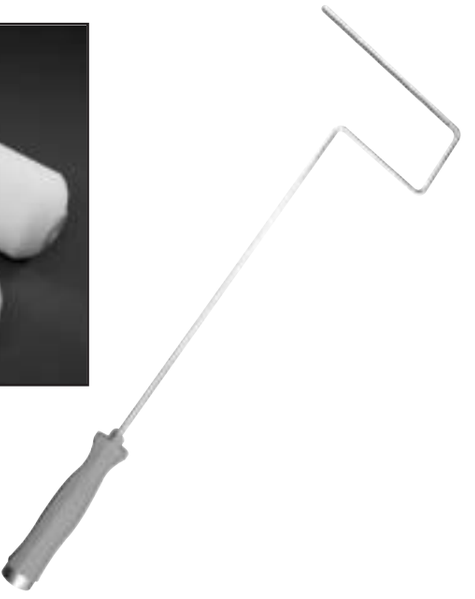


Marpro Roller Covers
100% Polyester fabric. Solvent resistant core. For smooth to semi-smooth surface. Fiberglass and epoxy applications.

7-1050	Size: 3"	3/8" Nap	**$1.89 H**
7-1051	Size: 4"	3/8" Nap	**$1.59 H**
7-1052	Size: 7"	3/8" Nap	**$1.69 H**
7-1053	Size: 9"	3/8" Nap	**$2.49 H**
7-1049	Size: 9"	3/16" Nap	**$4.95 H**

Marpro Cigar Rollers





Marpro Cigar Rollers
Foam. For smooth to semi-smooth surface. Fiberglass and epoxy applications.

7-1038	Size: 4"	3/8" Nap	**$2.59 H**
7-1039	Size: 6-1/2"	3/8" Nap	**$3.49 H**
7-1042	4" x 16" Roller Frame		**$1.69 H**
7-1043	6-1/2" x 24" Roller Frame		**$1.79 H**

Pettit Professional Coatings Antifouling Paint



Pettit Trinidad 75 Antifouling Paint

Hard epoxy, strongest conventional antifouling. Trinidad has more cuprous oxide – up to 75% depending on paint color – than any other antifouling paint, making it the strongest on the market. Gallon.

732417	(1071GL) Blue	**$221.95 F**
732429	(1072GL) Dark Blue	**$221.95 F**
732431	(1076GL) Red	**$221.95 F**
732443	(1078GL) Black	**$221.95 F**
732455	(1079GL) Special Black	**$221.95 F**



Pettit Trinidad Pro - Slim Resistant

Trinidad Pro aggressively combats even the most torrid, tropical fouling conditions and at the same time reduces annual hull maintenance. The only hard antifouling paint with dual biocides which is designed for the professional applicator. Gallon.

732460	(1082GL) Pro Blue	**$263.95 F**
732462	(1083GL) Pro Green	**$263.95 F**
732464	(1086GL) Pro Red	**$263.95 F**
732466	(1088GL) Pro Black	**$263.95 F**



Pettit Ultima® SR-60

Ultima SR 60 delivers exceptional, multi-season, dual-biocide performance by combining the highest ablative copper load (60%) with slime resistant Irgarol. Contains 50% more copper than Micron Extra, to provide stronger protection in even the toughest conditions. Its ablative surface wears away over time, reducing build up. Utilizes the same proven formula as Ultima Pro. Note: Due to extremely high copper load, some variations in color and finish may occur. Gallon.

732510	(1032GL) Blue	**$263.95 F**
732512	(1033GL) Green	**$263.95 F**
732514	(1036GL) Red	**$263.95 F**
732516	(1038GL) Black	**$263.95 F**

Pettit Copper-Guard Antifouling Paint

Coppergard is a hard protective antifouling paint for use on boat bottoms. It can be applied over most aged hard antifouling coatings. It is also suitable for all non-aluminum trailered boats. Gallon.



732366	(1042GL) Blue	**$97.95 F**
732380	(1046GL) Red	**$97.95 F**
732405	(1048GL) Black	**$97.95 F**



Pettit Hydrocoat – Water Based Antifouling Paint

The ideal combination of bottom protection, durability, high-speed performance and economical price. Hydrocoat is specifically formulated with a 40% cuprous oxide content durable, waterbased resins. It provides excellent protection against algae, barnacles, zebra mussels and other fouling organisms and is tough enough to withstand frequent trailering, launching and beaching. In addition, Hydrocoat helps improve hull performance by forming an easily-burnished, ultra-slick film that reduces drag for quicker acceleration and faster cruising speeds. Gallon.

732467	(1240GL) Blue	**$175.95 C 2D**
732470	(1340GL) Green	**$175.95 C 2D**
732479	(1840GL) Black	**$175.95 C 2D**
732481	(1640GL) Red	**$175.95 C 2D**

Pettit Antifouling Paint



PETTIT marine paint

Pettit Trinidad Antifouling Paint

Hard epoxy, strongest conventional antifouling. Trinidad has more cuprous oxide – up to 75% depending on paint color – than any other antifouling paint, making it the strongest on the market.

733015	(1275GL) Blue	Gallon	**$231.95 C 2D**
733027	(1275QT) Blue	Quart	**$80.95 C 6D**
733039	(1375GL) Green	Gallon	**$231.95 C 2D**
733041	(1375QT) Green	Quart	**$80.95 C 6D**
733053	(1575GL) Brown	Gallon	**$231.95 C 2D**
733091	(1675GL) Red	Gallon	**$231.95 C 2D**
733104	(1675QT) Red	Quart	**$80.95 C 6D**
733154	(1875GL) Black	Gallon	**$231.95 C 2D**
733166	(1875QT) Black	Quart	**$80.95 C 6D**

PETTIT marine paint

Pettit Unepoxy Standard Antifouling Paint

For fiberglass boats. For moderate fouling condition. It is a hard protective antifouling paint for use on boat bottoms. Also suited for non-aluminum trailered boats.



380650	(1228GL) Blue	Gallon	**$97.95 C 2D**
380651	(1228QT) Blue	Quart	**$33.95 C 6D**
380655	(1328GL) Green	Gallon	**$97.95 C 2D**
380656	(1328QT) Green	Quart	**$33.95 C 6D**
380662	(1628GL) Red	Gallon	**$97.95 C 2D**
380663	(1628QT) Red	Quart	**$33.95 C 6D**
380674	(1810GL) Black	Gallon	**$97.95 C 2D**
380675	(1810QT) Black	Quart	**$33.95 C 6D**



PETTIT marine paint

Pettit Unepoxy Plus Antifouling Paint

Formulated for moderate to severe fouling conditions. A hard, modified – epoxy antifouling paint in salt and fresh water. Can be applied, without fear of lifting, over existing bottom paints on fiberglass, steel or wood hulls. Great for trailerable boats.

733229	(1218GL) Blue	Gallon	**$169.95 C 2D**
733231	(1218QT) Blue	Quart	**$53.95 C 6D**
733243	(1318GL) Green	Gallon	**$169.95 C 2D**
733281	(1618GL) Red	Gallon	**$169.95 C 2D**
733344	(1818GL) Black	Gallon	**$169.95 C 2D**
733356	(1818QT) Black	Quart	**$53.95 C 6D**

PETTIT marine paint

Pettit Trinidad SR Antifoulding Paint - Slime Resistant

Very high copper content. Effective in worst tropical conditions. Long term protection. Hard finish, easily burnished. Excellent for fiberglass, wood and steel boats.



733175	(1277GL) Blue	Gallon	**$306.95 C 2D**
733176	(1277QT) Blue	Quart	**$101.95 C 6D**
733180	(1377GL) Green	Gallon	**$306.95 C 2D**
733181	(1377QT) Green	Quart	**$101.95 C 6D**
733185	(1677GL) Red	Gallon	**$306.95 C 2D**
733190	(1877GL) Black	Gallon	**$306.95 C 2D**
733191	(1877QT) Black	Quart	**$101.95 C 6D**

733611	(1161GL) White	Gallon	**$229.95 C 2D**
733613	(1161QT) White	Quart	**$74.95 C 2D**
733623	(1261GL) Blue	Gallon	**$229.95 C 2D**
733635	(1361GL) Green	Gallon	**$229.95 C 2D**
733647	(1461GL) Yellow	Gallon	**$229.95 C 2D**
733649	(1461QT) Yellow	Quart	**$74.95 C 2D**
733659	(1661GL) Red	Gallon	**$229.95 C 2D**
733661	(1861GL) Black	Gallon	**$229.95 C 2D**
733673	(1861QT) Black	Quart	**$74.95 C 2D**

PETTIT marine paint

Pettit Vivid Antifouling Paint - Clean, Bright Colors

Cuprous Thiocyanate combined with an organic algaecide offers unprecendented control over all types of fouling even in the most severe fouling areas. When used over the recommended priming system Vivid can safely be used on aluminum hulls and outdrives.



Pettit Antifouling Paint



Pettit Ultima® SR 40

Ultima SR 40 utilizes a high copper load (40%) combined with Irgarol to offer outstanding dual biocide, multi-season control in all types of fouling. Its ablative surface minimizes coat build-up to keep underwater surfaces smooth, while providing a continuous supply of fresh biocides. Can be hauled and re-launched without re-painting. Formerly sold as Ultima SR and Horizons® Pro, this formula has a proven track record as one of America's premium ablative bottom paints.

732520	(1098GL)	Black	Gallon	**$210.95 C 2D**
732532	(1092GL)	Blue	Gallon	**$210.95 C 2D**
732544	(1093GL)	Green	Gallon	**$210.95 C 2D**
732556	(1096GL)	Red	Gallon	**$210.95 C 2D**



Pettit Ultima SR Antifouling Paint

Copper Copolymer Ablative Antifouling with the highest amount of Copper and special biocide that makes the paint slime resistant.

732758	(1297GL)	Blue	Gallon	**$238.95 C 2D**



Pettit Super Premium Antifouling Paint

High concentration of cuprous oxide. Protects against attachments of barnacles, algae, annelids, tunicates, byozoa and other fouling organisms. For use in salt and fresh water. Do not apply to any surfaces other than boat bottoms. Protects wood boats against borers.

380649	(1890QT)	Black	Quart	**$43.95 C 6D**

Pettit Ultima® SSA

Ultima SSA is an economical, yet extremely effective ablative bottom paint. Utilizing the proven formula of Premium SSA, Ultima SSA provides excellent antifouling protection with an ablative surface that makes it an excellent choice for both power and sail boats. Ultima SSA's surface wears away over time, eliminating build up or the need for sanding. It can be used on most previously painted surfaces in good condition. One or two coats per season are recommended for optimal performance.



732948	(1281GL)	Blue	Gallon	**$113.95 C 2D**
732950	(1281QT)	Blue	Quart	**$37.95 C**
732962	(1381GL)	Green	Gallon	**$113.95 C 2D**
732974	(1381QT)	Green	Quart	**$37.95 C**
732986	(1681GL)	Red	Gallon	**$113.95 C 2D**
732003	(1881GL)	Black	Gallon	**$97.95 C**
733013	(1881QT)	Black	Quart	**$37.95 C 6D**



Pettit ACP-50 Antifouling Paint

It is an antifouling protective coating resistant to algae, barnacles and other marine fouling. The high loading of cuprous oxide present in the formula enables the paint to perform well in severe fouling areas. Ablative finish reduces coating build-up. Controlled release of toxicant for long term protection. Suitable for trailered boats.

732746	(1870GL)	Black	Gallon	**$177.95 C**

Pettit Seaworthy Antifouling Paint

A hard antifouling paint for use on boat bottoms. 45% cuprous oxide for moderate fouling conditions.

756380	(4403)	Red	5 Gallon	**$289.95 B**

Pettit Antifouling Paint

Pettit Alumacoat SR Antifouling Paint

Slime resistant. Clean, bright colors. Non-corrosive to metals. Excellent for aluminum, fiberglass, wood and steel boats. Contains PTFE for reduced friction and easy cleaning. TBT and copper free. It is an antifouling protective coating resistant to slime, algae, barnacles and other marine fouling. Alumacoat SR uses unique controlled erosion with the latest biocide technolgy to minimize coating buildup and keep underwater surfaces smooth and clean. Because of its formulation Alumacoat SR can safely be used on all aluminum hulls, outdrives and outboard motors in fresh, salt and brackish water.



733685 (1160GL)	White	Gallon	**$239.95 C 2D**
733697 (1160QT)	White	Quart	**$80.95 C**
733712 (1260GL)	Blue	Gallon	**$239.95 C 2D**
733724 (1260QT)	Blue	Quart	**$80.95 C 6D**
733736 (1660GL)	Red	Gallon	**$239.95 C 2D**
733750 (1860GL)	Black	Gallon	**$239.95 C 2D**
733762 (1860QT)	Black	Quart	**$80.95 C 6D**



Pettit Alumaspray + Antifouling Paint

For Aluminum Outdrives and Outboards. Contains no copper compounds - will not cause galvanic corrosion. Advance slime resistance. May be hauled and relaunched without recoating. Alumaspray + is an aerosol antifouling copolymer paint for use on aluminum outdrives and outboard motors in fresh, salt or brackish water. Alumaspray + cleans itself by washing away at controlled rate when in contact with water.

733786 (1763)	Gray	**$30.95 C 6D**
733798 (1863)	Black	**$30.95 C 6D**

Pettit Prop-Koat Kit - Clear Topcoat

It is a two part clear primer and top-coat system antifouling coating for underwater metals, fiberglass and inflatable boat fabrics. Pettit Prop-Koat is useful for rudders, shafts, struts, outdrive units and outboards, as well as inflatable boats. Adheres to metal, rubberized fabrics and bare fiberglass. Kit includes: (1) Pint primer and (1) quart topcoat. Brush or roller application. Clear finish.



733813 (6005/6006) **$242.95 C**

Pettit Primers



Pettit Rustlok Steel Primer

A one package moisture cured polyurethane coating designed for application over any steel or cast iron surface, including galvanized or stainless steel. Rustlok Steel Primer contains aluminum flake pigment which forms a dense, water impervious barrier. An easy to apply effective anti-corrosive barrier coating.

735235 (6980GL)	Gallon	**$85.95 C 4D**
735247 (6980QT)	Quart	**$27.95 C 6D**



Pettit Skip Sand Primer

Skip Sand Primer 6998 eliminates the need to sand before applying antifouling paint providing a system of excellent overall adhesion. It may also be used between two part epoxy primers and antifouling paints. 6998 has an extended over coating window of a few hours up to 7 days to apply bottom paint.

735300 (6998GL)	Gallon	**$94.95 F**
735312 (6998QT)	Quart	**$29.95 C 6D**

Fiberglass De-Waxer for Sandless System.

736237 (095GL)	Gallon	**$38.95 C 6D**
736249 (095QT)	Quart	**$14.95 C 8D**

Pettit Primers



Pettit Metal Primer
Metal Primer is made basically for metal application where a primer is needed to give corrosion and rust resistance above the waterline. Metal Primer uses a corrosion inhibition pigment to keep metal surface in good condition.

735108 (6455/0448) **$30.95 C 6D**



Pettit Tie Coat Primer
It is a general purpose chlorinated rubber primer and tie coat for use on steel surfaces and between different types of coatings.

735196 (6627GL) Gallon **$79.95 C 4D**
735209 (6627QT) Quart **$26.95 C 6D**



Pettit Protect Hi-Build Epoxy Primer
The last step in the gelcoat blister repair system is the application of the final barrier, Pettit 4700/4701 High Build Epoxy Primer over the sealed and faired fiberglass laminate. For prevention of osmosis on new or unblistered hulls, the removal of the gelcoat, sealing and fairing is not required, and therefore application of the High Build Epoxy Primer is the first step.

735324 (4700/701) Gallon Set **$83.95 C 2D**
735336 (4700/701) Quart Set **$33.95 C 6D**



Pettit Aluma Protect
Epoxy primer for aluminum. Strontium chromate for corrosion control. Easy to apply and excellent bonding surface. Aluma Protect is an epoxy primer specifically formulated for use on sand-blasted aluminum where maximum corrosion resistance to fresh and salt water is required. Coating is resistant to water, as well as, many chemical fumes and very humid environments. Pettit Protect High Build Epoxy 4700/4701 is usually used over the Aluma Protect for bare aluminum, pontoon hulls and outdrives.

735172 (4400/4401) 1/2 Gallon **$45.95 C 3D**

Pettit Undercoaters



Z*Spar Undercoater
1t is a high-filling, easy sanding marine type undercoater designed for use on wood and fiberglass surfaces. Provides a smooth base that allows Z*Spar Enamel to dry to a uniform gloss and appearance. Do not use below the waterline.

380395 (105) Quart **$18.95 C 6D**



Pettit Easypoxy White Undercoater
It should be used as a base coat whenever the surface to be painted is aged, cracked, checked, pitted or in any way less than smooth. It can be applied to fiberglass, wood and previously painted surfaces.

734699 (6149GL) Gallon **$64.95 C 2D**
734702 (6149QT) Quart **$23.95 C 6D**

Pettit Trailercoat



Pettit Trailercoat
Trailercoat is a bright silver-color urethane coating that forms a moisture-proof barrier against rusting. It has excellent adhesion to rusty steel surfaces and will penetrate and seal existing corrosion. Rustproof primer for boat trailers.

735045 (6981QT) Quart **$27.95 C 6D**
735046 (6981PT) Pint **$20.95 C 6D**

Pettit Underwater Products



Pettit Zinc Coat Barnacle Barrier
This product is for use only on bare metals such as steel, stainless steel, cast iron, copper, bronze, galvanized steel and lead. It forms an excellent adhesive bond to underwater metals and running gear and inhibits corrosion on these surfaces. Zinc Coat can be used above or below the waterline. Do not apply anti-fouling paint over Zinc Coat.

733801 (1792) **$17.95 C 6D**



Pettit Underwater Metal Kit
Complete kit for the preparation of all underwater metal gear. Ideal for all types of underwater metal. Professional quality underwater priming system. Kit includes: Metal primer and activator, 6627 Tie Coat Primer and detailed instructions.

735122 (6456) **$56.95 C**

Pettit A-788 Splash Zone Compound



Pettit A-788 Splash Zone Compound
Two component 100% non-volatile epoxy polyamide mastic used to repair and protect metal, concrete and other surfaces at, above and below the waterline in splash zone areas, both fresh and salt water. Can be mixed and applied underwater and will cure underwater as well as in the air. When cured, forms a hard coating resistant to abrasion, impact, water, chemicals and solvents. Adheres well to most surfaces, wet or dry, including steel, galvanizing, aluminum, concrete, wood, fiberglass and existing well-bonded coatings.

735728 (A-788) Half Gallon **$67.95 C 2D**

Pettit Varnishes



Z*Spar Captain's Varnish

A high solids marine varnish that is a copolymerization of several different resins and drying oils. It has outstanding gloss retention and all-around durability. Contains Ultra Violet absorbers and filters.

380458 (1015PT) Pint **$16.95 C 6D**
380460 (1015QT) Quart **$27.95 C 6D**
380446 (1015GL) Gallon **$83.95 C 4D**



Pettit Captain's Ultra-Clear Varnish

This is a premium urethane varnish with ultraviolet inhibitors to maintain outstanding gloss long after ordinary varnishes have faded. Ultra Gold provides remarkable scratch and chip resistance.

738003 (2067QT) Quart **$29.95 C 6D**



Z*Spar Captain's Satin Varnish

For a satin finish below deck where you want the warmth and protection of a quality varnish without the high gloss. Water, alcohol and oil resistant. Not for use below waterline. Light color makes this finish excellent to coat light or dark woods.

380509 (V975QT) Quart **$26.95 C 6D**



Pettit Bak-V-Spar Varnish

This is a traditional tung-linseed oil/phenolic resin varnish formulated for maximum durability. Bak-V-Spar is the product of choice for professional varnishers who value its longer wet edge, high film build and extremely - durable finish.

737924 (2053QT) Quart **$23.95 C 6D**



Z*Spar Flagship Varnish

Offers the highest Ultra Violet protection available today in a marine varnish. It can be built up to many coats for a deep, rich, mirror-like finish. The depth of gloss is increased with each coat.

380472 (2015QT) Quart **$30.95 C 6D**



Z*Spar Clear Wood Sealer

380511 (S-120) Quart **$24.95 C 6D**

Pettit Paint Above the Waterline



Pettit Easypoxy
Easiest to apply high-gloss finish. A modern, single-component polyurethane topside paint. It's fortified with silicone for brilliant shine and easy brushability and has ultraviolet filters for superior gloss retention.

734031	(3106GL) Semigloss White	Gallon	**$82.95 C 4D**
734043	(3106QT) Semigloss White	Quart	**$30.95 C 6D**
734055	(3108GL) Off-White	Gallon	**$82.95 C 2D**
734067	(3108QT) Off-White	Quart	**$30.95 C 6D**
734093	(3175GL) Gloss White	Gallon	**$82.95 C 2D**
734106	(3175QT) Gloss White	Quart	**$30.95 C 6D**
734168	(3213QT) Blue Ice	Quart	**$30.95 C 6D**
734219	(3229GL) Bikini Blue	Gallon	**$82.95 C 4D**
734221	(3229QT) Bikini Blue	Quart	**$30.95 C 6D**
734245	(3232QT) Teal Blue	Quart	**$30.95 C 6D**
734269	(3237QT) Electric Blue	Quart	**$30.95 C 6D**
734283	(3248GL) Ocean Blue	Gallon	**$82.95 C 4D**
734295	(3248QT) Ocean Blue	Quart	**$30.95 C 6D**
734346	(03348QT) Jade Green	Quart	**$30.95 C 6D**
734360	(3350QT) Kelly Green	Quart	**$30.95 C 6D**
734384	(3415QT) Sunflower Yellow	Quart	**$33.95 C 6D**
734423	(3518QT) Sandtone	Quart	**$30.95 C 6D**
734447	(3520QT) Grand Banks Beige	Quart	**$30.95 C 6D**
734461	(3624QT) Bright Red	Quart	**$33.95 C 6D**
734485	(3626QT) Burgundy	Quart	**$33.95 C 6D**
734512	(3705QT) Mist Gray	Quart	**$30.95 C 6D**
734524	(3706QT) Pearl Gray	Quart	**$30.95 C 6D**
734550	(3711GL) Platinum	Gallon	**$82.95 C 4D**
734562	(3711QT) Platinum	Quart	**$30.95 C 6D**
734586	(3720QT) Dark Gray	Quart	**$30.95 C 6D**
734625	(3801QT) Black	Quart	**$30.95 C 6D**



Pettit Shipendec – A Traditional Marine Alkyd Enamel
It is a traditional marine alkyd enamel. Originally developed for wooden boats, Shipendec may also be applied to properly prepared fiberglass, metal and over existing enamels.

737188	(3303QT) Dull Dead Grass	Quart	**$23.95 C 6D**
737203	(3304QT) Marsh Grass	Quart	**$23.95 C 6D**
737241	(3333QT) Newport Green	Quart	**$23.95 C 6D**

Pettit Yacht White Flat
Originally developed for wooden boats, these old-time favorites may also be applied to properly prepared fiberglass, metal and over existing enamels. They are well known for their exceptionally easy, forgiving application, superb covering properties, good. Features: Proven topside protection. Durable enamel. Easy brushability - applies evenly. Can be brushed, rolled or sprayed. Not recommended for constant immersion.

734764 (2120) Quart **$17.95 C 6D**

Pettit Yacht White Gloss
Originally developed for wooden boats, these old-time favorites may also be applied to properly prepared fiberglass, metal and over existing enamels. They are well known for their exceptionally easy, forgiving application, superb covering properties, good. Features: Durable enamel. Easy brushability - applies evenly. Can be brushed, rolled or sprayed.

734788 (2153) Quart **$17.95 C 6D**



Pettit Skidless Compound
Skidless Compound is a dry powder which may be added to any Pettit Topside Paint to produce a rough textured finish.

737049 (9900) Pint **$14.95 C 6D**



Pettit Boot Top Paint
Contrasting waterline stripes. Boot top colors are easy-brushing enamels in small convenient sizes. Used for boot tops, hull graphics and other accents. May also be sprayed, if desired.

737758	(8147HP) White	Half Pint	**$10.95 C 12D**
737772	(8216HP) Blue	Half Pint	**$10.95 C 12D**
737796	(8614HP) Red	Half Pint	**$10.95 C 12D**
737811	(8828HP) Black	Half Pint	**$10.95 C 12D**

Z*Spar Products



Z*Spar Gloss White

380357 (100GL) Gallon **$59.95 C 4D**
380369 (100QT) Quart **$18.95 C 6D**



Z*Spar Semi-Gloss White

380372 (101QT) Quart **$18.95 C 6D**

Pettit Thinners



Pettit Brushing Thinner #120

This is a general purpose thinner used in most paint products for ease of application when brushing.

735918 (120GL) Gallon **$36.95 C 6D**
735920 (120QT) Quart **$14.95 C 8D**

Pettit Spraying Thinner #121

This is a fast evaporating thinner used in most Pettit products to reduce the paint for spray application.



735944 (121GL) Gallon **$36.95 C 6D**
735956 (121QT) Quart **$16.95 C 8D**



Pettit ACP - Thinner

A specially formulated blend of solvents designed specifically for thinning Pettit's Ultima SR, Ultima Pro, Horizons and Horizons Pro Bottom Paints.

736124 (185QT) Quart **$19.95 C 8D**

Pettit Epoxy Thinner

Polypoxy Thinner has been created specifically for use with Pettit's 4700/4701 Pettit Protect High Build Epoxy Primer. Can be used for both brush and spray applications.



736150 (097QT) Quart **$14.95 C 8D**



Pettit Fiberglass Dewaxer

Removes fiberglass mold release wax. Used above or below the waterline. 95 Fiberglass Dewaxer is a special blend of solvents, formulated to cut through and remove mold release, grease and previously applied waxes from the gelcoat.

736237 (095GL) Gallon **$38.95 C 6D**
736249 (095QT) Quart **$14.95 C 8D**

Interlux Self-Polishing Copolymer - Replaces TBT

Note: Not for use in Freshwater!

Interlux Self-Polishing Copolymer - Micron® 66

No licensed required. No restriction on boat size.
For professional application.

Based on unique Biolux SPC technology, it is proven to give levels of antifouling protection equal to TBT antifoulings ensuring your hull remains free from fouling for longer. Lasts for two seasons and beyond allowing flexibility in maintenance schedules. Delivers a controlled, sustained biocide release throughout the lifetime of the paint, giving effective antifouling protection - even throughout prolonged periods of inactivity! Constantly smoothes to an exceptionally low friction finish that minimizes drag for maximum speed and fuel efficiency. Free of TBT, it doesn't contribute to the negative environmental impact of TBT antifoulings and provides freedom of movement world-wide. Coverage: 320 Sq. ft/gallon (roller applied). Surfaces: Fiberglass, wood, and properly primed underwater metal. Application: Brush, roller or airless spray. Application Temperature: 41° F (5° C) to 95° F (35° C). Coats Required: 2 coats minimum. V.O.C.: 508 gms/ltr as supplied (4.24 lb/Gallon).



406036 (YBA470)	Blue	Gallon	**$310.95 C 2D**
406042 (YBA471)	Green	Gallon	**$310.95 C 2D**
406048 (YBA472)	Red	Gallon	**$310.95 C 2D**
406050 (YBA473)	Black	Gallon	**$310.95 C 2D**

Interlux Micron® 55



Interlux Micron® 55

Micron 55 has been designed as a transition coat over TBT antifouling paints prior to applying Micron 66. Micron 55 is an effective antifouling paint that uses Biolux Technology to control slime and algae growth. Micron 55 also serves as a signal coat under Micron 66 to show when it is time to repaint.

406062 (YBA416)	Blue	Gallon	**$258.95 C 2D**
406074 (YBA498)	Black	Gallon	**$290.95 C 2D**

Associated Products

409373 (Y216)	Special Thinner	Gallon	**$24.95 C 4D**
409397 (Y216)	Special Thinner	Quart	**$10.95 C 6D**
409400 (Y216)	Special Thinner	Pint	**$8.95 C 12D**
409676 (Y433)	Brush-Ease	Quart	**$11.95 C 6D**
409309 (Y202)	Fiberglass Solvent Wash	Gallon	**$35.95 C 4D**
409311 (Y202)	Fiberglass Solvent Wash	Quart	**$12.95 C 6D**
409323 (YMA601)	Fiberglass Surface Prep	Quart	**$15.95 C 6D**
409335 (YMA601)	Fiberglass Surface Prep	Gallon	**$57.95 C 4D**
409157 (Y2000E)	Interprotect 2000E Gray	Quart	**$27.95 C 6D**
409163 (Y2000E)	Interprotect 2000E Gray	Gallon	**$81.95 C 2D**
409165 (Y2002)	Interprotect 2002 White	Gallon	**$89.95 C 2D**
409166 (Y2002)	Interprotect 2002 White	Quart	**$29.95 C 6D**
409170 (Y3000)	Interprotect 3000	Quart	**$38.95 C 6D**
409171 (Y3000)	Interprotect 3000	Gallon	**$114.95 C 2D**





Interlux Antifouling Paint - Copolymers

Interlux Micron® Extra with Biolux



Combines the slime blocking power of Biolux with controlled solubility copolymer antifouling paint technology to provide long-lasting, full-spectrum defense against fouling organisms. Incorporates Biolux along with cuprous oxide to achieve complete protection against shell, weed and slime fouling. The antifouling ingredients are chemically bonded into Micron Extra's copolymer matrix, which is engineered to gradually wear away as the boat moves through the water, much like a bar of soap.

406010	(Y5690)	Blue	Gallon	**$277.95 C 2D**
406011	(Y5690)	Blue	Quart	**$79.95 C 6D**
406014	(Y5691)	Green	Gallon	**$277.95 C 2D**
406016	(Y5692)	Red	Gallon	**$277.95 C 2D**
406018	(Y5693)	Black	Gallon	**$277.95 C 2D**
406019	(Y5693)	Black	Quart	**$75.95 C 6D**
406020	(Y5694)	Shark White	Gallon	**$277.95 C 2D**
406024	(Y5695)	Brown	Gallon	**$277.95 C 2D**
406026	(Y5696)	Dark Blue	Gallon	**$277.95 C 2D**

Interlux Micron® CSC



The innovative copper-copolymer formula of Micron CSC provides a controlled release of antifouling biocide at the paint surface. Now has longer life, better slime resistance and even better protection. True self polishing, multi-seasonal copolymer. Washes away like a bar of soap and can be hauled and relaunched without repainting.

405907	(Y5580)	Blue	Gallon	**$221.95 C 2D**
405919	(Y5580)	Blue	Quart	**$62.95 C 6D**
405921	(Y5581)	Green	Gallon	**$221.95 C 2D**
405933	(Y5581)	Green	Quart	**$62.95 C 6D**
405945	(Y5582)	Red	Gallon	**$221.95 C 2D**
405956	(Y5582)	Red	Quart	**$62.95 C 6D**
405969	(Y5583)	Black	Gallon	**$221.95 C 2D**
405972	(Y5583)	Black	Quart	**$62.95 C 6D**
405983	(Y5584)	Shark White	Gallon	**$221.95 C 2D**
405995	(Y5584)	Shark White	Quart	**$62.95 C 6D**

Associated Products





409373	(Y216)	Special Thinner	Gallon	**$24.95 C 4D**
409397	(Y216)	Special Thinner	Quart	**$10.95 C 6D**
409400	(Y216)	Special Thinner	Pint	**$8.95 C 12D**
409676	(Y433)	Brush-Ease	Quart	**$11.95 C 6D**
409309	(Y202)	Fiberglass Solvent Wash	Gallon	**$35.95 C 4D**
409311	(Y202)	Fiberglass Solvent Wash	Quart	**$12.95 C 6D**
409323	(YMA601)	Fiberglass Surface Prep	Quart	**$15.95 C 6D**
409335	(YMA601)	Fiberglass Surface Prep	Gallon	**$57.95 C 4D**
409157	(Y2000E)	Interprotect 2000E Gray	Quart	**$27.95 C 6D**
409163	(Y2000E)	Interprotect 2000E Gray	Gallon	**$81.95 C 2D**
409165	(Y2002)	Interprotect 2002 White	Gallon	**$89.95 C 2D**
409166	(Y2002)	Interprotect 2002 White	Quart	**$29.95 C 6D**
409170	(Y3000)	Interprotect 3000	Quart	**$38.95 C 6D**
409171	(Y3000)	Interprotect 3000	Gallon	**$114.95 C 2D**

Interlux Hard Antifouling



Interlux Ultra® with Biolux

In the most troublesome fouling situations, where waters are warmer, land runoff is greater and slime-causing algae are rampant, Ultra rises to the challenge. Interlux has combined a very high load of cuprous oxide to combat shell fouling with Biolux technology to fight weed and slime growth. Biolux keeps the bottom clean from weed and algae fouling and the copper works better at keeping shell fouling such as barnacles and zebra mussels from attaching to the bottom. Teflon is also added to Ultra to enhance durability and ease of cleaning.

405770	(3449)	Red	Gallon	**$278.95 C 2D**
405772	(3559)	Green	Gallon	**$298.95 C 2D**
405774	(3669)	Blue	Gallon	**$298.95 C 2D**
405778	(3779)	Black	Gallon	**$298.95 C 2D**



Interlux Fiberglass Bottomkote® Aqua

Hard acrylic antifouling paint provides a hard, scrubbable finish that will give premium protection from algae, slime, barnacles, zebra mussels and other forms of fouling. For use on either cruising or performance boats. The surface can be wet-sanded to provide a smooth racing finish with less drag. Low in Volatile Organic Content, which limits solvent emission into the atmosphere, with the added benefit of easy clean up with soap and water.

405590	(YBA569)	Blue	Quart	**$38.95 C 6D**
405592	(YBA579)	Black	Quart	**$38.95 C 6D**



Interlux Fiberglass Bottomkote® with Irgarol

A hard modified-epoxy antifouling paint that provides excellent season long protection. Contains cuprous oxide and Irgarol. The Irgarol works to control weed, slime and algae fouling while the cuprous oxide works to control shell fouling such as barnacles and zebra mussels. The fast dry formula allows it to be painted and launched in the same day. It can be applied over any other antifouling paint and can also be wet sanded and burnished to a smooth racing finish.

405630	(Y449)	Red	Gallon	**$142.95 C 2D**
405631	(Y449)	Red	Quart	**$42.95 C 6D**
405642	(Y559)	Green	Gallon	**$142.95 C 2D**
405643	(Y559)	Green	Quart	**$42.95 C 6D**
405654	(Y669)	Blue	Gallon	**$142.95 C 2D**
405655	(Y669)	Blue	Quart	**$42.95 C 6D**
405666	(Y779)	Black	Gallon	**$142.95 C 2D**
405667	(Y779)	Black	Quart	**$42.95 C 6D**

NEW Size



Interlux Fiberglass Bottomkote® ACT with Irgarol

Uses Ablative Copolymer Technology providing excellent season-to-season protection. Ablative Copolymer Technology enables it to wear away with use and eliminates the build-up of sold spent coatings and the heavy sanding needed to remove them. It contains cuprous oxide and Irgarol. The Irgarol works to control weed, slime and algae fouling while the cuprous oxide works to control shell fouling such as barnacles and zebra mussels. It provides excellent protection against all forms of marine fouling in waters with moderate to heavy fouling and can be used in fresh, salt and brackish water.

405561	(Y4490B)	Red	Gallon	**$168.95 C 2D**
405562	(Y4490B)	Red	Quart	**$51.95 C 6D**
405563	(Y5590B)	Green	Gallon	**$168.95 C 2D**
405564	(Y5590B)	Green	Quart	**$51.95 C 6D**
405565	(Y6690B)	Blue	Gallon	**$168.95 C 2D**
405566	(Y6690B)	Blue	Quart	**$51.95 C 6D**
405567	(Y6690B)	Blue	3 Gallon	**$463.95 C 2D**
405569	(Y7790B)	Black	Gallon	**$168.95 C 2D**
405570	(Y7790B)	Black	Quart	**$51.95 C 6D**
405571	(Y7790B)	Black	3 Gallon	**$463.95 C 2D**

Interlux Hard Antifouling



Interlux Super KL® with Slime Fighter

Super KL is a premium antifouling coating that provides effective protection against all marine fouling for use on boats that remain in the water for extended periods between haul outs. The fast dry formula of Super KL allows you to paint and launch your boat the same day.

404794	(K91)	Blue	Gallon	**$208.95 C 2D**
404796	(K93)	Black	Gallon	**$208.95 C 2D**



Interlux Ultra-Kote® – Premium

Top of the line traditional antifouling paints. Highest cuprous oxide content. Specifically formulated to combat severe fouling in tropical waters.

405705	(2449)	Red	Gallon	**$220.95 C 2D**
405729	(2669)	Blue	Gallon	**$188.95 C 2D**
405731	(2669)	Blue	Quart	**$54.95 C 6D**
405743	(2779)	Black	Gallon	**$220.95 C 2D**
405755	(2779)	Black	Quart	**$50.95 C 6D**



Interlux Epoxycop®

Epoxycop is a hard modified-epoxy antifouling paint that has been developed to provide effective season-long protection and ease of application.

404690	(K50)	Red	Gallon	**$99.95 C 2D**
404703	(K50)	Red	Quart	**$30.95 C 6D**
404715	(K51)	Blue	Gallon	**$99.95 C 2D**
404727	(K51)	Blue	Quart	**$30.95 C 6D**
404741	(K52)	Black	Quart	**$28.95 C 6D**
404753	(K53)	Green	Gallon	**$99.95 C 2D**
404765	(K53)	Green	Quart	**$30.95 C 6D**

Interlux Specialty Antifouling - For Aluminum Hulls • Outdrives • Outboards



Interlux Trilux® 33 with Biolux

TBT Free. No licenses required.

It is a new tin-free antifouling formulated to provide safe, effective protection for aluminum boats, outdrives and outboards, or where a bright color or bright white is required. It can also be applied to fiberglass, wood and other underwater metals.

406252	(YBA060)	Blue	Gallon	**$241.95 C 2D**
406264	(YBA060)	Blue	Quart	**$70.95 C 6D**
406276	(YBA062)	Red	Gallon	**$241.95 C 2D**
406288	(YBA062)	Red	Quart	**$68.95 C 6D**
406290	(YBA063)	Black	Gallon	**$241.95 C 2D**
406303	(YBA063)	Black	Quart	**$70.95 C 6D**
406319	(YBA063)	Black	Pint	**$41.95 C 6D**
406327	(YBA068)	White	Gallon	**$241.95 C 2D**
406339	(YBA068)	White	Quart	**$70.95 C 6D**
406341	(YBA068)	White	Pint	**$40.95 C 6D**

Interlux Specialty Antifouling - For Aluminum Hulls • Outdrives • Outboards



Interlux Trilux® Prop and Drive Aerosol

Interlux now offers a new, TBT-free Aerosol antifouling paint for aluminum outboards and outdrives. Trilux Prop and Drive has been specially formulated with Biolux to be the safest and most effective product for use on aluminum outdrives and outboards.

405863	(5493A)	Black	**$28.95 C 6D**
405864	(5498A)	White	**$28.95 C 6D**
405870	(5495A)	Gray	**$28.95 C 6D**
405883	(5499A)	Clear	**$28.95 C 6D**



Interlux Primocon Aerosol

It is formulated for use on underwater areas of aluminum outdrives and outboards, prior to application of Trilux Prop and Drive Aerosol. It is used as a conversion coating over old TBT containing antifouling paint as well as a non-bleeding, anti-corrosive primer that provides an excellent barrier on underwater metal surfaces, reducing galvanic corrosion.

409225 (YPA985/16) **$17.95 C 6D**

Interlux Antifouling Paint



Interlux VC® 17m Extra with Biolux®

VC 17m Extra with Biolux is a friction reducing, low drag, high performance thin film antifouling paint formulated with Teflon. When applied VC 17m Extra with Biolux yields a thin, super smooth, racing finish that would normally take days of tiresome sanding. VC 17m Extra also incorporates Biolux technology along with metallic copper to achieve complete protection against zebra mussels, teredo worms, weed, algae and slime fouling. This is especially helpful in freshwater or low fouling saltwater. Quart.

404169	(YBA406)	Blue	**$54.95 C 6D**
404171	(YBA407)	Red	**$43.95 C 6D**



Interlux Regatta Baltoplate Racing Finish

A specialized antifouling bottom paint for the serious racer. Combines superior antifouling performance with the smoothness and lubricity of a superior racing bottom finish in one coat. Dries to a dull finish, it can be sanded and burnished to a gleaming, polished finish. Gray metallic.

404804 (R3950) Gallon **$292.95 C 2D**



Interlux VC® Offshore with Teflon®

VC Offshore is a high strength Teflon antifouling paint for use in saltwater. It yields a hard, very smooth finish for maximum durability reduced friction and increased performance, allowing the hull to move through the water using less energy. For powerboats, this translates into increased RPM's and fuel savings. For sailboats, this translates into optimum hull speeds.

404107 (V116) Blue Quart **$78.95 C**

Interlux Epiglass Epoxy Resin HT9000



Interlux

Interlux Epiglass Epoxy Resin HT9000

Epiglass HT9000 system can be used for glueing, laminating, sheathing, filling and fairing. The system is available with standard and fast speed hardeners to allow for a greater variety of working temperatures and conditions. Use with Interprotect Y2000E for blister repair and prevention.

410744	(HT9000) Gallon		**$87.95 C 2D**
410756	(HT9000) Quart	Kit	**$38.95 C 6D**
410770	(HT9001) Quart	Fast Hardener	**$33.95 C 6D**
410782	(HT9002) Quart	Standard Hardener	**$33.95 C**

Interlux Epiglass HT120 and HT450

Interlux



Interlux Epiglass HT120 Glue Powder

Epiglass HT120 Glue blend is a combination of lightweight powders pre-mixed to produce a high strength glue when mixed with resin. Due to its unique formulation Epiglass HT120 displays easy sanding characteristics plus some degree of filling properties.

410794 (HT120) Quart **$9.95 C 6D**

Interlux



Interlux Epiglass HT450 Filler Powder

When lightweight powders and strength are the criteria for your project Epiglass HT450 offers you just that. A special pre-mix of powders makes Epiglass HT450 ideal for filling and coving producing an easy to sand filler. Included in Epiglass HT450 is a specific lightweight powder developed to improve trowel and feathering properties especially over small areas.

410807 (HT450) Quart **$13.95 C 6D**

Interlux Interprotect Kits

Now with Longer Overcoat Times



Interlux Interprotect® Kits

Interprotect Primer Y2000E/2001E. A unique two-part epoxy coating developed to protect fiberglass boats from water absorption which can lead to osmotic blistering. Also used to repair gelcoat blistering. It has been made easier to use by allowing up to 2 weeks between coats.

409157	(Y2000E/2001E)	Quart	Gray	**$27.95 C 6D**
409163	(Y2000E/2001E)	Gallon	Gray	**$81.95 C 2D**
409166	(Y2002E/2001E)	Quart	White	**$29.95 C 6D**
409165	(Y2002E/2001E)	Gallon	White	**$89.95 C 2D**

Interprotect Primer Y3000/3001. A unique two-part epoxy coating developed to protect old and new fiberglass hulls from water absorption which can lead to hull blistering.

409170	(Y3000/3001) Quart	**$38.95 C 6D**
409171	(Y3000/3001) Gallon	**$114.95 C 2D**

Interlux Primers



Interlux Primocon Underwater Primer
Primocon is an anti-corrosive primer for underwater metal surfaces including hulls, running gear, and the lower units of outboards and I/O's. It will provide an excellent barrier to reduce pitting of the metal from galvanic corrosion. Primocon will not affect the color of antifouling paint. Can also be used as a conversion coating over an unknown antifouling.

409208 (YPA984-360R) Gallon **$67.95 C 2D**
409210 (YPA984-360R) Quart **$21.95 C 6D**



Interlux Viny-Lux® Primewash Base/Reducer
A self-etching primer designed for use on bare metal, to obtain the optimum adhesion of primers and finish paints. Dries very quickly.

409260 (Y353/354) Gallon **$85.95 C 2D**
409272 (Y353/354) Quart **$55.95 C 6D**
409265 (Y353) Gallon - Vinyl-Lux Solvent **$59.95 C**
409638 (Y355) Quart - Vinyl-Lux Solvent **$12.95 C 6D**
409268 (Y354) Pint - Vinyl-Lux Solvent **$26.95 C**



Interlux Fiberglass No Sand Primer
Interlux Fiberglass No Sand Primer is designed to eliminate the need to sand fiberglass prior to applying antifouling paint. It can also be used on epoxy primers to improve the adhesion of antifouling paint.

409096 (YPA200) Gallon **$72.95 C 4D**
409097 (YPA200) Quart **$26.95 C 6D**



Interlux Pre-Kote Primer - Above Waterline Primer
Primer for Premium Yacht Enamel, Brightside Polyurethane, Toplac and other one part finishes. Fast build, easy to sand.

408915 (YA4279) Gallon White **$70.95 C 2D**
408927 (YA4279) Quart White **$21.95 C 6D**
408941 (YA4280) Quart Gray **$21.95 C 6D**

Interlux Interplate 937 Gray
A two pack, heat resistant, zinc silicate shop primer providing good corrosion protection, with minimum production of zinc salts. Excellent welding and cutting properties and resistance to damage caused by welding, gas cutting and fairing thereby reducing secondary surface preparation requirements in comparison to typical zinc silicate products.

412001 (NQA933) 5 Gallon **$564.00 D**



Interlux Epoxy PrimeKote
A two-part epoxy primer. Can be used above and below the waterline. Good enamel hold-out, sands freely yet does not load the paper. Does not sand through easily.

409108 (Y404/414) Gallon Kit **$83.95 C 2D**
409118 (Y404/414) Quart Kit **$28.95 C 6D**

Interlux Varnishes



Interlux Jet Speed Varnish
Exceptionally quick drying varnish intended when fast buildup coats and quick overcoating are necessary. Not recommended to be used as a finish coat.

408701 (Y100) Quart **$18.95 C 6D**



Interlux Perfection Varnish
(Formerly Interthane Plus Clear)
Perfection Varnish is a clear, two part linear polyurethane coating for wood and epoxy. Brushes easily with excellent leveling properties. Hardens into an extremely tough high gloss. Weather resistant clear coating. Perfection Varnish also uses the latest technology in ultra-violet protection to resist sun damage for maximum longevity

408408 (YVA853) Quart **$59.95 C 4D**



Interlux Goldspar® Clear Varnish
It is a one-part polyurethane varnish which contains a unique combination of ultra-violet additive, surface stabilizers and antioxidants to ensure long term gloss and clarity. Superior leveling properties and a bright, clear, high gloss finish.

408571 (Y95) Gallon **$90.95 C 2D**
408584 (Y95) Quart **$26.95 C 6D**
408585 (Y95) Pint **$16.95 C 6D**



Interlux Original Varnish
Original is a traditional spar varnish that combines ease of application with good gloss and durability. Original is a phenolic resin varnish that contains ultra-violet filters. Ease of use and traditional golden color make Original an ideal choice for use on interior and exterior woodwork such as cabin trim, handrails and coamings.

408561 (Y90) Quart **$15.95 C 6D**



Interlux Schooner® Varnish
Contains ultra-violet filters to screen the sun's damaging rays for remarkable durability. Excellent water resistance and silky application. Superior self-leveling property and a bright, clear, high gloss afford a pristine finish.

408601 (Y96) Gallon **$83.95 C 2D**
408612 (Y96) Quart **$24.95 C 6D**
408624 (Y96) Pint **$16.95 C 6D**



Interlux Goldspar® Satin Varnish
It is a modified urethane low luster varnish designed for application to interior wood surfaces only. Produces a warm, rich, satin sheen finish that is hard enough to resist scratches and alcohol stains. Can be applied by either brush or spray.

408546 (Y60) Pint **$13.95 C 12D**
408547 (Y60) Quart **$22.95 C 6D**
408535 (Y60) Gallon **$64.95 C 2D**

Interlux Wood Sealer



Interlux Interprime™ Clear Wood Sealer

Wood sealer suitable for interior and exterior use. Stops suction in the wood and seals the grain. Recommended for sealing plywood to resist cracking and checking.

408838 (Y1026) Gallon **$46.95 C 2D**
408852 (Y1026) Quart **$15.95 C 6D**

NEW ITEM



Interlux Clear Wood Sealer

A fast drying urethane used for priming wood prior to application of single pack varnishes or two component urethane finishes. It is easily absorbed and forms a strong bond between the wood and subsequent paint or varnish systems. Quart.

408713 (YV327) Base **$24.95 C 6D**
408725 (YV328) Cure **$41.95 C 6D**

Interlux Cetol Marine



Interlux Cetol® Marine

Cetol Marine Light. Is a durable, translucent satin protective wood finish formulated with a special alkyd resin and high quality synthetic UV-absorbing pigments which shields wood against damaging UV rays. Identical to the Cetol Marine but formulated with different pigments to produce a lighter amber appearance and can be used for interior or exterior wood.

408876 (IVA290) Quart **$30.95 C 6D**

Cetol Marine. Is a durable translucent satin protective wood finish, formulated with a special alkyd resin and high quality synthetic UV-absorbing pigments which shields wood against damaging UV rays. It produces an attractive dark amber look to wood and can be used for interior or exterior wood.

408888 (IVA300) Quart **$30.95 C 6D**

Cetol Marine Gloss. Is a durable clear gloss protective wood finish, developed as a topcoat for Cetol Marine, Cetol Marine Light and now Cetol Marine Natural Teak. Cetol Marine Gloss provides a high gloss, hard wearing, UV protection and an easy to clean finish. It can be used where a gloss appearance is preferred on top of Cetol Marine, Cetol Marine Light and Cetol Marine Natural Teak. Do not use on decks.

408890 (IVA315) Quart **$33.95 C 6D**

Cetol Marine Natural Teak. Enhance and protect the natural beauty and grain of teak. Formulated to have the same ease of application and maintenance characteristics as Cetol Marine and Cetol Marine Light but with a unique UV protection package and pigmentation. With "Next Wave" Technology.

408903 (IVA316) Quart **$30.95 C 6D**

Interlux Topside Finishes



Interlux

Interlux Perfection

Perfection is the ultimate performing, 2-part polyurethane gloss finish. It provides the longest lasting, ultra high-gloss finish that has superb colour retention, together with excellent chemical, impact & abrasion resistance. It has been formulated specifically to enable amateur users to achieve professional quality results with ease on topsides, superstructure and decks.

408030 (YHA184)	Mediterranean White	Quart	**$60.95 C 6D**
408042 (YHA192)	Off White	Quart	**$60.95 C 6D**
408054 (YHA194)	Oyster White	Quart	**$60.95 C 6D**
408060 (YHA198)	Matterhorn White	Quart	**$60.95 C 6D**
408080 (YHB000)	Snow White	Half Gal.	**$117.95 C 2D**
408092 (YHB000)	Snow White	Quart	**$60.95 C 6D**
408105 (YHB663)	Jade Green	Quart	**$60.95 C 6D**
408129 (YHK990)	Flag Blue	Quart	**$60.95 C 6D**
408160 (YHY999)	Jet Black	Quart	**$61.95 C 6D**

Interlux



Interlux Interthane Plus
Super Gloss Two-Part Polyurethane

A two-part linear polyurethane combining a tough, abrasion resistant finish with super high gloss and color retention. Recommended for topside and deck areas…over fiberglass, aluminum, wood and steel surfaces as well as those with a previously applied two-part polyurethane finish.

408408 (YVA853)	Clear	Quart	**$59.95 C 4D**

Interlux Viny-Lux® Primewash Base/Reducer

A self-etching primer designed for use on bare metal, to obtain the optimum adhesion of primers and finish paints. Dries very quickly.

409260 (Y353/354)	Gallon	**$85.95 C 2D**
409272 (Y353/354)	Quart	**$55.95 C 6D**
409265 (Y353)	Gallon - Vinyl-Lux Solvent	**$59.95 C**
409638 (Y355)	Quart - Vinyl-Lux Solvent	**$12.95 C 6D**
409268 (Y354)	Pint - Vinyl-Lux Solvent	**$26.95 C**

Interlux

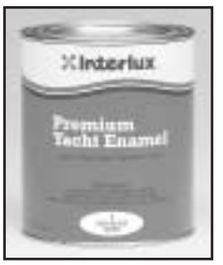
Interlux Brightside Polyurethane

Most technically advanced one-part polyurethane topside finish for fiberglass, wood, steel and aluminum. Flows on smoothly and evenly, brush strokes disappear and dry to a durable, abrasion-resistant finish. It contains an advanced ultraviolet package that insures high gloss and color retention.



407040 (Y4152)	Yellow	Quart	**$29.95 C 6D**
407052 (Y4205)	Seattle Gray	Quart	**$29.95 C 6D**
407088 (Y4207)	Bristol Beige	Quart	**$29.95 C 6D**
407103 (Y4208)	Hatteras Off-White	Quart	**$29.95 C 6D**
407140 (Y4218)	Hatteras Off-White (1990)	Quart	**$29.95 C 6D**
407141 (Y4217)	Grand Banks Beige	Quart	**$29.95 C 6D**
407228 (Y4233)	Dusk Gray	Quart	**$29.95 C 6D**
407242 (Y4237)	Sundown Buff	Quart	**$29.95 C 6D**
407280 (Y4241)	Sapphire Blue	Quart	**$29.95 C 6D**
407329 (Y4247)	Sea Green	Quart	**$29.95 C 6D**
407343 (Y4248)	Fire Red	Quart	**$29.95 C 6D**
407367 (Y4250)	Steel Gray	Quart	**$29.95 C 6D**
407406 (Y4253)	Ocean Blue	Quart	**$29.95 C 6D**
407432 (Y4258)	Black	Quart	**$29.95 C 6D**
407456 (Y4259)	Blue-Glo White	Gallon	**$86.95 C 2D**
407468 (Y4259)	Blue-Glo White	Quart	**$27.95 C 6D**
407583 (Y4316)	Dark Blue	Quart	**$29.95 C 6D**
407709 (Y4351)	Light Blue	Quart	**$29.95 C 6D**
407711 (Y4353)	Medium Blue	Quart	**$29.95 C 6D**
407723 (Y4359)	White	Gallon	**$86.95 C 2D**
407735 (Y4359)	White	Quart	**$27.95 C 6D**
407761 (Y4360)	Matterhorn White	Quart	**$27.95 C 6D**
407800 (Y4381)	Off-White	Quart	**$27.95 C 6D**
408915 (Y4279)	Pre-Kote Primer White	Gallon	**$70.95 C 2D**
408927 (Y4279)	Pre-Kote Primer White	Quart	**$21.95 C 6D**
408941 (Y4280)	Pre-Kote Primer Gray	Quart	**$21.95 C 6D**

Interlux



Interlux Premium Yacht Enamel

It is a fast drying, high quality topside finish. It has superior hiding characteristics and adhesion to properly prepared surfaces. Good gloss and color retention.

406505 (Y1)	High Intensity Gloss White	Gallon	**$63.95 C 2D**
406517 (Y1)	High Intensity Gloss White	Quart	**$20.95 C 6D**
406769 (Y232)	Gunmetal Gray	Gallon	**$58.95 C 2D**

Interlux Thinners



Interlux Fiberglass Solvent Wash
Used to remove mold release agents, wax, oil and grease from the hulls of bare fiberglass boats. It is also an effective paint brush cleaner.

409309 (Y202) Gallon **$35.95 C 4D**
409311 (Y202) Quart **$12.95 C 6D**



Interlux Reducing Solvent
A fast evaporating solvent to be used in specific products.

409548 (Y2316N) Gallon **$33.95 C 4D**
409549 (Y2316N) Quart **$11.95 C 6D**



Interlux Viny-lux Solvent
Proper thinner for reducing Viny-Lux Primewash, VC Offshore and Baltoplate antfoulings to ease brushing and for spraying. For cleaning brushes and spray equipment when any viny-lux product is used.

409638 (Y355) Quart **$12.95 C 6D**

Interlux



Interlux Brushing Solvent
Special solvent reducer for flow and leveling enhancement. A slow evaporating solvent to be used in specific products.

409587 (Y2333N) Quart **$17.95 C 6D**

Interlux



Interlux Brush-Ease
A slow drying solvent to ease brushing and rolling and improve flow. It is not an all purpose solvent.

409676 (Y433) Quart **$11.95 C 6D**



Interlux Special Thinner
A fast evaporating solvent which, when added to specified paint coatings, improves drying in cold climates and facilitates spray application. Also recommended for removing sanding residue from hull bottoms, wiping bare aluminum clean and for the general clean up of paint equipment.

409373 (Y216) Gallon **$24.95 C 4D**
409397 (Y216) Quart **$10.95 C 6D**
409400 (Y216) Pint **$8.95 C 12D**

Interlux Brushing Liquid
Slow drying solvent to ease brushing and facilitate the flow of specified paint coatings. Extends drying in hot weather. Also recommended in various topside systems for removing sanding residue from fiberglass and wood surfaces.

409450 (Y333) Gallon **$28.95 C 4D**
409462 (Y333) Quart **$11.95 C 6D**
409474 (Y333) Pint **$8.95 C 12D**



Product	Brush Solvent	Spray Solvent	Clean-up Solvent
Perfection Polyurethane	2333N	2316N	2333N or 2316N
Toplac Silicone Copolymer	333	216	216
Brightside & Yacht Enamel	333	216	216
Interstain	333	N/A	333
Varnishes	333	216	216
Bottom Paints (Conventional)	216	216	216
Micron Extra, Micron CSC, Trilux 33, Trilux, Trilux II, Ultra	433	213	433 or 216
Fiberglass Bottomkote ACT	216	216	216
Micron Optima	6216	6216	Water
Fiberglass Bottomkote Aqua	6216	6216	Water
VC Offshore	355	355	355
VC 17m Extra, VC 17m	V172	V172	V172

These are only general requirements. Thinner quality and type vary depending upon temperature and specific application.

Interlux Specialty Products



Interlux Bilgekote
Enamel for bilges, wells and engine bases. A fast drying coating compounded for application to bilge areas.

411325 (YMA102)	Gallon	White	**$55.95 C 2D**
411326 (YMA102)	Quart	White	**$18.95 C 6D**
411327 (YMA100)	Gallon	Gray	**$55.95 C 4D**
411328 (YMA100)	Quart	Gary	**$18.95 C 6D**



Interlux Fiberglass Surface Prep

409323 (YMA601)	Quart	**$15.95 C 6D**
409335 (YMA601)	Gallon	**$57.95 C 4D**



Interlux Watertite Epoxy Filler
A two-part, easy to use, fast drying epoxy compound for filling holes and repairing scratches in gelcoat and fiberglass. It is especially recommended to fill gelcoat blisters below the waterline. It is recommended for use with the Interprotect Epoxy Barrier System or VC Tar2. It is an excellent fairing compound due to its unique two-phase cure, which gives a long easy-to-sand window. It can be applied to a thickness of 3/4" without sagging and its superior spreadability makes it an ideal glazing compound for filling small nicks and scratches.

404309 (YAV135)	Quart		**$26.95 C**
404323 (YAV135L)	Liter		**$44.95 C**



Interlux Intergrip No Skid Compound
Additive to deck enamels which provides sure footing to a slippery deck. A synthetic compound which is superior to natural grit compound due to its regular spherical shape which has much less tendency to collect dirt. Add to any paint to provide a no skid surface polymeric compound. Sold each.

409790 (Y2398c) Quart **$23.95 C 6D**



Interlux Interdeck
Interdeck provides an excellent slip-resistant finish with a tough polyurethane resin that protects decks against everyday wear and tear. It contains a fine aggregate and will apply easily to all substrates. Interdeck has a low-sheen finish to reduce sun glare.

409753 (YJB000)	White	Quart	**$28.95 C 6D**
409789 (YJF684)	Gray	Quart	**$28.95 C 6D**



Interlux Seam Compound
Designed to fill hull seams of wooden boat. Use White Y31 above the waterline and Brown Y30 below. Exhibits excellent adhesive qualities when applied over properly primed surfaces. Easily applied by putty knife.

410542 (Y30)	Brown (Below Waterline Only)	Quart	**$23.95 C 6D**
410579 (Y31)	White (Above Waterline Only)	Quart	**$25.95 C 6D**



Interlux Interfill Epoxy Filler
Interfill Epoxy Filler can be used above the waterline to the surface prior to applying topside finishes and can be used to fill pinholes between coats of two-part polyurethanes, due to its ability to trowel to a very line, smooth finish. Interfill Epoxy Filler can also be used below the waterline to fill blisters and as part of a keel fairing system.

410704 (YAV867) Liter Kit **$38.95 C 6D**



Interlux Interstrip
Designed specifically for the removal of antifouling paint from fiberglass, wood, steel and aluminum boats.

410352 (Y299E)	Gallon	**$59.95 C 4D**
410364 (Y299E)	Quart	**$21.95 C 6D**

International Intergard Filler Paste
A modified form of epoxy resin. Must be mixed equal parts. Putty like paste.

410819 (EAA201)	Filler B Paste	**$31.50 C 6D**
410833 (EAA200)	Filler A Paste	**$41.66 C 6D**

International Paint - Heavy Duty

Interlac 665
A one-part alkyd gloss finish for use in above water areas. A complete range of colors is available. Use thinner **412062** (GTA004).

412014	(CL4674H)	Blue Gloss	Gallon	**$43.50 D**
412018	(CLB000)	White Gloss	Gallon	**$48.05 D**
412019	(CLB000)	White Gloss	5 Gal.	**$232.75 D**
412022	(CLB134)	Yellow Gloss	Gallon	**$69.50 D**
412024	(CLB941)	Aircraft Blue Gloss	Gallon	**$62.60 D**
412026	(CLC287)	Signal Red Gloss	Gallon	**$69.50 D**
412030	(CLB295)	Ensign Red Gloss	Gallon	**$69.50 D**
412034	(CLC935)	Caribbean Blue Gloss	Gallon	**$53.80 D**
412036	(CLD260)	International Orange Gloss	Gallon	**$69.50 D**
412037	(CLE143)	Buff Gloss	Gallon	**$50.35 D**
412038	(CLF684)	Surf Gray Gloss	Gallon	**$48.20 D**
412040	(CLG609)	Dark Green Gloss	Gallon	**$53.80 D**
412042	(CLK724)	Storm Gray Gloss	Gallon	**$48.20 D**
412044	(CL71048)	Haze Gray Gloss	Gallon	**$40.00 D**
412046	(CLL274)	Red Oxide Gloss	Gallon	**$48.20 D**
412048	(CL71032)	Safety Blue Gloss	Gallon	**$51.80 D**
412050	(CLL549)	Signal Green Gloss	Gallon	**$50.20 D**
412052	(CLP462)	Alpine Green Gloss	Gallon	**$53.80 D**
412053	(CLT806)	Mid Graphite Gloss	Gallon	**$50.20 D**
412054	(CLY999)	Black Gloss	Gallon	**$33.90 D**

Interprime 198 Primer
An anti-corrosive primer for above water areas, including holds and internals. Overcoatable with alkyd, poly urethane, acrylic and other thermoplastic finishes. Use thinner **412063** (GTA007).

412057	(CPA098)	Primer Gray Multi-Purpose	Gallon	**$60.15 D**
412058	(CPA099)	Primer Red Multi-Purpose	Gallon	**$60.15 D**

Paint Aggregate
A non slip aggregate for deck systems.

412060	(GMA197)	Gallon		**$21.90 D**

Paint Thinners
A petroleum solvent used primarily as a thinner for conventional coatings.

412062	(GTA004)	Gallon		**$30.50 D**

An Aromatic hydrocarbon used in alkyd primers, chlorinated rubber coatings, and some epoxies.

412063	(GTA007)	Gallon		**$37.50 D**

An aromatic/glycol ether/ketone blend used in epoxies, vinyls and zincs.

412065	(GTA220)	Gallon		**$44.50 D**

Interlac 800
A single component, high solids, low voc, silicone alkyd finish, providing superior performance to unmodified alkyd finishes. Excellent color and gloss retention. Use thinner **412063** (GTA007).

412068	(80010/1)	White Silicone	Gallon	**$105.56 D**
412074	(80002/1)	Black Silicone	Gallon	**$108.86 D**
412080	(800/87426)	Gunmetal Gray	Gallon	**$110.30 D**

Intertuf 262
A universal anti-corrosive for use on underwater hulls, internal areas and above water areas. A two part epoxy anti-corrosive, surface tolerant. Self priming, low voc. Low temperature cure capability. Use thinner GTA415.

412083	(KHA302/1)	Light Gray - Anti-Corrosive	Gal.	**$54.80 D**
412084	(KHA302/5)	Light Gray - Anti-Corrosive	5 Gal.	**$266.30 D**
412087	(KHA303/1)	Red - Anti-Corrosive	Gal.	**$54.75 D**
412088	(KHA303/5)	Red - Anti-Corrosive	5 Gal.	**$266.30 D**
412091	(KHA304/5)	Black - Anti-Corrosive	5 Gal.	**$266.30 D**
412093	(KHA305/5)	Buff - Anti-Corrosive	5 Gal.	**$266.30 D**
412078	(KHA062)	Converter/Curing Agent		**$52.70 D**

Intergard 264
A universal anti-corrosive for use on underwater hulls, above water areas, internal areas. A two-part, selfpriming, surface tolerant epoxy with low semigloss finish.

412094	(FPL274/5)	Red Epoxy	5 Gallon	**$379.80 D**
412096	(FPJ034/5)	Light Gray Epoxy	5 Gallon	**$379.76 D**
412097	(FPY999/5)	Black Epoxy	5 Gallon	**$379.76 D**

Intelux Sea Jacket Paint
Modified epoxy hard bottom paint for seasonal use.

412098	(N544)	Blue	Gallon	**$120.00 E**

Epifanes Yacht Coatings



Epifanes Clear Varnish
Considered the ultimate in a high gloss finish. Based on tung oil, phenolic- modified alkyd resins and maximum U.V. absorbers. Outstanding protection for all marine and household woods and can be applied to interior and exterior woods above the waterline. It offers superior flow and durability. In addition it has excellent flexibility and water resistance in all climate conditions.

411859 (CV500) 500 ml **$18.95 E**
411861 (CV1000) 1000 ml **$34.95 E**

Epifanes Rapidcoat
Offers quick and easy wood protection without the hassle of sanding between coats. Almost identical to its companion product, Rapidclear, the only difference is that Rapidcoat is lightly tinted giving the finish a rich warm color. It's a one-component wood finish based on a modified alkyd/urethane resin. Can be used for renewing weathered areas prior to applying a varnish system or as a full system for those requiring a quick and easy semi-gloss finish with maximum durability, U.V. protection and longevity. Rapidcoat provides an enhancing coat that bonds extremely well to teak and other oily woods, preventing discoloration and emphasizing the natural grain of the wood. It has great water resistance and flexibility. Only four to five coats need to be applied under most conditions and Rapidcoat can be applied every 5-6 hours.

411885 (RC750) 750 ml **$34.95 E**

Epifanes Wood Finish Gloss
The ultimate varnish alternative without sanding. It is based on phenolic-modified resins and tung oil with microscopic porosity properties. Specifically formulated for oily woods like teak and iroco, it has an ultra high gloss finish. Its color is clear amber. It has excellent flow, gloss and durability and offers grate flexibility and water resistance in all weather conditions.

411900 (WFG1000) 1000 ml **$36.95 E**

Epifanes Rubbed Effect Varnish
A one-component interior varnish based on urethane alkyd resins, gives a rich clear amber satin finish. Can also be applied directly to bare wood, to any interior softwood or hardwood and is highly recommended for cabin sole, doors and trim. Its hard satin finish has good scratch and scuff resistance and is impervious to most onboard chemicals.



411873 (RE1000) 1000 ml **$38.95 E**

Epifanes Rapidclear
Offers quick and easy wood protection without the hassle of sanding between coats. It's a one-component clear wood finish based on modified alkyd/ urethane resin. Can be used for renewing weathered areas prior to applying a varnish system or as a fully system for those requiring a quick and easy semi-gloss finish with maximum durability, U.V. protection and longevity. Rapidclear provides an enhancing coat that bonds extremely well to teak and other oily woods, preventing discoloration and emphasizing the natural grain of the wood. It has great water resistance and flexibility. Only four to five coats need to be applied under most conditions and Rapidclear can be applied every 5-6 hours.

411897 (RCC750) 750 ml **$34.95 E**

Epifanes Wood Finish Matte
The companion product to Wood Finish Gloss, offers a no sanding solution in a matte finish. It's a one-component varnish alternative based on urethane alkyd resins and tung oil and contains U.V. absorbers. Specifically formulated for oily woods like teak and iroco. Its finish is a rich matte with a clear amber color and has the appearance of being hand-rubbed. It offers superior flow and durability and excellent scratch resistance and exterior weather resistance.

411912 (WFM1000) 1000 ml **$44.95 E**

AWLGRIP® AWLMIX® Color Matching System



AWLGRIP® AWLMIX® Color Matching System
As an Awlmix distributor, Donovan Marine provides a color matching service for most Awlgrip or Awlcraft 2000 topcoat colors, including special requests for custom colors.

We request any new formulation from Awlgrip on your behalf and we are able to mix and match most existing formulations. By using the Awlmix software provided by Awlgrip, you can be assured we will always have the most current formulations with an extensive choice of colors created by world-wide demand from builders and boat owners. The number of formulations in this database grows every month and the input from Awlgrip color chemists is crucial, as each formulation entered is thoroughly reviewed and quality controlled to provide the formulation with the greatest consistency for our day to day operation. We can access this information 24/7, all in order to speed up delivery to you.

What will Awlmix do for you?
- Improved service through an added choice of color selection.
- Greater ability to meet increasing customer demand of custom made colors, especially for the OEM or multi-production market.
- Capability to match 48 colors on the Awlcraft® 2000 metallic color card.
- Opportunity to provide the color that your customer needs.

Awlgrip continues to be the premium choice of topsides finishes world-wide. Using the Awlmix system to blend Awlgrip and Awlcraft 2000 topcoat colors on site shortens the lead time. Color access is now far beyond the traditional yacht and aerospace paint supplier.

All colors will be shipped from our Clearwater facility with the corresponding shipping times and fees.

507941 Gallon **$578.95 L**
507953 Quart **$188.95 L**

AWLGRIP® Topcoat

Premium Polyester Urethane

- Easy application by brush, roller or spray.
- Excellent abrasion and chip resistance.
- Excellent distinction of image.
- Excellent chemical resistance.
- Excellent gloss retention.
- For use above waterline only.
- Excellent fade resistance.
- 1:1 mix.

STOCK COLORS

All topcoats are packaged 4 Quarts/Gallons per case.

509577	(G1001)	Gal.	Light Gray	**$329.95 L**
509589	(G1001)	Qt.	Light Gray	**$109.95 L**
509591	(G1007)	Gal.	Medium Gray	**$329.95 L**
509604	(G1007)	Qt.	Medium Gray	**$109.95 L**
509628	(G1008)	Qt.	Pearl Gray	**$109.95 L**
509654	(G1359)	Gal.	Kingston Gray	**$345.95 L**
509666	(G1359)	Qt.	Kingston Gray	**$115.95 L**
509692	(G2017)	Gal.	Super Jet Black	**$351.95 L**
509705	(G2017)	Qt.	Super Jet Black	**$116.95 L**
509820	(G5001)	Gal.	Navy Blue	**$401.95 L**
509832	(G5001)	Qt.	Navy Blue	**$133.95 L**
509844	(G5002)	Gal.	Flag Blue	**$382.95 L**
509856	(G5002)	Qt.	Flag Blue	**$127.95 L**
509868	(G5003)	Gal.	Aristo Blue	**$382.95 L**
509870	(G5003)	Qt.	Aristo Blue	**$127.95 L**
509882	(G5007)	Gal.	Royal Blue	**$382.95 L**
509894	(G5007)	Qt.	Royal Blue	**$127.95 L**
509898	(G5014)	Gal.	Sky Blue	**$401.95 L**
509900	(G5014)	Qt.	Sky Blue	**$127.95 L**
509919	(G6004)	Qt.	Moon Dust	**$117.95 L**
509921	(G7214)	Gal.	Sunfast Red	**$503.95 L**
509933	(G7214)	Qt.	Sunfast Red	**$167.95 L**
509957	(G7305)	Qt.	Claret	**$167.95 L**
509971	(G7362)	Qt.	International Orange	**$159.95 L**
509983	(G7367)	Gal.	Vivid Red	**$463.95 L**
509995	(G7367)	Qt.	Vivid Red	**$159.95 L**
510001	(G8003)	Gal.	Matterhorn White	**$260.95 L**
510013	(G8003)	Qt.	Matterhorn White	**$92.95 L**
510025	(G8004)	Gal.	Vestal White	**$339.95 L**
510037	(G8004)	Qt.	Vestal White	**$113.95 L**
510063	(G8009)	Gal.	Off-White Revisited	**$323.95 L**
510075	(G8009)	Qt.	Off-White Revisited	**$107.95 L**
510080	(G8010)	Gal.	Off White	**$294.95 L**
510099	(G8010)	Qt.	Off White	**$107.95 L**
510102	(G8022)	Gal.	Insignia White	**$312.95 L**
510114	(G8022)	Qt.	Insignia White	**$107.95 L**
510126	(G8035)	Gal.	Whisper Gray	**$329.95 L**
510138	(G8035)	Qt.	Whisper Gray	**$109.95 L**
510140	(G8044)	Gal.	Snow White	**$260.95 L**
510152	(G8044)	Qt.	Snow White	**$92.95 L**
510164	(G8089)	Gal.	Cloud White	**$294.95 L**
510176	(G8089)	Qt.	Cloud White	**$107.95 L**
510188	(G8212)	Gal.	Blue Tone White	**$328.95 L**
510190	(G8212)	Qt.	Blue Tone White	**$113.95 L**
510239	(G9093)	Qt.	Fighting Lady Yellow	**$133.95 L**
510253	(G9298)	Qt.	Federal Yellow	**$142.95 L**
510277	(H1021)	Qt.	Bright Aluminum	**$131.95 L**
510291	(H1048)	Qt.	Silver	**$131.95 L**
510366	(H4024)	Gal.	Dark Green	**$421.95 L**
510378	(H4024)	Qt.	Dark Green	**$140.95 L**
510380	(H4089)	Gal.	Jade Mist Green	**$421.95 L**
510392	(H4089)	Qt.	Jade Mist Green	**$140.95 L**
510417	(H4094)	Qt.	Forrest Green	**$147.95 L**
510429	(H4256)	Gal.	Sea Foam	**$442.95 L**
510431	(H4256)	Qt.	Sea Foam	**$147.95 L**
510455	(H4365)	Qt.	Aqua Mist	**$140.95 L**
510467	(H5004)	Gal.	Ice Blue	**$401.95 L**
510479	(H5004)	Qt.	Ice Blue	**$133.95 L**
510493	(H5409)	Qt.	Majestic Blue	**$127.95 L**
510518	(H7161)	Qt.	Toreador Red	**$159.95 L**
510544	(H8002)	Gal.	Cream	**$353.95 L**
510556	(H8002)	Qt.	Cream	**$116.95 L**
510568	(H8015)	Gal.	Egg Shell White	**$353.95 L**
510570	(H8015)	Qt.	Egg Shell White	**$117.95 L**
510582	(H8087)	Gal.	Fleet White	**$339.95 L**
510594	(H8087)	Qt.	Fleet White	**$113.95 L**
510607	(H8139)	Gal.	Oyster White	**$294.95 L**
510619	(H8139)	Qt.	Oyster White	**$107.95 L**
510621	(H8208)	Gal.	Stark White	**$308.95 L**
510633	(H8208)	Qt.	Stark White	**$107.95 L**
510637	(H8215)	Qt.	Mahogany White	**$99.95 L**
510639	(H8215)	Gal.	Mahogany White	**$284.95 L**
510645	(H9178)	Qt.	Cordavan Gold	**$229.95 L**
510657	(H9182)	Qt.	Pale Gold	**$229.95 L**

AWLGRIP® Converters

509755	(G3010)	Gallon	AWL-CAT #2 (Spray)	**$274.95 L**
509779	(G3010)	Quart	AWL-CAT #2 (Spray)	**$91.95 L**
509767	(G3010)	Pint	AWL-CAT #2 (Spray)	**$66.95 L**
510328	(H3002)	1/2 Gal.	AWL-CAT #3 (Brushing)	**$228.95 L**
510330	(H3002)	Pint	AWL-CAT #3 (Brushing)	**$76.95 L**

Mixing Ratio

AWL-CAT #2	**Spray**	**1 to 1**
AWL-CAT #3	**Brushing**	**2 to 1**

AWLGRIP® Reducers

510835	(T0001)	Gal.	Fast Evaporating (Spraying)	**$78.95 L**
510847	(T0001)	Qt.	Fast Evaporating (Spraying)	**$27.95 L**
510859	(T0002)	Gal	Very Fast Evap. Reducer/Equip CLNR	**$71.95 L**
510873	(T0003)	Gal.	Standard Reducer (Spraying)	**$71.95 L**
510885	(T0003)	Qt.	Standard Reducer (Spraying)	**$27.95 L**
510900	(T0005)	Qt.	Slow-Hot Weather Retarder	**$43.95 L**
510986	(T0031)	Gal.	Slow Drying Reducer (Brushing)	**$99.95 L**
510998	(T0031)	Qt.	Slow Drying Reducer (Brushing)	**$32.95 L**

AWLCRAFT® 2000 Topcoat



Premium Acrylic Urethane

- Super flow out and high gloss.
- Fast drying to reduce dust entrapment.
- For use above waterline only.
- Ease of application.
- Spray application only.
- 2:1 mix.

STOCK COLORS

All topcoats are packaged 4 Quarts/Gallons per case.

508676 (F1007)	Gal.	Light Gray	**$329.95 L**
508688 (F1007)	Qt.	Light Gray	**$96.95 L**
508690 (F1009)	Gal.	Kingston Gray	**$305.95 L**
508703 (F1009)	Qt.	Kingston Gray	**$101.95 L**
508715 (F1010)	Gal.	Medium Gray	**$285.95 L**
508727 (F1010)	Qt.	Medium Gray	**$96.95 L**
508739 (F1182)	Gal.	Graystone	**$334.95 L**
508741 (F1182)	Qt.	Graystone	**$99.95 L**
508765 (F1195)	Qt.	Silver	**$131.95 L**
508777 (F1196)	Gal.	Pearl Gray	**$318.95 L**
508789 (F1196)	Qt.	Pearl Gray	**$105.95 L**
508828 (F1206)	Qt.	Bright Aluminum	**$124.95 L**
508854 (F2091)	Gal.	Super Jet Black	**$351.95 L**
508866 (F2091)	Qt.	Super Jet Black	**$116.95 L**
508905 (F4101)	Qt.	Sea Foam Green	**$147.95 L**
508929 (F4105)	Qt.	Forest Green	**$147.95 L**
508931 (F4114)	Gal.	Jade Mist Green	**$407.95 L**
508943 (F4114)	Qt.	Jade Mist Green	**$140.95 L**
508967 (F4121)	Qt.	Dark Green	**$140.95 L**
509123 (F6102)	Qt.	Moon Dust	**$117.95 L**
509250 (F8015)	Gal.	Blue Tone White	**$341.95 L**
509274 (F8016)	Gal.	Cream	**$353.95 L**
509286 (F8016)	Qt.	Cream	**$116.95 L**
509298 (F8017)	Gal.	Egg Shell White	**$353.95 L**
509301 (F8017)	Qt.	Egg Shell White	**$117.95 L**
509337 (F8020)	Gal.	Off White	**$294.95 L**
509349 (F8020)	Qt.	Off White	**$107.95 L**
509351 (F8024)	Gal.	Matterhorn White	**$279.95 L**
509363 (F8024)	Qt.	Matterhorn White	**$102.95 L**
509375 (F8063)	Gal.	Snow White	**$279.95 L**
509387 (F8063)	Qt.	Snow White	**$102.95 L**
508993 (F5010)	Gal.	Aristo Blue	**$382.95 L**
509008 (F5010)	Qt.	Aristo Blue	**$127.95 L**
509010 (F5011)	Gal.	Royal Blue	**$382.95 L**
509022 (F5011)	Qt.	Royal Blue	**$127.95 L**
509034 (F5014)	Gal.	Flag Blue	**$382.95 L**
509046 (F5014)	Qt.	Flag Blue	**$127.95 L**
509058 (F5021)	Gal.	Ice Blue	**$401.95 L**
509072 (F5028)	Gal.	Navy Blue	**$387.95 L**
509084 (F5028)	Qt.	Navy Blue	**$133.95 L**
509096 (F5275)	Gal.	Majestic Blue	**$382.95 L**
509109 (F5275)	Qt.	Majestic Blue	**$127.95 L**
509147 (F7029)	Qt.	Claret	**$167.95 L**
509159 (F7200)	Gal.	Vivid Red	**$479.95 L**
509161 (F7200)	Qt.	Vivid Red	**$159.95 L**
509185 (F7232)	Qt.	Toreador Red	**$159.95 L**
509212 (F7242)	Gal.	Sunfast Red	**$503.95 L**
509224 (F7242)	Qt.	Sunfast Red	**$167.95 L**
509399 (F8150)	Gal.	Insignia White	**$323.95 L**
509402 (F8150)	Qt.	Insignia White	**$107.95 L**
509414 (F8155)	Gal.	Stark White	**$308.95 L**
509426 (F8155)	Qt.	Stark White	**$107.95 L**
509438 (F8166)	Gal.	Off-White Revisited	**$323.95 L**
509440 (F8166)	Qt.	Off-White Revisited	**$107.95 L**
509452 (F8185)	Gal.	Fleet White	**$339.95 L**
509464 (F8185)	Qt.	Fleet White	**$113.95 L**
509476 (F8215)	Gal.	Cloud White	**$323.95 L**
509488 (F8215)	Qt.	Cloud White	**$107.95 L**
509490 (F8222)	Gal.	Oyster White	**$294.95 L**
509503 (F8222)	Qt.	Oyster White	**$107.95 L**
509515 (F9120)	Gal.	Fighting Lady Yellow	**$399.95 L**
509527 (F9120)	Qt.	Fighting Lady Yellow	**$133.95 L**
509553 (F9145)	Qt.	Pale Gold	**$211.95 L**
509565 (F9147)	Qt.	Cordavan Gold	**$229.95 L**

AWLGRIP® Converters

509755 (G3010)	Gallon	AWL-CAT #2 (Spray)	**$274.95 L**
509779 (G3010)	Quart	AWL-CAT #2 (Spray)	**$91.95 L**
509767 (G3010)	Pint	AWL-CAT #2 (Spray)	**$66.95 L**

AWLGRIP® Reducers

510835 (T0001)	Gal.	Fast Evaporating (Spraying)	**$78.95 L**
510847 (T0001)	Qt.	Fast Evaporating (Spraying)	**$27.95 L**
510859 (T0002)	Gal	Very Fast Evap. Reducer/Equip CLNR	**$71.95 L**
510873 (T0003)	Gal.	Standard Reducer (Spraying)	**$71.95 L**
510885 (T0003)	Qt.	Standard Reducer (Spraying)	**$27.95 L**
510900 (T0005)	Qt.	Slow-Hot Weather Retarder	**$43.95 L**

AWLGRIP®

Clear Topcoat Bases

- Easy application by brush, roller or spray.
- Provides resin rich, crystal clear finish.
- Excellent chemical & abrasion resistance.
- Minimizes dirt pick-up, eases cleaning.
- Not recommended over whites or light pastel colors.
- Not recommended for direct application to bare wood.

508878 (F3029)	Gallon	AWLCRAFT 2000 Clear	**$242.95 L**
508880 (F3029)	Quart	AWLCRAFT 2000 Clear	**$80.95 L**
509731 (G3005)	Gallon	AWLGRIP High Gloss Clear	**$247.95 L**
509743 (G3005)	Quart	AWLGRIP High Gloss Clear	**$82.95 L**
510734 (M3131)	Gallon	AWLSPAR Classic Spar Varnish	**$132.95 L**
510758 (M3131)	Quart	AWLSPAR Classic Spar Varnish	**$47.95 L**

Reduce with T0016

510772 (M3146)	Quart	AWLSPAR H.S. High Solids Marine Varnish	**$62.95 L**
510760 (M3146)	Pint	AWLSPAR H.S. High Solids Marine Varnish	**$29.95 L**

Reduce with T0180

510669 (J3005)	Gallon	AWLBRITE Plus Clear Base	**$299.95 L**
510671 (J3005)	Quart	AWLBRITE Plus Clear Base	**$90.95 L**



Topcoat Converters

509755 (G3010)	Gallon	AWL-CAT #2 (Spray)	**$274.95 L**
509779 (G3010)	Quart	AWL-CAT #2 (Spray)	**$91.95 L**
509767 (G3010)	Pint	AWL-CAT #2 (Spray)	**$66.95 L**
510328 (H3002)	1/2 Gal.	AWL-CAT #3 (Brushing)	**$228.95 L**
510330 (H3002)	Pint	AWL-CAT #3 (Brushing)	**$76.95 L**
510683 (J3006)	1/2 Gal.	AWL-Brite Plus Converter	**$250.95 L**
510695 (J3006)	Pint	AWL-Brite Plus Converter	**$75.95 L**

AWLPREP Surface Cleaner - T0008

Use Awlprep Surface Cleaner to wipe down final primed or topcoated surfaces before and after sanding. A mild surface cleaner and degreaser that will remove hand oils, light grease and other light surface contaminants. It has a "drying" effect which removes latent moisture from the surface, which can cause a gloss finish to come out flat. Use the two rag method to effectively clean with this product, to get rid of all the containments on the surface of your project.

510950 (T0008) Gallon **$63.95 L**

AWLPREP Plus Wax and Grease Remover - T0115

A medium-fast evaporating, strong, solvent designed to remove waxes, oils, and greases commonly found on painted surfaces, new or aged gelcoat, aluminum, or steel. Use before and after sanding the substrate prior to priming.

511041 (T0115) Gallon **$69.95 L**

AWLPREP 400 Wipe Down Solvent - T0170

Final wipe down product similar to T0008, its five times slower than T0008 and can be used in hot weather. This product is also good for removing tape residue.

511077 (T0170)	Gallon	**$57.95 L**
511089 (T0170)	Quart	**$15.95 L**

Topcoat Reducers

508171 (A0031)	Gal.	Awl Brite Plus Reducer	**$168.95 L**
508183 (A0031)	Pt.	Awl Brite Plus Reducer	**$34.95 L**
510835 (T0001)	Gal.	Fast Evaporating (Spraying)	**$78.95 L**
510847 (T0001)	Qt.	Fast Evaporating (Spraying)	**$27.95 L**
510859 (T0002)	Gal	Very Fast Evap. Reducer/Equip CLNR	**$71.95 L**
510873 (T0003)	Gal.	Standard Reducer (Spraying)	**$71.95 L**
510885 (T0003)	Qt.	Standard Reducer (Spraying)	**$27.95 L**
510900 (T0005)	Qt.	Slow-Hot Weather Retarder	**$43.95 L**
510974 (T0016)	Qt.	AWL-SPAR Spar Varnish Reducer	**$26.95 L**
511104 (T0180)	Qt.	AWL-SPAR High Gloss Solid Varnish	**$37.95 L**
510986 (T0031)	Gal.	Slow Drying Reducer (Brushing)	**$99.95 L**
510998 (T0031)	Qt.	Slow Drying Reducer (Brushing)	**$32.95 L**

ALUMIPREP 33 Cleaner, Brightener

It is a non-flammable phosphoric acid based cleaner, brightener and pre-paint conditioner for aluminum. Should not be used on high copper bearing aluminum alloys or aluminum castings. Cleaning with Alumiprep 33 produces a chemically clean and corrosion free aluminum surface. The solution is cut 1 part Alumiprep 33 to (2) 5 parts of water depending on condition of the aluminum. It is the recommended cleaner to prepare the surface for treatment with Alodine 1201.

508018 (73001) Gallon	**$106.95 L**
508020 (73001) Quart	**$55.95 L**

ALODINE 1201 Chrome Conversion Coating

Chrome conversion coating for aluminum. Alodine 1201 is a non-flammable, chromic acid based, coating chemical that will produce a chrome conversion coating on aluminum and its alloys. The coating formed by Alodine 1201 is gold to tan in color and it becomes a part of the aluminum surface. This chrome conversion coating provides an excellent substrate for paint adhesion and corrosion resistance. This product can be used at full strength; no dilution is necessary. Apply Alodine 1201 to a surface that has been cleaned with Alumiprep 33.

508032 (73003) Gallon	**$113.95 L**
508044 (73003) Quart	**$59.95 L**

AWLGRIP® Primers

AWL-QUIK Epoxy Primer/Surfacer (Yellow Base)
An excellent adhesion to properly prepared aluminum, fiberglass or wood. It is a fast dry/fast recoat material that sands very well. Easy to apply by brush, roller or spray. It is reduced with T0006 for spray or T0031 for brush/roller. For use above waterline only. Water resistance is greatly improved when sealed with 545 Epoxy Primer before topcoating. Mix ration 1:1.

508525 (D8003)	Gallon	Base	**$185.95 L**
508537 (D8003)	Quart	Base	**$64.95 L**
508638 (D9001)	Gallon	Converter	**$185.95 L**
508640 (D9001)	Quartt	Converter	**$64.95 L**

Ultra-Build Epoxy Primer (White Base)
A two component epoxy primer with excellent sag resistance and excellent film build/filling capability. For use where high build and filling is required above the waterline. Spray application only - requires pressure feed equipment. Reduce with T0073. For use above waterline only. Mix ratio 1:1.

508373 (D3018)	Gallon	Converter	**$195.95 L**



HullGard Epoxy Primer
Ideal for priming surfaces above and below the waterline. It has outstanding resistance to salt and fresh water and offers excellent corrosion protection. Superb adhesion and water barrier properties to properly prepared fiberglass, steel, aluminum and wood. The product also acts as a great adhesion promoter for Awlfair LW fairing compound.

508405 (D3707)	Quart	Converter	**$40.95 L**

Epoxy Sprayable Fairing Compound
A two component epoxy filler with excellent sag resistance, excellent film build capability and is easy to sand. When un-reduced it can be applied by trowel to small nicks and pinholes. Use spray application only - requires pressure feed equipment. Reduce with T0006. For use above waterline only. Heavy film may have to cure 3-4 days before hard enough to sand. Use for full panels only - not for spot repairs. Mix ration 1:1.

508412 (D6001)	Gallon	Base	**$189.95 L**
508361 (D3011)	Gallon	Converter	**$189.95 L**

High Build Epoxy Primer
D9002 has slightly better anti-corrosive characteristics than D8002. It sands well, but has a very hard film. This primer is excellent as the first product applied over a base primer in fairing projects. It's hard film prevents sand troughs eliminating the need to re-primer or re-prep in those areas. High Build is relatively slow drying, but can be recoated with itself in four hours. Spray application only - requires pressure feed equipment. For use above waterline only. Mix ratio 1:1.

508501 (D8002)	Gallon	Off White Base	**$162.95 L**
508513 (D8002)	Quart	Off White Base	**$59.95 L**
508652 (D9002)	Gallon	Yellow Base	**$170.95 L**
508664 (D9002)	Quart	Yellow Base	**$59.95 L**
508347 (D3002)	Gallon	Converter	**$155.95 L**
508359 (D3002)	Quart	Converter	**$60.95 L**
508400 (D3044)	Gallon	VOC Exempt Converter	**$145.00 L**

AWL-FAIR L.W. Fairing Compound
A premium trowelable product for fairing, leveling or smoothing surface imperfections due to gouges, pitting, seams. Super smooth finish and easy sanding. Suitable for both manual and automatic mixing. May be used above or below the waterline.

508628 (D8200)	2 Gallons	L.W. White Base	**$335.95 L**
508630 (D8200)	Gallon	L.W. White Base	**$162.95 L**
508632 (D8200)	Quart	L.W. White Base	**$63.95 L**
508476 (D7200)	2 Gallons	Red Converter	**$335.95 L**
508478 (D7200)	Gallon	Red Converter	**$162.95 L**
508480 (D7200)	Quart	Red Converter	**$61.95 L**
508482 (D7222)	Gallon	Red Converter (Fast)	**$162.95 L**
508484 (D7222)	Quart	Red Converter (Fast)	**$63.95 L**

AWL-FAIR L.W. EU Fairing Compound
100% solids epoxy formula, minimizes shrinkage. Awl-Fair is a creamy smooth material but has excellent sag resistance and infinite film thickness. It has 10 to 20 minute pot life for glaze work and 30 minute pot life for heavy filling. Do not add thinners or reducers to Awl-Fair. Mix ratio 1:1.

508296 (D1019)	Gallon	L.W. Thick White Base	**$188.95 L**
508436 (D7007)	Gallon	Red Converter	**$162.95 L**
508448 (D7007)	Quart	Red Converter	**$63.95 L**
508474 (D7010)	Quart	Red Converter (Fast)	**$63.95 L**



545 Anti-Corrosive Epoxy Primer
A two component epoxy primer with outstanding corrosion and adhesion properties for steel, aluminum, wood and fiberglass substrates. It is also used to seal filler primers and fairing work before applying topcoats. It can be used above or below the waterline. 545 has a relatively low build, 2 to 3 mils DFT and is slow drying - requires overnight cure to recoat. Apply by spray or brush/roller. Reduce with T0006 to spray. Reduce with T0031 for brush/roller application. 545 can be accelerated with Cold Cure (M3066). Gray (D1001) rolls/brushes better than white. Mix ration 1:1.

508260 (D1001)	Gallon	Gray Base	**$148.95 L**
508272 (D1001)	Quart	Gray Base	**$58.95 L**
508486 (D8001)	Gallon	White Base	**$148.95 L**
508498 (D8001)	Quart	White Base	**$52.95 L**
508323 (D3001)	Gallon	Converter	**$139.95 L**
508335 (D3001)	Quart	Converter	**$49.95 L**

AWLGRIP® Special Purpose Primers



Zinc Chromate Wash Primer
Designed to promote adhesion by uniformly etching the aluminum, steel or anodized aluminum substrate. Not to be used below the waterline. 0.2 - 0.5 mils DFT. Recoat after a 30 minute to 6 hour cure time. Mix ration 1:1.

510203 (G9072)	Gallon	Yellow Base	**$199.95 L**
509806 (G3014)	Gallon	Converter	**$134.95 L**



Quick Grip Fast Dry White Urethane Primer
It is a fast drying primer. It is excellent for spot repairs or small parts. Mix ration 1:1. White base.

508551 (D8016)	Gallon	Base	**$240.95 L**
508385 (D3040)	Gallon	Converter	**$179.95 L**

30-Y-94 Anti-Corrosive Chromate Epoxy Primer
This epoxy primer has an excellent adhesion to steel and aluminum. For use above waterline only. Best performance is when applied over Alodine treatment. Fast drying - can be topcoated or overcoated in as little as two hours. Meets MIL-P-23377D. Sanding is not recommended due to low film thickness and strontium content. Mix ration 1:1.

510811 (S9001)	Gallon	Yellow Base	**$210.95 L**
510823 (S9001)	Quart	Yellow Base	**$69.95 L**
510784 (S3001)	Gallon	Converter	**$129.95 L**
510796 (S3001)	Quart	Converter	**$42.95 L**

Epoxy Primer Reducers

510924 (T0006)	Gallon	Standard Reducer	**$69.95 L**
510936 (T0006)	Quart	Standard Reducer	**$26.95 L**
511003 (T0073)	Gallon	Ultra Build Reducer	**$91.95 L**
511015 (T0073)	Quart	Ultra Build Reducer	**$29.95 L**
511027 (T0093)	Quart	Hull Gard E.R./W.B.	**$28.95 L**
511065 (T0163)	Gallon	Fast Evap VOC Compliant	**$83.95 L**

AWLSTAR Products



Awlstar Gold Label Antifouling Ablative Co-Polymer
Self-polishing action-the more you use the boat the smoother the finish. Excellent resistance to fouling. Multiple coat applications provide multi-season performance. Extended shelf life. No specific launch time. Apply by spray, roller or brush.

508195 (BP201)	Gallon	Charcoal Black	**$395.95 L**
508210 (BP401)	Gallon	Medium Green	**$408.95 L**
508222 (BP501)	Gallon	Light Blue	**$408.95 L**
508234 (BP502)	Gallon	Deep Blue	**$408.95 L**
508246 (BP701)	Gallon	Red	**$408.95 L**
511039 (T0101)	Quart	Antifouling Reducer	**$29.95 L**



Hull-Gard (Extended Recoat) Epoxy Primer Kits
Come in gallon and quarts kits. Offers excellent corrosion protection. Can be recoated as soon as the solvent evaporates, even at low temperatures. Excellent aged recoated as soon as the solvent evaporates, even at low temperatures. Excellent aged recoat ability. For use below the water line only. Apply by spray, roller or brush.

508602 (D8022)	Gallon Kit	**$141.95 L**
508614 (D8022)	Quart Kit	**$47.95 L**

Hull-Gard (Water Barrier) Epoxy Barrier Coat Kit
Comes in gallon kits only. Comes in both black and white colors. Outstanding resistance to both salt and fresh water. Can be recoated as soon as tack free. For use below the water line only. Apply by spray, roller or brush.

508311 (D2007)	Gallon	Black Base	**$141.95 L**

AWLGRIP® Auxiliary Products



AWLGRIP Additives

508107	(73014)	2 oz.	Pro-Cure X98 Accelerator	**$20.95 L**
508119	(73015)	2 oz.	Pro-Cure X138 Accelerator	**$20.95 L**
509781	(G3013)	Gallon	Flattening Agent	**$201.95 L**
509793	(G3013)	Quart	Flattening Agent	**$66.95 L**
510708	(M1017)	Pint	Crater-X Anti-Cratering Solution	**$86.95 L**
510722	(M3066)	Pint	Cold Cure Accelerator for 545	**$34.95 L**

GRIPTEX Non Skid Additive

Griptex Non Skid gives Awlgrip and Awlcraft 2000 Topcoats a non-skid texture for deck and step areas.

508068	(73012)	Quart	Fine Grit	**$52.95 L**
508070	(73012)	Gallon	Fine Grit	**$157.95 L**
508094	(73013)	Gallon	Coarse Grit	**$171.95 L**
508082	(73013)	Quart	Coarse Grit	**$54.95 L**
508145	(73237)	Quart	Extra Coarse Grit	**$61.95 L**



Maintenance Products

508121	(73234)	Gallon	Wash Down Concentrate	**$64.95 L**
508133	(73234)	Quart	Wash Down Concentrate	**$23.95 L**
508157	(73240)	1/2 Gal.	Protective Polymer Sealant	**$75.95 L**
508169	(73240)	Pint	Protective Polymer Sealant	**$26.95 L**
508056	(73009)	4 Pack	Tack Rags	**$12.95 L**

AWL-COAT TPC

It is a water-based, temporary peelable coating that serves to protect surfaces from damage or contamination. Provides a tough film that guards against scuffing, abrasion and contamination such as overspray, acid rain, fly rust or sanding dust. May be applied over Awlgrip and Awlcraft 2000 Topcoats.

511154 (WP101) 5 Gallon **$704.95 L**

AWLGARD Interior Urethane

Comes in a 5-quart kit (3 quarts of base, 1 quart of converter and 1 quart of reducer). Goes over gel coat, lamination resin, fiberglass resin, aluminum or steel. Water reducible technology. Excellent gloss retention, with heat resistance to 180° F. Excellent solvent resistance to denatured alcohol, acetone, diesel fuel and anti-freeze. Apply by spray, roller or brush.

511130	(WT8203)	Gallon	Snow White	**$273.95 L**
511142	(WT8208)	Gallon	Cloud White	**$230.95 L**

Pettit Boot Top Paint

PETTIT marine paint



Pettit Boot Top Paint

Contrasting waterline stripes. Boot top colors are easy-brushing enamels in small convenient sizes. Used for boot tops, hull graphics and other accents. May also be sprayed, if desired.

737758	(8147HP) White	Half Pint	**$10.95 C 12D**
737772	(8216HP) Blue	Half Pint	**$10.95 C 12D**
737796	(8614HP) Red	Half Pint	**$10.95 C 12D**
737811	(8828HP) Black	Half Pint	**$10.95 C 12D**

Boot Stripe Tape



Boot Stripe Tape

Easy to apply. Weather and water resistant self- adhesive film with long lasting acrylic adhesives for extended decorative appearances. 50 ft. rolls.

460763	2" Blue	**$23.95 H**
460788	2" White	**$23.95 H**

Outboard Motor Spray Paint




Limited Availability on Tempo Spray Paints

Compare and Save

A complete line of marine spray paint, featuring color matches for popular makes and models of outboard motors and sterndrive motors. 12 oz. can. Standard pack 6.

Marpro Price Per Can **$6.95 H**
Tempo Price Per Can **$11.95 H 6K**

Marpro	DMI #	MFG #	OEM #	Color	Motor
Crusader					
6-6991	**805551**	6991	20859	Blue	
Johnson/Evinrude Motor Colors					
–	**805092**	6401	172756	White	1964-76
6-6954	**805319**	6954	173547	Light Blue (Metallic)	1978-87
6-6961	**805352**	6961	173744	White	1981-Present
Mercury Motor Colors					
6-1258	**805040**	1258	92-78373-12	Phantom Black	1960-Present
OMC Drive System Colors					
–	**805092**	6401	172756-D	White	1966-83
–	**805174**	6925	172748	Sail Drive White	1977-88
6-6979	**–**	6979	395127	Charcoal (Metallic)	1985-Present
Suzuki Motor Colors					
6-7040	**–**			Shadow Black	
6-7045	**–**			Charcoal Grey	
Volvo Motor Colors					
6-6930	**805205**	6930		Aquamatic White Enamel	1972-Present
–	**805525**	6988		250-270 Stern Drive Gray	1989-Present
Yamaha Motor Colors					
6-6969	**–**	6969	LUB-87PNT-SL-VR	Metallic Blue Silver	1985-Present
6-7003	**–**	7003		Metallic Dark Blue	
Honda Motor Colors					
6-7021	**–**	70021		Silver Metallic	



Marpro Zinc Chromate Primers
Superior bonding to aluminum lower units. Formulated to work with engine paints. For use below water line. Protects against corrosion. Quick-dry formula. 12 oz. can.

6-5605 Green **$6.95 H**
6-5606 Yellow **$6.95 H**



Marpro Inboard Engine Colors
12 oz. can.

6-0214 New Cat Yellow **$6.95 H**
6-0225 GM Green **$6.95 H**
6-6991 Crusader Blue **$6.95 H**

Tempo Marine Engine Colors
Full line of marine engine restores inboard or sterndrive engines to their original appearance. Enamel.

804704 (214) New Caterpiller Yellow **$11.95 H 6K**
804705 (213) Caterpiller Yellow **$10.95 H 6K**

Marpro Clear Coat
For use on all outboard and inboard engines, stern drive, lower units and diesel applications. Not for use with clear antifouling primer. 12 oz. can.

6-6995 **$6.95 H**

Tempo Clear Coat
Not for use with clear antifouling primer. All outboard motors.

805791 (6995) **$9.95 H 6K**

Marpro Outboard Motor Spray Paint Display



Marpro Outboard Motor Spray Paint Display

This display includes the following:

(4) 6-1258 - Mercury Black - 1258
(4) 6-6961 - J/E White- 6961
(4) 6-6979 - OMC Cobra Charcoal - 6979
(4) 6-6969 - Yamaha Blue Metallic - 6969
(4) 6-7003 - Yam Dark Blue Metallica - 7003
(4) 6-7021 - Honda Silver Metallica
(4) 6-6995 - Gloss Clear Coat - 6995
(4) 6-0214 - New Cat Yellow
(4) 6-0225 - GM Green
(4) 6-0800 - Zinc Cold Gal. - 800
(4) 6-5605 - Primer Zinc Green - 5605
(4) 6-5606 - Primer Zinc Yellow - 5606

6-9998 Display **$339.95 F**
6-9999 Display Rack Only **$64.95 A**

Galvanizing Spray Paint



Tempo Cold Galvanizing Zinc Spray Paint

Fuses to metal surfaces to provide exceptional protection against corrosion and rust. It's electro-galvanic self-healing process prevents minor scratches from rusting. Ideal for trailers and water submerged metals. Dries fast.

804550 (800) 14.25 oz. **$15.95 H 6K**



CRC Marine Instant Galvanize

Zinc-rich cold galvanize touch-up. Fights rust and rust creepage. Renews and repairs galvanized surfaces. Ready to use, single component application – spray or brush. Offers the protection of expensive hot dip galvanizing. Standard pack 12.

290368 (06054) 13 oz. **$7.95 F**



Marpro Cold Zinc Galvanizing - 800

95% pure zinc formula. Recommended for steel and iron surfaces (including welded joints). Perfect for hardware corrosion protection. Resists abrasions and solvents. Quick-dry formula.

6-0800 13 oz. **$6.95 H**

Paint Brushes

Marpro White China Bristle Brushes
100% White China Bristles. Excellent for use with oil paints, varnish and stains, and all marine coatings.

7-1060	Size: 1"	**$2.49 H**
7-1061	Size: 1-1/2"	**$3.19 H**
7-1062	Size: 2"	**$4.19 H**
7-1063	Size: 2-1/2"	**$5.79 H**
7-1064	Size: 3"	**$6.99 H**

Super Value





CORONA

Corona Glasskoter Brushes
Pure white bristle. Solvent resistant plastic handle. Tin ferrule.

570326	(3015)	1"	**$0.95 F 36Q**
570327	(3015)	1-1/2"	**$0.95 F 36Q**
570329	(3015)	2"	**$1.95 F 24Q**
570330	(3040)	4"	**$4.95 F 12Q**

CORONA

Corona Urethaner Brushes
White China bristle. Hand formed chisel. Unlacquered plastic foam Kaiser handle. Nickel ferrule.

570406	(3052)	1"	**$3.95 F 12Q**
570402	(3052)	1-1/2"	**$5.95 F 12Q**
570403	(3052)	2"	**$6.95 F 12Q**
570404	(3052)	2-1/2"	**$8.95 F 12Q**
570405	(3052)	3"	**$10.95 F 12Q**





CORONA

Corona Deck and Cabin Brushes
White China bristle. Hand formed chisel. Gloss black plastic foam Kaiser handle. Brass ferrule.

570413	(3058)	1"	**$5.95 G 12Q**
570436	(3058)	1-1/2"	**$6.95 F 12Q**
570437	(3058)	2"	**$7.95 F 12Q**
570449	(3058)	2-1/2"	**$10.95 F 12Q**
570451	(3058)	3"	**$12.95 F 12Q**
570452	(3058)	4"	**$18.95 F 6Q**

CORONA

Corona Europa Brushes – Badger Style
Soft Badger style pure China bristle. Hand formed chisel. Extra fine tip. Black lacquered hardwood special peg handle. Stainless steel ferrule.

570211	(16038)	1"	**$8.95 F 4Q**
570223	(16038)	1-1/2"	**$10.95 F 4Q**
570235	(16038)	2"	**$14.95 F 4Q**
570247	(16038)	2-1/2"	**$18.95 F 4Q**
570253	(16038)	3"	**$22.95 F**
570257	(16038)	4"	**$27.95 F**



Marpac Bucket of Savings

marpac
THE AFFORDABLE ALTERNATIVE™



Marpac
Bucket of Savings Chip Brushes
Sold 48 brushes per bucket.

7-0508S	Size: 2"	**$28.32 F**

"Throwaway" Brushes - White Bristle



"Throwaway" Brushes – White Bristle

570273	1/2"		**$0.99 H 36L**
570285	1"		**$1.19 H 36L**
570297	1-1/2"		**$1.25 H 36L**
570300	2"		**$1.20 H 24L**
570301	2"	Double Thick	**$2.75 H 24L**
570312	2-1/2"		**$1.55 H 24L**
570324	3"		**$1.79 H 12L**
570325	3"	Double Thick	**$3.50 H 12L**
570336	4"		**$4.85 H 12L**
570337	4"	Double Thick	**$8.89 H 12L**

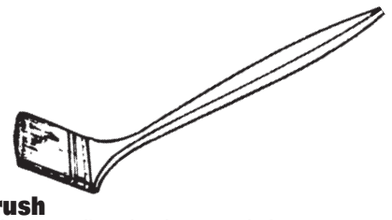
Wood Handle Foam Brushes



Wood Handle Foam Brushes

570350	1"	**$0.32 H**
570362	2"	**$0.45 H**
570374	3"	**$0.55 H**
570375	4"	**$0.65 H**

Radiator Brush



Radiator Brush

Black china bristle bent radiator brush. 45° angle for easy access.

570460 (PB1213) **$2.95 E**

3M PPS Paint Preparation System



3M PPS
Paint Preparation System

A unique, closed paint system which eliminates the need for traditional mixing cups and paint strainers. Now, paint can be mixed and sprayed out of the same PPS liner with a lid and built-in filter. Specifically designed adapters allow painters to use the PPS system with virtually any spray gun. A key advantage of this closed system is that it enables a painter's spray gun to function at any angle, even upside down! The liner, lid and built-in filter are all disposable, leaving only the adapter and spray gun to be cleaned. The PPS system is therefore a cleaner, faster system, safe from outside contamination and offers considerable time and solvent savings in regards to gun cleaning.

886765 (16013)	200 Micron Cartridge Strainer	**$266.95 H**
886789 (16023)	Mixing Cups and Collars - Large	**$33.95 H**
886771 (16066)	Mini Cup Insert - 10 Per Bag	**$26.95 H**
886793 (16091)	Mix Ratio Insert Large - 100 Per Box	**$66.95 H**
886791 (16024)	Lids and Liners - Large	**$107.95 H**
886767 (16114)	Lids and Liners - Mini	**$138.95 H**
886769 (16115)	Mixing Cups and Collars - Mini	**$42.95 H**
886760 (37720)	Detailing Squeeze Bottle	**$2.95 H**

Marpro Roller Covers and Cigar Rollers

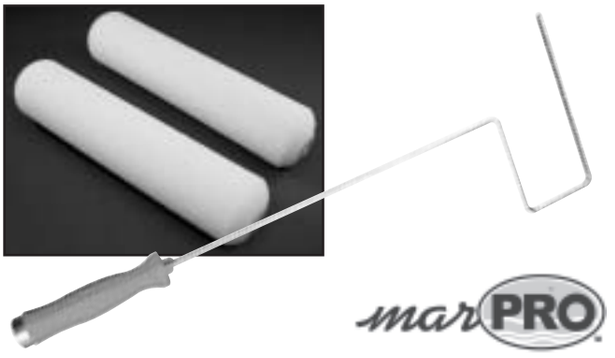
Super Value



Marpro Roller Covers

100% Polyester fabric. Solvent resistant core. For smooth to semi-smooth surface. Fiberglass and epoxy applications.

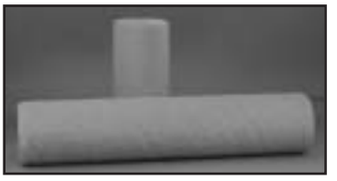
7-1050	Size: 3"	3/8" Nap	**$1.89 H**
7-1051	Size: 4"	3/8" Nap	**$1.59 H**
7-1052	Size: 7"	3/8" Nap	**$1.69 H**
7-1053	Size: 9"	3/8" Nap	**$2.49 H**
7-1049	Size: 9"	3/16" Nap	**$4.95 H**



Marpro Cigar Rollers

Foam. For smooth to semi-smooth surface. Fiberglass and epoxy applications.

7-1038	Size: 4"	3/8" Nap	**$2.59 H**
7-1039	Size: 6-1/2"	3/8" Nap	**$3.49 H**
7-1042	4" x 16" Roller Frame		**$1.69 H**
7-1043	6-1/2" x 24" Roller Frame		**$1.79 H**



Marpro Pro Finish Mohair Rollers

Plastic core rollers with a red 3/16" nap produce a smooth to semi-smooth surface. Use with marine coatings such as paints and stains, as well as for fiberglass and epoxy applications.

7-1045	Size: 4"	**$1.79 H**
7-1047	Size: 9"	**$3.19 H**

Roller Covers



Corona Glasskoter Roller Covers
All purpose Polyester. 3/8" nap. Phenolic core. Sold each per poly bag.

570120 (R-201F-3)	3"			**$1.95 F 36Q**
570122 (R-201F-4)	4"			**$1.95 F 36Q**
570134 (MPR-201F-7)	7"	Sold in Bulk		**$2.95 F 72Q**
570146 (MPR-201F-9)	9"	Sold in Bulk		**$3.95 F 72Q**



Corona Ultradel Roller Covers
Hi-density Golden Polyester. Phenolic core. For all flat paints. Sold each per poly bag.

570110 (R-3030F-9)	9"	3/8" Nap		**$4.95 F 36Q**
570111 (R-3050-9)	9"	1/2" Nap		**$4.95 F 12Q**



Corona Slicker Foam Roller Covers
Foam roller. 1/8" nap. Solvent resistant phenolic core. Sold each per poly bag.

570400 (R-780-012F-7)	7"	**$2.95 F**
570401 (R-780-012F-9)	9"	**$3.95 F 48Q**



Corona Red Mohair Roller Covers
Red Mohair blend. 1/8" nap. Enameling cover. Phenolic core. Sold each per poly bag.

570083 (R-101F-7)	7"	**$4.95 F 48Q**
570109 (R-101F-9)	9"	**$5.95 F 50Q**



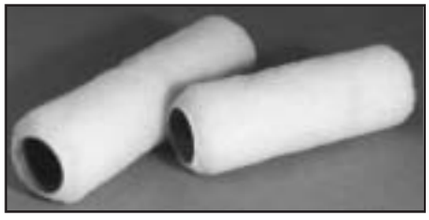
Corona Twin Pak of Roller Covers
Polyester fabric. 3/8" nap. Cardboard core. One time usage. Sold two roller covers per poly bag.

570499 (R-900-9)	9"	**$1.95 F 36Q**



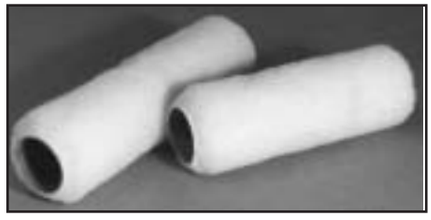
Corona Polycor Roller
Medium-density Polyester. Plastic core. Nap height 3/4". Length 9".

570107 (R-2075-9)		**$3.95 F 12Q**



Arrow Roller Cover
Glossdel-Lintless. For use with high gloss, semi gloss and eggshell . High solvent resistant core. Nap height 3/8". Length 9". Color: White.

570021 (9FGL3)		**$4.95 H 50L**



Arrow Roller Cover
Paint-Mate. 100% polyester, good for all paints with high solvent resistant core. Nap height 3/8". Length 9". Color: Pink.

570019 (9P3)		**$1.95 H 50L**

Paint Trays



Paint Trays – 9"

570473	(R-1310)	Polypropylene	2 Qt. Capacity	**$3.95 F 24Q**
570474	(R-1315)	Polypropylene	3 Qt. Capacity	**$7.95 F 24Q**
570475	(R-1300)	Bright Metal	2 Qt. Capacity	**$3.95 F 24Q**
570476	(R-1303)	Plastic Tray Liner for **570475**		**$0.95 F**

Roller Frames



Roller Frames

Light duty use. Threaded plastic handle with metal ring. Four-wire birdcage. Imported.

570172	(BC-3)	3"		**$1.95 E**
570184	(R-605T-4)	4"	1/4" Shank	**$1.95 F 24Q**
570196	(R-605T-7)	7"	1/4" Shank	**$1.95 F 24Q**
570209	(R-605T-9)	9"	1/4" Shank	**$1.95 F 24Q**

Corona Ekono Set – Paint Tray Combo



Corona Ekono Set – Paint Tray Combo

Includes: Metal tray, 3/8" polyester sleeve with cardboard core on "skeleton" frame.

570500 (R-1000) 9" **$4.95 F 24Q**

Wood Extension Poles



Wood Extension Pole with Plastic Tip

Unlacquered hardwood extension pole with heavy duty plastic threaded tip. Length 48".

570160 (R-1248-PT) **$2.95 F 50Q**



Wood Extension Pole with Die Cast Metal Tip

Unlacquered hardwood extension pole with heavy duty die cast metal threaded tip. Length 49".

575071 (R-1249-DCM) **$4.95 E**

Camco Boat Stands

Shipped F.O.B. from Point of Orgin ONLY

Special Handling May Apply



Camco Powerboat Stands

Camco's Powerboat Stands offer the highest quality construction for dependable support. Bases are constructed of a solid, cold-rolled steel tubing. Stackable design helps save space. Color code sticker helps match the base with corresponding size swivel top.

480695	(40820) 41″ - 58″	**$109.95 D**
480700	(40822) 28″ - 46″	**$102.95 D**
480705	(40823) 25″ - 38″	**$99.95 D**
480710	(40824) 18″ - 25″	**$98.95 D**



Camco Sailboat Stands

Camco's Sailboat Stands offer the highest quality construction for dependable support. Bases are constructed of a solid, cold-rolled steel tubing. Nestable design helps save space. Color code sticker helps match the base with corresponding size swivel top.

480715	(40831) 64″ - 81″	**$135.95 D**
480720	(40832) 48″ - 65″	**$131.95 D**
480725	(40833) 35″ - 52″	**$129.95 D**
480730	(40834) 23″ - 37″	**$121.95 D**

NEW Sizes



Camco Boat Stand Vee Tops

Constructed of a threaded, hollow, zinc-plated steel rod; our Vee Tops are lightweight and easy to haul without sacrificing weight-load capacity. They also feature rounded hardware rather than straight-edged which helps to prevent cutting and scraping hands. Designed specifically for front hull support on sailboats and some larger deep keel powerboats.

480740	(40850) 27.5″	**$54.95 D**
480742	(40851) 22.5″	**$48.95 D**
480744	(40852) 14.5″	**$45.95 D**

NEW Sizes



Camco Boat Stand Swivel Tops

Constructed of a threaded, hollow, zinc-plated steel rod; our Swivel Tops are lightweight and easy to haul without sacrificing weight-load capacity. They also feature rounded hardware rather than straight-edged which helps to prevent cutting and scraping hands. Thick plywood head provides better rot resistance and cushion.

480735	(40840) 27.5″	**$52.95 D**
480736	(40841) 22.5″	**$46.95 D**
480737	(40842) 14.5″	**$42.95 D**



Camco Stabilizer Boat Stand Pads

Designed to keep stands from sinking into soft ground, gravel or dirt. Interlocking design for convenient storage and a built-in handle for ease of use. Solidly constructed of durable polypropylene with UV inhibitors and an eggcrate design which aids water drainage. 24 per pack.

480745	(44592)	**$57.95 D**

NEW ITEM



Camco Swivel Top Replacement Heads

Features rounded hardware rather than straight-edged which helps to prevent cutting and scraping hands. Thick plywood head provides better rot resistance and cushion.

480748	(40845) Yellow	For **480735** (40840)	**$40.95 D**
480749	(40846) Green	For **480736** (40841)	**$33.95 D**
480750	(40847) Burgundy	For **480737** (40842)	**$28.95 D**

Painting Accessories



PRO 1000 Komfort Coveralls
The PRO 1000 coverall is constructed from breathable SMS non-woven material. It features a full hood, elastic cuffs, ankles, elastic waist, breast picket, side pockets and a rear rag pocket. The PRO 1000 features a 2-way zipper allowing restroom visits without having to take off the coverall. Packed one per poly bag with color insert.

440485 (41021)	Large	**$9.95 H**
440486 (41022)	X Large	**$9.95 H**
440488 (41023)	XX Large	**$9.95 H**

Pro Painter's Coverall Protection Kit
This kit contains a Pro 2000 coverall, two sets of vinyl gloves, a nifty set of shoe covers with elastic and a spray sock hood to protect your head. Perfect solution for any job, large or small.

440507 (40075) **$14.95 H**



Pro 2000 Boot Covers
Designed for workers wearing heavy boots. The large elastic top offers easy access and the generous body give plenty of work room. The durable outer shell offers quality protection for most jobs. One size fits all. Sold per pair.

440604 (40031) **$1.95 G 10H**



Spray Sock Hood
Made from fiber. Breathable nylon mesh. Fits over head.

440605 (40040) **$1.95 G 10H**



Coveralls - TC-300
Both lightweight and durable – and is highly effective against contaminants. Disposable. White. Standard. Long sleeve. Zipper front.

440470 (TC-300) Large		**$8.95 H**
440482 (TC-300) X Large		**$8.95 H**
440483 (43002) XX Large		**$8.95 H**
440484 (43003) XXX Large		**$9.95 H**

440608



440606



Painting Gloves
Nitrile (Chemical) Glove. 15 mil, textured palm and fingers. Green. Size: X large.

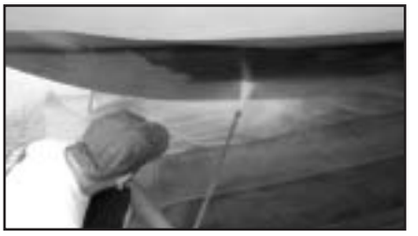
440606 (60031) Box of 12 Pair **$21.95 C**

Disposable Nitrile Glove. Size: Large.

440607 (60032) Box of 100 **$23.95 H**

Disposable Latex Exam Glove. Light powder. Dispenser.

440608 (60002) Box of 100	Large	**$12.95 K**
440610 (60003) Box of 100	X Large	**$12.95 H**



Enviro-Pads - Boatyard Filtration Pads
Filtration Pads filters the copper, paint chips, biological growth, bottom sediment and containments and wash water through a doubled treated geosynthetic non-woven polyester fabrics down to very fine filtration. Ground water then passes through the black mesh pad, and the filtered water from the pressure washer is now free to flow into surface waters or ground water. The pad is then disposed properly as solid waste.

759158 (EP-PAD)	15′ Wide x 25″ Long	**$305.95 D**
759160 (EP-ROLL)	15′ Wide x 75′ Long	**$918.95 D**

Painting Accessories

Power Capacity for:	
Gel Coat	2 - 6 oz.
Oil & Alkyd Base Paint	6 - 9 oz.
Varnish and Enamel	9 - 12 oz.
Model Lacquer	12 - 16 oz.



Preval Paint Sprayer Kit – Portable
Disposable and replaceable spray power unit attaches to 6 oz. glass container. Sprays all paints, lacquers, enamels, acrylics, primers and other liquids. Kit on display card.

556184 (267) Complete Kit **$5.79 H**
556196 (268) Repl. Spray Power Unit **$4.79 H**
556209 (269) Repl. 6 oz. Glass Cont. **$1.45 H**



Western Pacific Bronze Wool Pads
Considered by many to be the best material to clean teak and other hardwood. Rust resistant, use it for prepping any surface to be dressed or painted. Resist shedding and corrosion and won't leave behind rust-prone fibers. Use to polish chrome, brass and stainless steel. Sold 3 pads per poly pack.

412356 Fine **$7.95 H**
412368 Medium **$7.95 H**
412370 Coarse **$7.95 H**

3M



3M All-Purpose Tack Cloth
Safely removes dust, dirt, lint and other particles from fiberglass, metal, plastic, wood & wallboard surfaces before painting. 16" x 20" reusable cloth per pack.

857170 (03192) **$1.95 H**

Pettit Strainers - Box of 100
736403 (14020) **$21.95 C 6D**

Rags and Washed Diapers
570552 (W-07898-37M) 5# Box White Knit Rags **$20.95 H**
211350 25# Colored Sweat Shirt Rags **$14.25 E**
460362 (56405) 1 lb. Bag Cloth Diapers **$8.95 H**
210550 25# White Cotton Bed Sheet Rags **$31.45 E**

Kardol Blue Tack Cloth
440812 (100096) 12 Pack **$19.95 H**

NEW ITEM

BUFFALO



Buffalo Industries XL Colored Cloth Wipers
All-purpose, knit, colored wipers. Excellent for general cleanup.

570538 (10564) 25# Box **$40.95 H**

NEW ITEM

BUFFALO



Buffalo Industries White T-Shirts
All white, knit, t-shirt material. Excellent, all-purpose wiping, cleaning, and polishing cloth. Practically lint-free.

570541 (10524) 25# Box **$94.95 H**

BUFFALO



Buffalo Industries Recycled Colored Cloth Wipers - 5# Box
Knit t-shirt material. Well-priced wiper suitable for almost all wiper needs.

570526 (10082) **$12.95 H**



570576

BUFFALO



570565

Buffalo Industries Marine Shop Towels - White
Ideal for engine work, hydraulic repairs and general maintenance. Bleached white. Color-free, durable and machine washable. Size: 14" x 14" Fully hemmed. Material: 100% Cotton.

570565 (62023) 7 Pack Roll **$3.95 H**
570576 (62031) 25 Pack Bag **$11.95 H**

Painting Accessories



Special Handling May Apply

5 Gallon Plastic Pail and Lid

639344 (T45SW)	5 Gallon Plastic Pail	**$15.95 H**
639356 (L40TS)	Lid for 5 Gallon Plastic Pail	**$4.95 H**



Western Pacific Putty Knives

High quality stainless steel blades. Chemical resistant polycarbon handle.

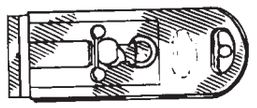
570641 (32005)	2″	Stiff	**$4.95 G 12H**
570653 (32010)	2-1/2″	Flex	**$4.95 G 12H**
570656 (32004)	1-1/2"	Flex	**$3.95 G**
570657 (32006)	2"	Flex	**$4.95 G**
570658 (32014)	3"	Flex	**$4.95 G**



Western Pacific Bent Scraper

Stainless steel. 3" bent blade clears hand from surface. Heavy duty chemical resistant handle. Ideal for removing paint, rust, mill scale. 4-3/4" handle.

570603 (32040) **$4.95 G 6H**



Western Pacific Window Scraper

Uses standard single edge blade. Includes one blade. Scrapes paint and stickers from glass, tile, metal and floors.

570665 (32060)		**$0.95 G 12H**
570677 (30064)	Repl. Blades - 2 Packs of 5 Each	**$1.95 G 12H**
440824 (30063)	Repl. Blades - Box 0f 100	**$10.95 H**



Chipping and Scaling Hammer

Hardened steel chisel and cross chisel. Wood handle.

210601 **$7.93 E**

Plastic Paint and Epoxy Mixing Tubs

639306	16 oz.	**$0.95 H 50L**
639317	32 oz.	**$1.95 H 50L**
639320	85 oz.	**$3.95 H 50L**
639332	172 oz.	**$5.95 H 50L**

Plastic Lid for 639332 Mixing Tub

7-9166 **$2.95 H**





Western Pacific Painter Tool

Oversize stainless blade with a chemical resistant handle. Beveled edge and strong blade make this the ideal painter tool

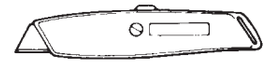
570704 (32075) 3-1/2″ **$4.95 G 12H**



Metal Scraper

1" x 15" double end scraper. Fine grade tool steel, heat treated. Sold each.

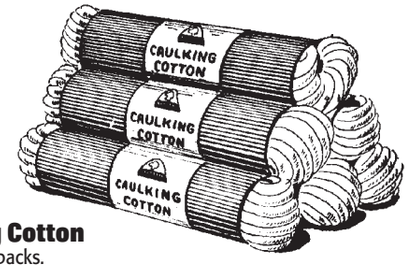
532893 **$10.95 A**



Western Pacific Utility Knife

4-position retractable blade. 3 extra blades in handle. Ideal for drywall, industrial, general use.

570689 (32065)		**$3.95 G**
570691 (32070)	Replacement Blades - Pack of 5	**$0.95 G**

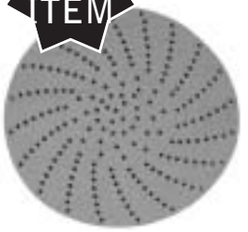


Caulking Cotton

One pound packs.

385547 **$6.95 E**

3M 3" Diameter Hookit™



3M 3" Diameter Clean Sanding Discs

Patented multi-hole design captures and removes more dust. Excellent for dry sanding applications like Gel Coat, Composites, Wood, Paint Prep and Primer sanding. Design doesn't require alignment of holes with the disc pad. Simpler to use than a standard "dust free" system. Fits all dustless sanding systems. Constructed on a C Weight paper backing with aluminum oxide.

887025 (20815)	P220 Grade	50 Discs Per Roll	**$25.95 H**
887027 (20817)	P320 Grade	50 Discs Per Roll	**$25.95 H**
887028 (20818)	P400 Grade	50 Discs Per Roll	**$25.95 H**

3M 3" Diameter Hookit™ Gold Film Discs



Incorporate a convenient hook-and-loop attachment system for easy attachment to and removal from the dual action pad face. The fast cutting, long lasting abrasive construction of the gold film product enables the user to obtain maximum usage of each disc.

852624 (00913)	P400 Grade	50 Discs Per Box	**$34.95 H**

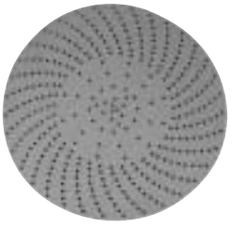
3M 3" Clean Sanding Low Profile Disc Pad

For use with 3" diameter Hookit Clean Sanding discs. Use with random orbital sanders with 1/4 - 20 internal threads. Made with Red Foam. MOS: 15,000 RPM/OPM. Size: 3" x 1/2" x 1/4 - 20.



853164 (20350)	3" Hookit Pad - Medium	**$25.95 H**
853178 (05771)	3" Hookit Interface Pad - Dust Free	**$7.95 H**

3M 5" Diameter Hookit™



3M 5" Diameter Clean Sanding Discs

Patented multi-hole design captures and removes more dust. Excellent for dry sanding applications like Gel Coat, Composites, Wood, Paint Prep and Primer sanding. Design doesn't require alignment of holes with the disc pad. Simpler to use than a standard "dust free" system. Fits all dustless sanding systems. Constructed on a C Weight paper backing with aluminum oxide.

887031 (01693)	P80 Grade	50 Discs Per Roll	**$47.95 H**
887033 (01695)	P120 Grade	50 Discs Per Roll	**$47.95 H**
887035 (01697)	P180 Grade	50 Discs Per Roll	**$47.95 H**
887036 (01698)	P220 Grade	50 Discs Per Roll	**$47.95 H**
887038 (01701)	P320 Grade	50 Discs Per Roll	**$47.95 H**
887039 (01702)	P400 Grade	50 Discs Per Roll	**$47.95 H**

3M 5" Diameter Imperial™ Hookit™ Discs

High-performance discs designed to cut faster and last longer enabling the user to obtain maximum usage from each disc. Excellent for use on tough gelcoat, paint and primer systems. Diameter 5".

Constructed of a high performance aluminum oxide mineral.

885953 (01756)	P500 Grade	50 Discs Per Box	**$35.95 H**

Constructed of a uniquely blended mineral.

886032 (01765)	P120 Grade	50 Discs Per Box	**$35.95 H**
886020 (01764)	P150 Grade	50 Discs Per Box	**$35.95 H**

3M 5" Diameter Imperial™ Hookit™ Discs

This uniquely blended mineral construction and tough "E" weight backing provides for a fast cutting, longer lasting abrasive. Excellent for stripping paint or sanding marine fairing compounds.

886094 (01730)	P36E Grade	25 Discs Per Roll	**$48.95 H**
886082 (01729)	P40E Grade	25 Discs Per Roll	**$42.95 H**
886070 (01770)	P60E Grade	25 Discs Per Roll	**$38.95 H**
886068 (01728)	P80E Grade	25 Discs Per Roll	**$34.95 H**

3M 5" Clean Sanding Disc Pads

853166 (20353)	5" Hookit Pad	Firm	**$49.95 H**
853168 (20206)	5" Hookit Pad	Medium	**$49.95 H**
853170 (20290)	5" Hookit Pad	Soft	**$31.95 H**
853180 (20278)	5" Hookit Interface Pad	Soft	**$17.95 H**
854085 (05773)	5" Hookit interface Pad	Soft	**$16.95 H**



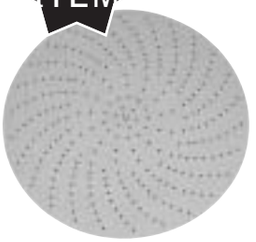
854085



853168

3M 6" Diameter Hookit™

NEW ITEM



3M 6" Diameter Clean Sanding Discs

Patented multi-hole design captures and removes more dust. Excellent for dry sanding applications like Gel Coat, Composites, Wood, Paint Prep and Primer sanding. Design doesn't require alignment of holes with the disc pad. Simpler to use than a standard "dust free" system. Fits all dustless sanding systems. Constructed on a C Weight paper backing with aluminum oxide.

887045	(20749) P80 Grade	50 Discs Per Roll	**$64.95 H**
887047	(20751) P120 Grade	50 Discs Per Roll	**$56.95 H**
887049	(20753) P180 Grade	50 Discs Per Roll	**$56.95 H**
887050	(20754) P220 Grade	50 Discs Per Roll	**$56.95 H**
887052	(20756) P320 Grade	50 Discs Per Roll	**$56.95 H**
887053	(20757) P400 Grade	50 Discs Per Roll	**$56.95 H**

3M NEW ITEM



3M 6" Clean Sanding Disc Pads

853172	(05856) 6" Hookit Pad - Firm	**$69.95 H**
853174	(20356) 6" Hookit Pad - Medium	**$53.95 H**
853176	(20425) 6" Hookit Pad - Soft	**$51.95 H**
853182	(05774) 6" Hookit Interface Pad	**$19.95 H**

3M NEW ITEM

3M 6" Diameter Purple Clean Sanding Discs

Disc with precise hole design for improved life and dust extraction. Use for shaping plastic filler, removing paint around damaged area and scratch refinement of bare metal. 3M's fastest cutting, longest lasting abrasive for saving labor costs and improving quality.

887060	(01820) P80 Grade	50 Discs Per Box	**$67.95 H**
887062	(01818) P120 Grade	50 Discs Per Box	**$67.95 H**
887064	(01816) P180 Grade	50 Discs Per Box	**$67.95 H**
887066	(01815) P220 Grade	50 Discs Per Box	**$67.95 H**
887068	(01812) P320 Grade	50 Discs Per Box	**$67.95 H**
887070	(01811) P400 Grade	50 Discs Per Box	**$67.95 H**

3M NEW ITEM

3M 6" Diameter Imperial™ Hookit™ Dust-Free Discs

8 hole, purple in color with a strong film backing. Latest technology, greatest cost/value and highest quality available. Excellent for stripping paint or sanding marine fairing compounds.

886171	(01837) P36E Grade - Fein	25 Discs Per Box	**$80.95 H**
886169	(01836) P40E Grade - Fein	25 Discs Per Box	**$72.95 H**
886157	(01835) P60E Grade - Fein	25 Discs Per Box	**$67.95 H**
886145	(01834) P80E Grade - Fein	25 Discs Per Box	**$58.95 H**
853680	(01824) P36E Grade - Std.	25 Discs Per Box	**$80.95 H**
853679	(01823) P40E Grade - Std.	25 Discs Per Box	**$72.95 H**
853678	(01822) P60E Grade - Std.	25 Discs Per Box	**$67.95 H**
853677	(01821) P80E Grade - Std.	25 Discs Per Box	**$58.95 H**

3M 8" Diameter Hookit™

3M 8" Diameter Imperial™ Hookit™ Discs

This uniquely blended mineral construction and tough "E" weight backing provides for a fast cutting, longer lasting abrasive. Excellent for stripping paint or sanding marine fairing compounds.

886133	(01745)	P36E Grade	25 Discs Per Roll	**$149.95 H**
886121	(01744)	P40E Grade	25 Discs Per Roll	**$136.95 H**
886119	(01768)	P60E Grade	25 Discs Per Roll	**$125.95 H**
886107	(01743)	P80E Grade	25 Discs Per Roll	**$107.95 H**

3M



3M 8" Clean Sanding Disc Pads

854095	(05779) 8" Hookit Pad - Firm	**$4.95 H**
854097	(05768) 8" Hookit Pad - Soft	**$90.95 H**

3M



3M 8" Diameter Green Corps™ Hookit™ Regalite Discs

A uniquely blended mineral bonded to a tough E weight backing provides a fast cutting, long lasting abrasive. The Hookit attachment system allows easy application to and removal from the disc pad. Excellent for stripping paint or sanding marine fairing compounds.

853805	(00525) 36E Grade	25 Discs Per Box	**$132.95 H**

3M 5" Diameter Stikit™



3M 5" Diameter
Green Corps™ Stikit™ Production Resin Bond Discs
An all new mineral/bond construction and tough E weight backing provide for a fast cutting, long lasting abrasive disc. Excellent for coarse sanding of hull and deck areas. Individually linered.

852979	(01545) 40E Grade	100 Discs Per Box	**$173.95 H**



3M 5" Diameter Stikit™ Imperial™ Disc Rolls
Used for fine featheredging or last final sanding step before priming. Includes liner to protect adhesive. 3Ms fastest cutting, longest lasting abrasive for saving labor costs and improving quality.

886234	(00309) P80 Grade	75 Discs Per Roll	**$67.95 H**
886208	(00306) P150 Grade	75 Discs Per Roll	**$58.95 H**
886183	(00298) P500 Grade	75 Discs Per Roll	**$58.95 H**



3M 5" Stikit™ Dust Free Low Profile Disc Pads
Use with 5" diameter Stikit Dust Free Discs. Medium foam density and blunt 15 degree edge for good edge durability. Used for coarse grades and where good leveling is needed. Fits Random Orbital sanders with 5/16-24 internal thread. Blue face. Size: 5" x 3/8" 5/16 - 24 External.

853205	(05655) 5" Stikit Pad - Firm	Low Profile	**$33.95 H**
853206	(45217) 5" Stikit Pad - Medium		**$28.95 H**
853207	(05645) 5" Stikit Pad - Soft	Low Profile	**$35.95 H**
853184	(05575) 5" Stikit Pad		**$29.95 H**
853204	(05555) 5" Stikit Pad	Low Profile	**$30.95 H**



3M 5" Diameter Stikit™ Gold Disc Rolls
A strong "C" weight backing provides excellent support for a tough and durable aluminum oxide mineral. The non-staining Fre-Cut resists loading and the pressure sensitive adhesive coating ensures excellent adhesion to Stikit disc pads. Excellent for gelcoat, wood and plastic applications.

886361	(86488) P80 Grade	100 Discs Per Roll	**$50.95 H**
886373	(86489) P100 Grade	100 Discs Per Roll	**$42.95 H**
886385	(86490) P120 Grade	100 Discs Per Roll	**$46.95 H**
886388	(86493) P220 Grade	100 Discs Per Roll	**$46.95 H**
886397	(86495) P320 Grade	100 Discs Per Roll	**$46.95 H**
886398	(86496) P400 Grade	100 Discs Per Roll	**$46.95 H**



3M 5" Diameter Stikit™ Imperial™ Disc Rolls
This uniquely blended mineral construction and tough "E" weight backing provides for a fast cutting, longer lasting abrasive. Excellent for stripping paint or sanding marine fairing compounds.

886272	(00368) 36E Grade	50 Discs Per Roll	**$90.95 H**
886260	(00367) 40E Grade	50 Discs Per Roll	**$80.95 H**

3M 5" Diameter Stikit™ Gold Disc Rolls
These discs are aggressive, sharp, fast cutting and long lasting. Their construction also resists dulling, loading and edge wear. The pressure-sensitive adhesive coating ensures excellent adhesion to 3M Stikit disc pads without adhesive buildup.

886309	(01428) P80 Grade	125 Discs Per Roll	**$74.95 H**
886284	(01420) P320 Grade	175 Discs Per Roll	**$85.95 H**

3M 6" Diameter Stikit™



3M 6" Diameter Stikit™ Gold Disc Rolls

These discs are aggressive, sharp, fast cutting and long lasting. Their construction also resists dulling, loading and edge wear. The pressure-sensitive adhesive coating ensures excellent adhesion to 3M Stikit disc pads without adhesive buildup.

852769	(01436) P280 Grade	175 Discs Per Roll	**$141.95 H**



3M 6" Diameter Stikit™ Imperial™ Resin Bond Disc Rolls

A tough and durable aluminum oxide mineral bonded with a full heat resistant resin to a strong F weight backing. The backing provides excellent shelling and tear resistance. Excellent for scratch refinement after coarse sanding.

852930	(21794) 60F Grade	100 Discs Per Roll	**$121.95 H**
852928	(21793) 80F Grade	100 Discs Per Roll	**$108.95 H**
852924	(21791) P120F Grade	100 Discs Per Roll	**$100.95 H**

THIS PRODUCT REPLACES GOLD FILM DISCS



3M 6" Diameter Stikit™ Imperial™ Disc Rolls - Purple

Designed to cut faster and last longer enabling the user to obtain maximum usage from each disc. Constructed of a high-performance aluminum oxide mineral. Strongly bonded to a smooth film backing, leave a consistent finish and resist loading. For use on tough marine paint, gelcoat and primer systems.

853250	(00363) P80 Grade	100 Discs Per Roll	**$95.95 H**
853249	(00362) P100 Grade	100 Discs Per Roll	**$77.95 H**
853248	(00361) P120 Grade	100 Discs Per Roll	**$77.95 H**
853246	(00329) P180 Grade	100 Discs Per Roll	**$77.95 H**
853245	(00358) P220 Grade	100 Discs Per Roll	**$77.95 H**
853242	(00355) P320 Grade	100 Discs Per Roll	**$77.95 H**
853240	(00353) P400 Grade	100 Discs Per Roll	**$77.95 H**
853239	(00352) P500 Grade	100 Discs Per Roll	**$77.95 H**



3M 6" Diameter Stikit™ Gold Disc Rolls

A strong "C" weight backing provides excellent support for a tough and durable aluminum oxide mineral. The non-staining Fre-Cut resists loading and the pressure sensitive adhesive coating ensures excellent adhesion to Stikit disc pads. Excellent for gelcoat, wood and plastic applications.

852841	(86468) P80 Grade	100 Discs Per Roll	**$71.95 H**
852839	(86469) P100 Grade	100 Discs Per Roll	**$66.95 H**
852827	(86470) P120 Grade	100 Discs Per Roll	**$66.95 H**
852815	(86471) P150 Grade	100 Discs Per Roll	**$66.95 H**
852803	(86472) P180 Grade	100 Discs Per Roll	**$66.95 H**
852790	(86473) P220 Grade	100 Discs Per Roll	**$66.95 H**
852764	(86475) P320 Grade	100 Discs Per Roll	**$66.95 H**
852776	(86476) P400 Grade	100 Discs Per Roll	**$66.95 H**
852788	(86477) P500 Grade	100 Discs Per Roll	**$66.95 H**



3M 6" Diameter Green Corps™ Stikit™ Production Resin Bond Discs

An all new mineral/bond construction and tough E weight backing provide for a fast cutting, long lasting abrasive disc. Excellent for coarse sanding of hull and deck areas. Individually linered.

852992	(01548) 36E Grade	100 Discs Per Box	**$269.95 H**
852980	(01547) 40E Grade	100 Discs Per Box	**$240.95 H**



3M 6" Diameter Stikit™ Imperial™ Disc Rolls

Used for fine featheredging or last final sanding step before priming. Includes liner to protect adhesive. 3Ms fastest cutting, longest lasting abrasive for saving labor costs and improving quality.

853247	(00330) P150 Grade	75 Discs Per Roll	**$77.95 H**

3M 6" Diameter Stikit™



3M 6" Diameter Stikit™ Imperial™ Disc Rolls
This uniquely blended mineral construction and tough "E" weight backing provides for a fast cutting, longer lasting abrasive. Excellent for stripping paint or sanding marine fairing compounds.

853265 (00372) 60E Grade — 50 Discs Per Roll — **$99.95 H**



3M 6" Diameter Stikit™ Gold Film Disc Rolls
Use for for rough featheredging. Could be used for final sanding of plastic filler and putty.

852702 (01329) P180 Grade — 75 Discs Per Roll — **$70.95 H**



3M 6" Diameter Stikit™ Finishing Film Discs
Designed for use in scuff sanding before painting, as well as to remove runs, dust nibs and excess orange peel from paint and gelcoat prior to compounding. Individually lined and constructed of a high performance, aluminum oxide mineral bonded to a smooth film backing. Cuts fast, lasts long, resists loading and leaves a consistent finish.

852637 (01321) P600 Grade — 100 Discs Per Box — **$149.95 H**
852636 (01320) P800 Grade — 100 Discs Per Box — **$149.95 H**
852635 (01319) P1000 Grade — 100 Discs Per Box — **$149.95 H**
852634 (01318) P1200 Grade — 100 Discs Per Box — **$149.95 H**



3M 6" Diameter Stikit™ Tri-M-ite Fre-Cut Paper Disc Rolls
An extremely sharp silicon carbide mineral surface with a special coating to resist loading. Has a pressure-sensitive adhesive backing for application to disc pad.

852592 (01469) 180A Grade — 250 Discs Per Roll — **$147.95 H**



853200



853196

3M 6" Stikit™ Low Profile Disc Pads
Standard 6 hole pattern for dust free sanding. A thinner low profile pad provides better support for block sanding. Max 10,000 RPM.

853208 (05656) 6" Stikit Pad - Firm — Low Profile — **$44.95 H**
853209 (45218) 6" Stikit Pad - Medium — **$32.95 H**
853210 (05646) 6" Stikit Pad - Soft — Low Profile — **$37.95 H**
853196 (05576) 6" Stikit Pad — **$33.95 H**
853200 (05546) 6" Stikit Pad — Low Profile — **$34.95 H**



3M 6" Diameter Green Corps™ Stikit™ Dust-Free Production Disc
Prepunched with a standard hole pattern for dust-free sanding and designed to be used with 3M Stikit Dust-Free Pads. Pressure sensitive adhesive backing for easy application and removal.

852995 (01668) 36E Grade — 100 Discs Per Box — **$260.95 H**

3M 8" Diameter Stikit™



3M 8" Diameter Stikit™ Imperial™ Resin Bond Paper Disc Rolls

A tough and durable aluminum oxide mineral bonded with a full heat resistant resin to a strong F weight backing. The backing provides excellent shelling and tear resistance. Excellent for scratch refinement after coarse sanding.

852916	(21788) 60F Grade	50 Discs Per Roll	**$101.95 H**
852905	(21787) 80F Grade	50 Discs Per Roll	**$98.95 H**
852891	(21785) P120F Grade	50 Discs Per Roll	**$91.95 H**

3M 8" Diameter Stikit™ Gold Disc Rolls

These discs are aggressive, sharp, fast cutting and long lasting. Their construction also resists dulling, loading and edge wear. The pressure-sensitive adhesive coating ensures excellent adhesion to 3M Stikit disc pads without adhesive buildup.

853079	(01491) P120 Grade	125 Discs Per Roll	**$181.95 H**



3M 8" Clean Sanding Pads

853211	(05579) 8" Stikit Pad - Medium	**$79.95 H**
853215	(05568) 8" Stikit Pad - Soft	**$83.95 H**



3M 8" Diameter Stikit™ Production Fre-Cut Disc Rolls

Individually linered, pressure sensitive adhesive backed disc for easy application to and removal from disc pad. Tough mineral bond construction along with special treatment to resist loading, means fast cutting, long lasting abrasive.

853057	(01552) 24E Grade	20 Discs Per Box	**$91.95 H**
853019	(01551) 36E Grade	50 Discs Per Box	**$245.95 H**
853007	(01550) 40E Grade	50 Discs Per Box	**$220.95 H**
853071	(01556) 60E Grade	50 Discs Per Box	**$159.95 H**
853021	(01549) 80D Grade	50 Discs Per Box	**$176.95 H**

3M 8" Diameter Stikit™ Imperial™ Disc Rolls

This uniquely blended mineral construction and tough "E" weight backing provides for a fast cutting, longer lasting abrasive. Excellent for stripping paint or sanding marine fairing compounds.

853305	(00378) 60E Grade	25 Discs Per Roll	**$92.95 H**
853300	(00377) P80E Grade	25 Discs Per Roll	**$83.95 H**

3M Orbital Sanders

NEW ITEM



3M Self-Generated Vacuum Random Orbital Sanders

Pneumatic. Designed to work with 3M's self-contained dust collection system. Consistent sand scratch for a better finish. Trap and contain airborne particles during the finishing process. Very smooth, fingertip control. Can also be used with conventional filter bags. Includes Clean Sanding Hookit Pad.

886804	(20319) 5"	**$300.95 H**
886905	(20327) 6"	**$300.95 H**

NEW ITEM



3M Orbital Sander Accessories

Air Tool Lubricant - Used to keep pneumatic air tools running efficiently. Can also be used in air compressors. Reduces friction coefficient between moving parts. Reduces the amount of heat produced by the motor.

886917	(20451) 4 oz.	**$7.95 H**

Clean Sanding Filter Bag and Adapter - Use for collecting dust when using SGV sanders. Eliminates the need for cumbersome vacuum hoses. Non-woven, electrically charged bag holds dust. Disposable.

886929	(20452) Filter Bag - Large	**$5.95 H**
886931	(20453) Filter Bag Adapter	**$11.95 H**

3M Imperial™ Hookit™ Sheets

3M Imperial™ Hookit™ Sheets
High-performance sheet designed to cut faster and last longer enabling the user to obtain maximum usage from each disc. Excellent for use on tough marine gelcoat, paint and primer systems. Dimensions: 4-1/2" x 30".

853627 (01874)	P100 Grade	10 Sheets Per Box	**$65.95 H**
853639 (01876)	P80E Grade	10 Sheets Per Box	**$84.95 H**
853641 (01877)	P60E Grade	10 Sheets Per Box	**$87.95 H**
853653 (01878)	P40E Grade	10 Sheets Per Box	**$79.95 H**
853665 (01879)	P36E Grade	10 Sheets Per Box	**$92.95 H**

3M Grinding Discs



3M Green Corps™ Roloc™ Discs
Combines the versatility of the Roloc disc system with the premium quality of 3M Green Corps construction. It is a handy quick change tool for disc grinding which fits any standard 1/4" drill or air tool. A quick 1/2 turn on, 1/2 turn off speeds disc changing and cuts down time. These discs are color coded. Sold 25 discs per box.

853085 (01397)	36YF Grade	Diameter 2"	**$60.95 H**
853083 (01406)	50YF Grade	Diameter 3"	**$62.95 H**
853095 (01407)	36YF Grade	Diameter 3"	**$69.95 H**
853108 (01408)	24YF Grade	Diameter 3"	**$75.95 H**



3M Type D Discs - 280C
These are dependable open coated, heavy duty, aluminum oxide fiber backed discs. Excellent for fiberglass grinding. Sold 25 discs per box.

854782 (01818)	36D Grade	5" x 7/8"	**$86.95 H**
854794 (01819)	24D Grade	5" x 7/8"	**$88.95 H**
854807 (01820)	16D Grade	5" x 7/8"	**$113.95 H**
854845 (01833)	36D Grade	7" x 7/8"	**$106.95 H**
854857 (01834)	24D Grade	7" x 7/8"	**$108.95 H**
854869 (01835)	16D Grade	7" x 7/8"	**$139.95 H**



3M Roloc™ Cloth Disc - 777F
A Cubitron abrasive grain Roloc disc constructed on a YF weight, water resistant polyester cloth backing. Resin bonded for heat resistance. Features grinding aid for cooler grinding. Can be run wet or dry. Primary uses: Metalworking.

886474 (76622)	36YF Grade	Diameter 1"	**$27.95 H**



3M Type C Discs - 381C
Closed coat, aluminum oxide fibre backed discs which are tough as well as flexible. For fiberglass, wood and metal sanding.

Dimensions: 4" x 5/8"

854883 (01722)	80 Grade	100 Discs Per Box	**$202.95 H**



3M Green Corps™ Cut-Off Wheel
It is a high-performance, long-lasting cut-off wheel for use in cutting sheet metal, aluminum, stainless steel tubing, propeller shafts, clamps and rusted bolts. For use on utility type cut-off tools. Read all warnings supplied with wheels. Do not use on tool without guards. Sold 5 wheels per pack.

854958 (01989)	Dimensions: 3" x 1/32" x 3/8"	**$46.95 H**
854959 (01990)	Dimensions: 3" x 1/16" x 3/8"	**$46.95 H**

3M Fibre Discs

3M

3M Green Corps Fibre Discs - 5" x 7/8"

854776	(01914)	36G Grade	20 Discs Per Box	**$118.95 H**
854778	(01915)	24G Grade	20 Discs Per Box	**$120.95 H**

3M Green Corps Fibre Discs - 7" x 7/8"

854821	(01922)	36G Grade	20 Discs Per Box	**$133.95 H**
854833	(01923)	24G Grade	20 Discs Per Box	**$136.95 H**

3M Hookit Marine Fairing Board

3M

3M Hookit Marine Fairing Board - Flexible

Designed for fairing, shaping, sanding and finishing boats, plugs and molds. Durable, lightweight construction that combines worker comfort and getting desired results quickly.

853620 (83978) Dimensions: 4-1/2" x 30" **$72.95 H**

3M Evenrun Bands

3M



3M Evenrun™ Bands - 241D

An aluminum oxide Evenrun band constructed on a X weight, durable cloth backing. Resin bonded for heat resistance. Primary uses: Metalworking and woodworking. Sold 100 per case.

886486	(40184)	P60X Grade	2" x 2"	**$85.95 H**
886498	(40185)	P50X Grade	2" x 2"	**$94.95 H**
886501	(40186)	P40X Grade	2" x 2"	**$99.95 H**
886513	(40197)	P60X Grade	1-1/2" x 1-1/2"	**$56.95 H**
886537	(40213)	P40X Grade	1" x 1"	**$52.95 H**
886549	(40214)	P36X Grade	1" x 1"	**$48.95 H**
886551	(40220)	P80X Grade	3/4" x 1"	**$46.95 H**
886587	(97497)	P40X Grade	3/4" x 3/4"	**$44.95 H**

3M



3M Rubber Cushion Polishing Wheels

For use with 3M Coated Abrasive Evenrun Bands and Belts. Rubber Cushion Polishing Wheels have a mechanically expandable rubber cushion which keeps the band or belt from slipping during use.

886599	(45127)	Dimensions: 2" x 2" x 1/4"	**$30.95 H**
886602	(45131)	Dimensions: 1-1/2" x 1-1/2" x 1/4"	**$15.95 H**
886614	(45139)	Dimensions: 1" x 1" x 1/4"	**$10.95 H**
886626	(45145)	Dimensions: 3/4" x 1" x 1/4"	**$13.95 H**
886638	(45146)	Dimensions: 3/4" x 3/4" x 1/4"	**$10.95 H**
886640	(45156)	Dimensions: 1/2" x 1/2" x 1/4"	**$10.95 H**

3M Surface Conditioning Discs

3M



3M Scotch-Brite™ Roloc™ Surface Conditioning Discs

Scotch-Brite Roloc Surface Conditioning Discs combined with the quick "1/2 turn on, 1/2 turn off" Roloc disc fastening system. The coarse grade (brown) equates with a coated abrasive grit of 80 to 100 and medium (maroon) 100 to 120 grit. Sold 25 discs per box.

855105	(07480) Coarse	Diameter 2"	**$43.95 H**
855106	(07481) Medium	Diameter 2"	**$43.95 H**
853080	(07485) Coarse	Diameter 3"	**$82.95 H**
853081	(07486) Medium	Diameter 3"	**$82.95 H**

3M



3M Roloc™ Disc Pad Assemblies

This hard rubber back up provides firm support for Scotch-Brite Roloc Surface Conditioning Discs and 3M Roloc Bristle Discs. Sold 10 per case.

853111	(05539) Diameter 2"	**$26.95 H**
853110	(05540) Diameter 3"	**$35.95 H**

3M Stikit™ Abrasive Sheets



3M Stikit™ Gold Sheet Rolls - 216U
Coated aluminum oxide abrasive rolls bonded with resin and a pressure-sensitive adhesive backing for quick adhesion to and easy removal from 3M Stikit Finish Sander Conversion Pads. Cut to desired length for use on vibrator sanders, fairing boards and sanding blocks. 4-1/2" width.

886311	(02691)	P320 Grade	25 Yards	**$99.95 H**
886323	(02693)	P220 Grade	25 Yards	**$99.95 H**
886335	(02694)	P180 Grade	25 Yards	**$86.95 H**
886347	(02696)	P120 Grade	20 Yards	**$99.95 H**
886359	(02698)	P80 Grade	20 Yards	**$86.95 H**



3M Imperial™ Stikit™ Sheets
This uniquely blended mineral construction and tough "E" weight backing provides for a fast cutting, longer lasting abrasive. Excellent for stripping paint or sanding marine fairing compounds. Dimensions: 2-3/4" x 16-1/2".

852571	(00389)	P120E Grade	50 Sheets Per Box	**$73.95 H**
852572	(00391)	P80E Grade	50 Sheets Per Box	**$74.95 H**
852573	(00393)	40E Grade	50 Sheets Per Box	**$100.95 H**
852574	(00394)	36E Grade	50 Sheets Per Box	**$111.95 H**



854756



854744

3M Stikit™ Soft Hand Block
Made of a tough flexible foam which allows the user to block sand on flat surface or in contours. 3M Stikit sheets adhere firmly to its vinyl face and won't slip or tear.

854744 (05442) Dimensions: 2-3/4" x 5" **$23.95 H**

3M Stikit™ Hand Block
Made of Sturdy, durable, high strength material and are shaped to fit the hand comfortably. These blocks have an embossed rubber face which allows good adhesion for 3M Stikit Sheet Rolls.

854756 (05441) Dimensions: 2-3/4" x 7-3/4" **$28.95 H**



3M Stikit™ Gold Sheet Rolls - 216U
Coated aluminum oxide abrasive rolls bonded with resin and a pressure-sensitive adhesive backing for quick adhesion to and easy removal from 3M Stikit Blocks. 2-3/4" width.

852560	(02590)	P400 Grade	45 Yards	**$77.95 H**
852561	(02591)	P320 Grade	45 Yards	**$82.95 H**
852562	(02593)	P240 Grade	45 Yards	**$71.95 H**
852563	(02594)	P220 Grade	45 Yards	**$82.95 H**
852564	(02595)	P180 Grade	45 Yards	**$82.95 H**
852565	(02596)	P150 Grade	45 Yards	**$82.95 H**
852566	(02597)	P120 Grade	30 Yards	**$82.95 H**
852567	(02598)	P100 Grade	30 Yards	**$71.95 H**
852568	(02599)	P80 Grade	25 Yards	**$82.95 H**

3M Imperial™ Stikit™ Roll - 734U
Designed to cut faster and last longer enabling the user to obtain maximum usage. Excellent for use on tough marine gelcoat, paint and primer systems. 4-1/2" width.

886753 (00497) P80 Grade 30 Yards **$164.95 H**



3M Stikit™ Hand File Board
It is a well-balanced, durable tool that is resistant to most solvents, has a sturdy design that provides a non-twisting, flat sanding surface. This file board has an embossed rubber face that allows adhesion release when used with 3M 2-3/4" x 16-1/2" sheets. Can be cleaned with lacquer thinner.

853615 (05444) Abrasive Size: 2-3/4" x 16-1/2" **$62.95 H**

3M Sandpaper Sheets



3M Imperial™ Wetordry™ Paper Sheets

Utilitze a premium, aluminum oxide mineral, an improved paper backing and an optimized construction that results in the following performance advantages: Improved rate of cut, increased abrasive life, increased flexibility and uniform, consistent finish. Dimensions: 9" x 11".

854208 (02036) P600 Grade 50 Sheets Per Sleeve **$56.95 H**



3M Imperial™ Wetordry™ Paper Sheets

Use wet or dry for sanding old finishes, fine featheredging plus surface work. It is a silicon carbide, closed coat product bonded with a waterproof resin. Dimensions: 9" x 11".

854180 (02020) 2000 Grade 50 Sheets Per Sleeve **$107.95 H**
854202 (02033) 1200 Grade 50 Sheets Per Sleeve **$107.95 H**
854204 (02034) 1000 Grade 50 Sheets Per Sleeve **$107.95 H**



3M Imperial™ Wetordry™ Paper Sheets

Constructed of a silicone carbide mineral, better bonding system and more flexible backing. Provides a faster cut, longer life, more consistent finish which will reduce sanding and buffing time. Designed for light sanding prior to compounding. The size of the sheets eliminates the need for tearing - entire sheet can be used. Dimensions: 5-1/2" x 9".

854186 (02021) 1000 Grade 50 Sheets Per Sleeve **$53.95 H**
854198 (02022) 1200 Grade 50 Sheets Per Sleeve **$53.95 H**
854201 (02023) 1500 Grade 50 Sheets Per Sleeve **$53.95 H**
854200 (02044) 2000 Grade 50 Sheets Per Sleeve **$53.95 H**



3M Tri-M-ite™ Fre-Cut Paper Sheets

Dry sanding only by machine or hand. A specially treated paper with sharp silicon carbide mineral resists loading when working on wood, plastic or fiberglass. Dimensions: 9" x 11". A weight.

854516 (02344) 320A Grade 100 Sheets Per Sleeve **$82.95 H**
854528 (02347) 220A Grade 100 Sheets Per Sleeve **$82.95 H**
854530 (02348) 180A Grade 100 Sheets Per Sleeve **$82.95 H**
854542 (02349) 150A Grade 100 Sheets Per Sleeve **$75.95 H**
854554 (14177) 120A Grade 100 Sheets Per Sleeve **$82.95 H**
854578 (02352) 80A Grade 50 Sheets Per Sleeve **$43.95 H**



3M Production Paper Sheets

Dry sanding only by machine or hand on wood, fiberglass or metal. Open coat with tough aluminum oxide mineral.

A Weight - Dimensions: 9" x 11"

854314 (02104) 180A Grade 100 Sheets Per Sleeve **$52.95 H**
854338 (02106) 120A Grade 100 Sheets Per Sleeve **$57.95 H**

D Weight - Dimensions: 9" x 11"

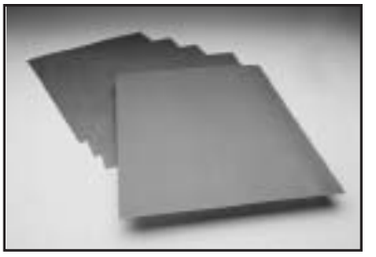
854390 (02115) 80D Grade 50 Sheets Per Sleeve **$46.95 H**
854403 (02116) 60D Grade 50 Sheets Per Sleeve **$54.95 H**
854427 (02118) 40D Grade 50 Sheets Per Sleeve **$71.95 H**

3M Sandpaper Sheets

3M Wetordry™ Tri-M-ite™ Paper Sheets

Use wet or dry for sanding old finishes, fine featheredging plus surface work. It is a silicon carbide, closed coat product bonded with a waterproof resin. Dimensions: 9" x 11". Sold 50 sheets per sleeve.

854124 (02014)	180C Grade	C Weight	**$62.95 H**
854148 (02016)	120C Grade	C Weight	**$71.95 H**
854150 (02017)	100C Grade	C Weight	**$81.95 H**
854162 (02018)	80C Grade	C Weight	**$93.95 H**
854174 (02019)	60C Grade	C Weight	**$124.95 H**
854225 (02000)	600A Grade	A Weight	**$73.95 H**
854237 (02002)	400A Grade	A Weight	**$73.95 H**
854251 (02004)	320A Grade	A Weight	**$73.95 H**
854275 (02007)	220A Grade	A Weight	**$73.95 H**



3M Wetordry Sponge Pad



3M Wetordry™ Sponge Pad

A firm hand sanding pad to be used with a three-fold wrap of 3M Wetordry Tri-M-ite Paper Sheets, 3M Imperial Wetordry Color Sanding Paper Sheets or 3M Production Gold Paper Sheets to make hand sanding easier and more efficient.

854112 (05526) **$22.95 H**

3M Hand Sanding Block

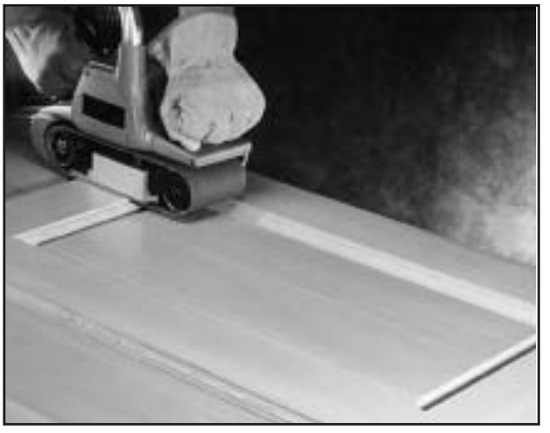


3M Hand Sanding Block

A pliable rubber block which holds the sandpaper securely during wet or dry sanding operations. It utilizes a 2-3/4" x 9" sheet.

854732 (05519) **$14.95 H**

3M Purple Belts



3M Purple Belts

For tough portable belt sanding jobs; features long-lasting, durable 3M Cubitron abrasive grain on a strong Y-weight backing. The closed coat feature provides a better finish and less aggressive cut than a comparable open coat abrasives of the same grade. The purple color indicates it's leading edge technology designed to provide the lowest possible manufacturing costs.

853336 (81412)	80Y Grade	3″ x 24″	**$22.95 H**
853348 (81413)	P100Y Grade	3″ x 24″	**$21.95 H**
853350 (81414)	P120Y Grade	3″ x 24″	**$21.95 H**
853374 (81432)	P100Y Grade	4″ x 24″	**$36.95 H**
853386 (81433)	P120Y Grade	4″ x 24″	**$36.95 H**

3M Regalite 12" Belt



3M Regalite 12" Belt
Heavy duty polyester cloth backing provides greater strength and flexibility. Cubitron abrasive grain provides long life and fast cut on multiple surfaces.

854998 (88873) 40YF Grit **$160.95 H**

3M Coated Abrasive Belt



3M Coated Abrasive Belt - 777F
Cubitron abrasive grain cloth belt constructed on water resistant polyester cloth backing. Resin bonded for heat resistance. Features grinding aid for cooler grinding. Easiest to break down among premium abrasives. Use wtih softer contact wheel. Better for shorter welds and seams

854999 (77927) 40 Grit **$615.95 H**

3M Cloth Utility Rolls



3M Tri-M-ite™ Elek-Tro-Cut Cloth Utility Rolls
Used for light deburring, clean-up, blending and finishing metal surfaces. 50 yds.

855001 (05002) 320J Grade	Width 1"	**$49.95 H**
855037 (05006) 180J Grade	Width 1"	**$53.95 H**
855051 (05010) 80J Grade	Width 1"	**$55.95 H**

3M Scouring Pad



3M Scotch-Brite
General Purpose Commercial Scouring Pad - 96
It's the original nylon scouring pad and a performance pacesetter. it replaces steel wool and metal sponges, and won't leave metal slivers in hands. Long lasting, non-rusting and resilient. Dimensions: 6" x 9".

855080 (08293) **$0.95 H**

3M Scotch-Brite Hand Pads



3M Scotch-Brite Hand Pads

Light Duty Cleansing Pad. For scuffing basecoat/clearcoat finishes and light duty cleaning. Dimensions: 6" x 9". White. Sold 20 pads per box.
855087 (07445) **$34.95 H**

General Purpose Hand Pad. For scuffing primer and general purpose cleaning. Dimensions: 6" x 9". Sold 20 pads per box.
855099 (07447) **$34.95 H**

Ultra Fine Hand Pad. For light scuffing of primer and light cleaning. Dimensions: 6" x 9". Sold 20 pads per box.
855102 (07448) **$34.95 H**

3M Masking Tape



3M Tartan™ Masking Tape - 200

A utility purpose paper for holding, bundling, sealing non-critical masking and a vast number of other jobs where pressure sensitive tape is needed. Should not be subjected to outdoor or UV exposure. Typically used at room temperature but will function up to 200 degrees F. **Note:** Not to be used for paint masking. Sold 24 rolls per case.

855316	(71177) Dimensions: 1.89" x 60 yds.		**$4.95 H**



3M Scotch® Silver Weather Resistant Masking Tape - 225

The silver colored coating on the backing of this crepe paper tape reflects ultra-violet light to provide weather resistant for up to a month's time. Prevents slivering and adhesive transfer during unmasking.

855277	(02828) 3/4" x 60 yds.	48 Rolls Per Case	**$34.95 H**
855278	(02829) 1" x 60 yds.	36 Rolls Per Case	**$42.95 H**
855279	(02830) 1-1/2" x 60 yds.	24 Rolls Per Case	**$44.95 H**
855280	(04597) 2" x 60 yds.	24 Rolls Per Case	**$85.95 H**



3M Scotch® Masking Tape - 2040

This masking tape gives good protection yet removes cleanly and easily. **Note:** Not for extended outdoor use.

855190	(02991) 3/4" x 60 yds.	48 Rolls Per Case	**$5.95 H**
855203	(02992) 1" x 60 yds.	36 Rolls Per Case	**$6.95 H**
855215	(02993) 1-1/2" x 60 yds.	24 Rolls Per Case	**$10.95 H**
855239	(04365) 2" x 60 yds.	24 Rolls Per Case	**$13.95 H**



3M Scotch® Performance Masking Tape - 233 +

Scotch 233+ is a revolutionary new masking tape with enhanced performance characteristics. Ideal for use at the OEM or yard, this easily identifiable green tape is highly conformable with improved adhesive transfer resistance. Stable under a variety of outdoor conditions, 233+ provides precise color separation lines for outstanding quality results when painting or spraying gelcoat.

855179	(26334) 3/4" x 60 yds.	24 Rolls Per Case	**$5.95 H**
855178	(26336) 1" x 60 yds.	24 Rolls Per Case	**$7.95 H**
855177	(26338) 1-1/2" x 60 yds.	24 Rolls Per Case	**$11.95 H**
855140	(26340) 2" x 60 yds.	24 Rolls Per Case	**$15.95 H**



3M Scotch® Paint Masking Tape - 233

Designed specifically for the professional painter, this tape is conformable, hugs curves and contours, goes on quick and easy, sticks at a touch and stays put. Not for extended outdoor use.

855180	(06330) 1/4" x 60 yds.	144 Rolls Per Case	**$2.95 H**
855182	(06332) 1/2" x 60 yds.	72 Rolls Per Case	**$4.95 H**
855184	(06334) 3/4" x 60 yds.	48 Rolls Per Case	**$4.95 H**
855186	(06336) 1" x 60 yds.	36 Rolls Per Case	**$6.95 H**
855188	(06338) 1-1/2" x 60 yds.	24 Rolls Per Case	**$8.95 H**
855189	(06340) 2" x 60 yds.	24 Rolls Per Case	**$10.95 H**

3M Masking Tape



3M Scotch®
Long-Mask Masking Tape - 2090 - Bright Blue Color

Utilizes a synthetic adhesive system which provides U.V. stability and adhesive transfer resistance up to seven days after application. Controlled crepe paper backing makes tape conformable and smooth for use in various paint, varnish masking applications.

855481 (06817)	3/4" x 60 yds.	48 Rolls Per Case	**$4.95 H**
855493 (06818)	1" x 60 yds.	36 Rolls Per Case	**$6.95 H**
855506 (06819)	1-1/2" x 60 yds.	24 Rolls Per Case	**$9.95 H**
855518 (06820)	2" x 60 yds.	24 Rolls Per Case	**$12.95 H**



3M Scotch® Masking Tape - 2050

A medium level of adhesive tape to release cleanly and easily from previously painted surfaces, including painted wallboard. Ideal for re-paint applications. Conforms well to most surfaces, which produces an excellent paint line. Typically used at room temperature, but will function up to 200° F for up to one hour.

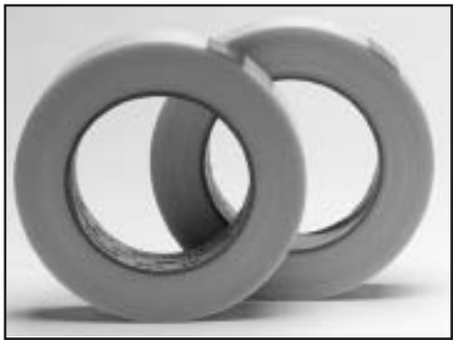
855126 (05617)	3/4" x 60 yds.	48 Rolls Per Case	**$2.95 H**
855138 (05618)	1" x 60 yds.	36 Rolls Per Case	**$4.95 H**
855164 (05620)	2" x 60 yds.	24 Rolls Per Case	**$8.95 H**



3M Scotch® Brand
Safe-Release Painters Masking Tape - 2080

This tape removes cleanly without adhesive transfer or surface damage for up to 60 days - even in direct sunlight. It is a low-medium adhesion tape that is ideal for smooth, freshly painted surfaces, striping, vinyl coated wallpaper and glass.

855519 (80988)	3/4" x 60 yds.	36 Rolls Per Case	**$6.95 H**
855520 (79748)	1" x 60 yds.	36 Rolls Per Case	**$9.95 H**
855525 (79749)	1-1/2" x 60 yds.	36 Rolls Per Case	**$14.95 H**
855532 (79750)	2" x 60 yds.	24 Rolls Per Case	**$18.95 H**



3M Paint Masking Tape - 231

A premium high performance paper masking tape designed to perform well in most industrial painting situations, including the use of bake cycles. Excellent conformability and easy tear. Can be used at temperatures up to 250° F for one hour and removes without adhesive transfer. Excellent paint flake resistance.

855117 (03777)	1" x 60 yds.	36 Rolls Per Case	**$11.95 H**
855118 (04111)	1-1/2" x 60 yds.	24 Rolls Per Case	**$11.95 H**



3M Highland™ Masking Tape - 2727

A tan smooth crepe paper treated with a heat and solvent resistant saturant. An automotive refinish masking tape with high adhesion ideal for most paint masking applications.

855320 (06544)	.94" x 60 yds.	24 Rolls Per Case	**$6.95 H**
855322 (06543)	1.89" x 60 yds.	24 Rolls Per Case	**$12.95 H**

NEW ITEM

3M General
Purpose Polyester Tape

Silicone adhesive. Used in a variety of high temperature masking applications including powder coating and flashbreaker applications. Designed to remove cleanly from most surfaces.

855417 (8951)	2" x 72 yds.	24 Rolls Per Case	**$45.95 H**

3M Paint Striping Tape

3M Scotch® Fine Line Tape - 218
Provides the finest color line separation. Green. Stretches easily yet tears easy by hand. Excellent solvent and moisture resistance. Allows taping over freshly cured lacquer, enamel and urethane paint systems sooner with less chance of imprint damage. **Note:** Not for extended outdoor use.



855330 (06301)	1/4" x 60 yds.	12 Rolls Per Case	**$16.95 H**
855227 (04698)	1/2" x 60 yds.	72 Rolls Per Case (Bulk)	**$12.95 H**
855378 (04699)	3/4" x 60 yds.	48 Rolls Per Case (Bulk)	**$17.95 H**
855380 (04700)	1" x 60 yds.	36 Rolls Per Case (Bulk)	**$21.95 H**

3M Scotchmark Green Masking Tape - 256
A treated, flatback tape with good adhesive characteristics and a surface color-coating of light green. Smooth, sharp edge and doesn't lose its shape when applied over a long, continuous horizontal surface.

855443 (04968)	1" x 60 yds.	36 Rolls Per Case	**$25.95 H**



3M Scotch® Plastic Tape - 471
A blue vinyl plastic tape that is highly conformable and is excellent for masking off areas for detailed boat and boot stripe painting. Also excellent for masking over rivets or aluminum boats. Sold in bulk.

855405 (03120)	3/4" x 36 yds.	48 Rolls Per Case	**$18.95 H**
855406 (03121)	1" x 36 yds.	36 Rolls Per Case	**$23.95 H**

3M Scotch® Premium Heavy Duty Packaging Tape - 3750

3M Scotch® Premium Heavy Duty Packaging Tape - 3750
Stronger, conformable 2.0 mil, 3M Scotchpro film that provides a consistent, uniform seal with no water or sticky cleanup. This product resists center splitting, seals out moisture, dust and dirt. Its aggressive adhesive allows tape to stick instantly and hold tightly. Clear.



855657 (06640)	1.89" x 60 yds.	36 Rolls Per Case	**$9.95 H**

3M Silver Duct Tape

3M Silver Duct Tape - 3939
Designed for general purpose use in bundling, sealing and holding applications.



855582 (06975)	2" x 60 yds.	24 Rolls Per Case	**$13.95 H**

3M Electrical Tape



3M Scotch®
Super 33+™ Vinyl Electrical Tape

A premium grade vinyl electrical insulating tape, its aggressive adhesive and elastic backing ensure easy, water-resistant conformation to irregular surfaces in low temperatures, yet will not ooze or melt in high temperatures. Abrasion-, corrosion- and UV-resistant. 10 rolls per box.

857435 (06133) 3/4" x 52' **$6.95 H**

NEW Color



3M Scotch® Vinyl Electrical Tape - 35

Use it for phase identification, marking of motor leads and piping systems and for outlining safety areas. Also used as a rigging tape. 10 rolls per case.

857447 (10810) 3/4" x 66' Red **$7.95 H**
857450 (10828) 3/4" x 66' White **$7.95 H**



3M Tartan™ Vinyl Electrical Tape

It is an American made general purpose electrical insulating tape. This tape is economical and durable with excellent resistance to a wide range of contaminants and weather conditions. 3/4" x 60'.

512168 (49656) **$1.95 G**



3M Highland™ Vinyl Electrical Tape

An economically priced tape that is 7 mils thick, tough and stretchy. Each roll cellophane wrapped. UL listed. Black. 3/4" x 66'. 10 rolls per sleeve.

857423 (16720) **$3.95 H**

3M Foam Tape



3M Double Coated Urethane Foam Tape

1/16" thick, open cell, urethane foam tape with an acrylic adhesive on both sides of the foam carrier. Used to bond irregular surfaces and good for gap filling. Holds up well under extreme cold or vibration. Off white color. 1" x 36 yds.

855948 (06455) **$63.95 H**

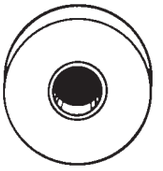
Teflon Tape



Marpac Teflon Tape

Pipe joint sealing tape. 1/2" x 50'. Sold each per skin packed A Card.

7-0305 **$2.49 F 30**



Pipe Thread Tape

Unsintered virgin PTFE self lubricates joints, making them easy to assemble and disassemble for a leak proof seal. Sold in bulk.

512144 (510W) 1/2" x 520" **$0.50 E**

3M Masking Paper


855873


855772

3M Utility Grade Masking Paper (Green)
This masking paper is designed for noncritical masking applications or when paint is applied by brush or roller. This paper is not generally recommended for spray painting applications. 12 rolls per case.

855772 (52011) 18" x 180' **$8.95 H**

3M Hand Masker Pre-Folded Masking Film Rolls
High-density, non-porous film. Used for paint masking and paint overspray protection.

855859	(06845) MF-24	24" x 180'	12 Rolls Per Case	**$11.95 H**
855873	(06848) MF-48	48" x 180'	12 Rolls Per Case	**$22.95 H**
855897	(77406) MF-72	72" x 90'	12 Rolls Per Case	**$16.95 H**
855899	(77407) MF-99	99" x 90'	12 Rolls Per Case	**$23.95 H**



Masking Paper

440785	(140718) 18" Wide x 400'		**$32.95 H**
440797	(140724) 24" Wide x 400'		**$32.95 H**
440800	(140736) 36" Wide x 400'		**$32.95 H**



3M Ready-Mask Pre-Taped Masking Film with 3M Long-Mask Masking Tape - 2090
A convenient, pre-taped plastic film which unfolds to cover and protect various surfaces while painting. Specially treated film clings to surfaces and is easy to clean up. Pre-taped with 3M Long-Masking Tape, which is sunlight stable and gives the user 7-day clean removal.

855900 (06696) 24" x 30 yds. **$11.95 H**
855901 (06697) 35" x 25 yds. **$15.95 H**

3M Scotchblok™ Masking Paper
It is tightly bonded, specially coated and manufactured specifically for automotive aftermarket applications. It is designed to be used with 3M masking tapes and 3M masking equipment. 12 rolls per case.

NEW ITEM

855784 (06732) 12" x 180' **$24.95 H**
855786 (06738) 18" x 180' **$36.95 H**



3M Hand Masker™ Premium Quality Masking Paper
Designed to minimize bleed-through and general purpose paper is ideal with water-based coatings.

855770 (77399) 12" x 60 yds. **$4.95 H**

3M Protection Tape



3M Heavy Duty Protection Tape - 346
It's abrasion resistant; 17 mil thickness gives outstanding protection against scuffing and tearing. Prevents damage to painted, varnished, gelcoated surfaces, wooden decks or fiberglass decks. Offers protection to topside surfaces and cabin soles of boats under construction or repair/restoration. 60 yds.

855619 (05418) 12" 4 Rolls Per Case **$403.95 H**

3M Filament Tape



3M Scotch Filament Tape
An economical transparent filament tape for general and miscellaneous packaging. Tensile strength is 300 lbs./inch.

855669 (06939) .94" x 60 yds. 36 Rolls Per Case **$8.95 H**

Polyfilm Rolls - Clear

440747	(410C) 10' x 100'	4 Mil	**$52.95 H**
440759	(220C) 20' x 200'	2 Mil	**$105.95 H**
440761	(420C) 20' x 100'	4 Mil	**$105.95 H**
440773	(620C) 20' x 100'	6 Mil	**$422.95 H**

3M Cleaners



3M General Purpose Adhesive Cleaner
A specially blended solvent that provides easy cleanup of most types of adhesives and quickly removes waxes, greases, oil and tars. Sold 6 per case.

856525 (08987) 20 fl. oz. **$15.95 H**
856536 (08984) Quart **$21.95 H**



3M Citrus Base Industrial Cleaner
An aerosol, all-natural cleaner which will dissolve and flush away dirt, grease, tar, most non-curing type adhesive films, and similar substances. It is a citrus oil based cleaner that emulsifies when flushed with water. it contains no petroleum distillates. It can be used to clean and degrease metal parts, motors, tools, concrete, or any dirty or greasy surfaces. Contains no methylene chloride, 1, 1, 1-trichloroethane or chlorofluorocarbons. Sold 12 per case.

857411 (76394) 24 fl. oz. **$29.95 H**

NEW ITEM

3M Citrus Base Adhesive Remover
A multi-purpose aerosol cleaner effective in removing many partially dried and some types of fully cured adhesives without leaving a residue.

856527 (49048) 24 fl. oz. **$25.95 H**



NEW ITEM

3M Sharpshooter Extra Strength No Rinse Cleaner
This no-rinse cleaner removes tough stains such as grease, lipstick, crayon, black heel marks, pencil marks and smoke film from most washable hard surfaces.

857415 (19344) Quart **$15.95 H**

3M Adhesives



3M High Strength Adhesive
It is the fastest drying, high strength aerosol contact adhesive that 3M offers. Drying in just one to two minutes, substrates that are to be bonded can be assembled faster for improved productivity. Bonds difficult substrates including: Polyethylene, polyproplylene, many other plastics. 24 fl. oz.

856522 (30023) **$31.95 H**

Applies translucent adhesive in a controlled lace pattern. For two-surface bonding only. Bonding 15 minutes is recommended. 47.7 lbs.

856542 (41554) **$516.95 H**



3M Quick Fix Adhesive
A strong, rapid-bonding, convenient-to-use adhesive. It has excellent adhesion to most rubber, weatherstripping, vinyl, metals, glass, wood and plastics as well as excellent resistance to temperature extremes, shock and most marine chemicals and fluids. Clear. Sold 12 per case.

856530 (08155) 1 oz. Bottle **$23.95 H**



3M Super Weatherstrip and Gasket Adhesive
For adhering all types of weatherstrip to doors. Very fast drying, exceptional bonding strength. Used as a gasket adhesive on engines. Yellow. Sold 6 per case.

856533 (08001) 5 oz. Tube **$9.95 H**



3M Super 77™ Multipurpose Adhesive
High tack, high coverage and fast drying for permanently attaching foils, carpeting, lightweight foams, paper, cardboard, felt and, cloth to painted or unpainted metals, wood and hardboard. Low VOCs. Does not contain ozone-depleting CFCs. Sold 12 per case.

856537 (21210) 24 fl. oz. **$23.95 H**



3M Super Trim Adhesive
Fast acting, high strength, aerosol contact adhesive designed for two surface application. This adhesive is resistant to heat and plasticizing oils and is excellent for attaching vinyl, insulation, foam, padding and rubber parts to metal and other surfaces. Yellow. Sold 6 per case.

856535 (08090) 19 fl. oz. **$26.95 H**



3M Feathering Disc Adhesive
It is specially formulated to allow multiple disc applications without adhesive buildup or paper delamination. Discs remove easily and cleanly. Sold 6 per case.

856534 (08051) 5 oz. Tube **$16.95 H**

3M Safety Products



3M



856625

3M Dual Cartridge Respirator Assembly

This NIOSH/MSHA approved maintenance-free respirator offers a new level of comfort and protection in painting applications. Not for use against paints containing isocyanates. Medium. Includes one pair of 5P71 P95 particulate filters and one pair of 501 filter retainers.

856611	(52P71)	Medium	**$33.95 H**
856623	(53P71)	Large	**$33.95 H**
856625	(5P71)	Particulate Filter - 10 Filters Per Box	**$25.95 H**

3M





854300

3M 7500 Series Reusable Respirators

Made from soft, resilient silicone and heat-resistant plastics. Yoke won't get hot to the touch like metal yokes. New valve design helps make breathing easier and helps reduce heat and moisture buildup in the facepiece. Advanced silicone material provides a softer feel on the face. Dual-mode head harness.

857051	(37083)	Large	**$38.95 H**
854300	(2097)	Particulate Filter	**$13.95 H**

3M





857031



857033



857035

3M 6000 Series Full Facepiece Respirators

This respirator is a lightweight balanced respirator. It has a soft, lightweight facepiece material. Easy-to-adjust headstraps to allow maximum comfort. This respirator requires only limited maintenance time. Just clean as directed between uses. No retainers or extra parts are required to attach filters, cartridges or dual airline. NIOSH approved.

857053	(54146)	Medium - 6800	**$204.95 H**
857054	(54159)	Large - 6900	**$204.95 H**
856655	(52634)	Replacement Faceshield Cover	**$48.95 H**
857035	(37004)	Repl. Nose Cup Assembly - 6894	**$37.95 H**
857033	(37006)	Replacement Lens Assembly - 6898	**$97.95 H**
857031	(21511)	Filter Adapter	**$60.95 H**

3M



854299



3M 6000 Series Low-Maintenance Respirators

The 6000 Series Respirator is a NIOSH/MSHA approved half-mask respirator that is adaptable to a wide range of respiratory protection. Its low maintenance, comfortable design allows greater worker flexibility by the use of five different type cartridges and two types of prefilters for a variety of work environments. Cartridges are simply twisted on or off of the facepiece for easy replacement which allows the facepiece to be used over & over. Supplied with a storage bag.

857044 (07025)	Medium - 6200		**$17.95 H**
857046 (07026)	Large - 6300		**$17.95 H**
854299 (2091 P100)	Particulate Filter	Sold 2 Per Pack	**$9.95 H**
854287 (2071 P95)	Particulate Filter	Sold 2 Per Pack	**$5.95 H**
854984 (05N11)	Prefilter	Sold 10 Per Pack	**$21.95 H**
854996 (00501)	Prefilter Retainer	Sold 20 Per Box	**$50.95 H**
857041 (21674)	Organic Vapor Cartridge		**$14.95 H**
857039 (07047)	Organic Vapor/Acid Gas Cartridge		**$16.95 H**
857037 (46465)	Cart./Filter 60921, Organic Vapor/P100		**$30.95 H**



857037



857041

MSA



MSA Ultra-Twin Full Facepiece Respirator

Features an inturned lip around the edge for a secure, comfortable seal against the face, a large chin cup for easy positioning, as well as five suspension headstraps and roller buckles that hold the facepiece in place while minimizing hair entanglement. The wide polycarbonate lens resists scratching and chemical attack and is held in place by a two-piece lens ring which is color-coded to indicate the size of the facepiece. The Ultra-Twin includes a speaking diaphragm for clear, short-range communications, a nosecup to reduce lens fogging and uses the full line of Comfo cartridges and filters. Silicone.

773227 (480259) Medium **$277.95 D**

3M



3M Respirator Cleaning Wipes

These individually wrapped 3M Respirator Cleaning Wipes are designed especially for use with the 3M 5000 Series, 6000 Series and 7000 Series Half Mask and Full Facepiece Respirators. The alcohol-free formula cleans the respirators without any negative effect upon facepiece materials. Conveniently packaged in a dispenser style box that can be wall mounted for easy access.

856659 (504) Sold 100 Per Box **$58.95 H**

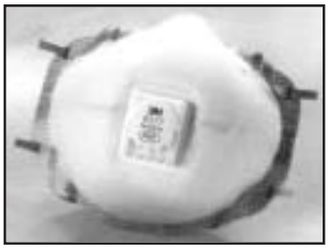
3M Safety Products



3M 8247, R95 Particulate Respirator

Constructed with 3M recommended nuisance level for organic vapor relief. For use in applications such as foundries, undercoating, petrochemical operations and agricultural situations where particles are present with concentrations of organic vapors below the OSHA PEL. The respirator filter is NIOSH certified to provide at least 95% efficiency against solid and liquid particles, including oils. Features a layer of carbon to remove organic vapors at levels below the OSHA PEL. Not to be used in situations where hydrogen fluoride or acid gas concentrations exceed OSHA PEL. Sold 20 respirators per bag.

856572 (8247 R95) **$119.95 H**



3M 8577, P95 Particulate Respirator

This respirator is constructed with 3M recommended nuisance level for organic vapor relief. Commonly used where particulate contaminants are found with low levels of organic vapors. Applications would include boat manufacturing, undercoating, food processing and petrochemical operations. The 3M Cool Flow Exhalation Valve and nose clip enhance the comfort and fit of the respirator. **Note:** Replaces #9913. Sold 10 respirators per box.

856641 (8577 P95) **$57.95 H**



3M 8210, N95 Particulate Respirator

Meets NIOSH 42 CFR 84 N95 requirement. Adjustable nose clip. Reduces the potential for eyewear fogging. Lightweight construction Excellent worker protection. Basic design. No spare parts to clean and maintain. **Note:** Replaces #8560. Sold 20 respirators per box.

856630 (8210 N95) **$27.95 H**



3M 8212, N95 Particulate Respirator

Designed for welding, torch cutting, soldering, brazing and working with molten metals, the 8212 respirator fits easily under welding hoods. Provides protection when welding on galvanized and stainless steel. Constructed for easier breathing and secure fit. Features: Cool Flow exhalation valve, adjustable straps, Advanced Electret Media, cake-resistant filter media and faceseal. Sold 10 respirators per bag.

856560 (8212 N95) **$87.95 H**



3M 8511 Particulate Respirator

The 3M Cool Flow Exhalation Valve reduces heat and humidity build up inside the respirator. Wearers will appreciate the added comfort and durability found in this respirator. The innovative "M" nose clip helps provide a good seal against the face. Sold 10 respirators per box.

856550 (8511) **$30.95 H**



3M 8000, N95 Particulate Respirator

Helps to filter out fine airborne particles including pollens, dander, mite allergen, mold spores, and microrganisms. Meets NIOSH 42 CFR 84 N95 requirements. TC-84A-3981. Patented filter media with advanced electrostatically charged microfibers help make breathing easier and cooler for enhanced user comfort. Lightweight construction enhances worker comfort and wear time. Adjustable noseclip reduces eyewear fogging & helps ensure a better seal and fit. Sold 30 respirators per box.

856545 (8000 N95) **$18.95 H**

3M Safety Products



3M Safety Goggles
They're designed to fit individual face sizes and will fit over most prescription glasses. For sawing, drilling, routing, grinding, sanding and wire brushing. Ventilation holes help prevent fogging.

856558 (8567ES) **$5.95 H**



3M Safety Goggles - Perforated
Are perforated, soft and comfortable with flexible vinyl frames. These goggles are for general use and should not be worn in areas where chemical splashes and fumes may be present

362311 (37102) **$2.95 H**



3M Sting-Rays Protective Eyewear
It has lightweight, contemporary style frames that offer side and brow protection. The lens are made of durable, hardcoated polycarbonate.

856651 (37104) Clear Lens **$6.95 H**
856652 (76803) Smoke Lens **$6.95 H**



3M Faceshield Kit
856649 (37106) Faceshield Kit **$27.95 H**
856654 (37107) Replacement Visor **$8.95 H**



3M 1435 Ear Muff
This 3M Ear muff is safety orange in color. It has a forked adjustable headband for fit and comfort. The molded noise suppression inserts and ear cushions are replaceable.

856584 (1435) **$22.95 H**



3M Ear Plugs
Use to protect hearing from loud and constant noises generated by grinding, sanding, buffing, engine work and other marine operations. Provide comfortable and effective noise reduction with the convenience of disposability. Sold 200 pairs per box.

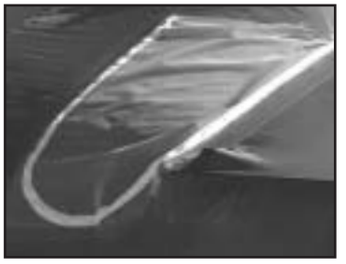
856596 (1100) **$34.95 H**



3M Omega II™ Ratchet Suspension Hard Hat
White. Ratchet suspension. When properly used, this hard hat helps provide both safety and comfort. Cushioned brow pad absorbs moisture to keep wearer cool and comfortable. Six point woven nylon suspension.

856645 (76813) **$20.95 H**

Winterizing Products - Shrink Wrap Installation



Shrink Wrap Access Doors

281105	(ADB1)	30′ x 36′	Blue	**$13.95 G**
281117	(ADB2)	36′ x 48′	Blue	**$23.95 L**
281206	(ADW1)	30′ x 36′	White	**$18.95 L**
281218	(ADW2)	36′ x 48′	White	**$24.95 L**
281307	(ADC1)	30′ x 36′	Clear	**$18.95 L**
281319	(ADC2)	36′ x 48′	Clear	**$24.95 L**



Shrinkfast 998 Heat Tool

With its UL listing, the 998 is designed to handle the toughest industrial jobs with several built-in safety mechanisms: A "dead man" trigger is designed to automatically shut off the flame once the trigger is released. Also, the Shrinkfast patented combustion cycle allows the flame to burn outside the nozzle, which remains cool to the touch, even after extensive use. 212,000 BTUs.

279504 (998) **$836.95 H**

279516 (198100) 6′ Extension for **279504** (998) **$661.95 G**

Shrinkfast 975 Heat Tool

This heat shrink tool is the most economical gun suitable for shrink wrapping your boat. It is completely portable and hand-held. With no electrical connections and weighing only three and one half pounds, it can easily be carried to any job inside or out. 125,000 BTUs.

279528 (975) **$808.95 D**



Dr. Shrink Heat Tool - DS-789

It is a lightweight (2.1 pounds), yet powerful propane fueled Shrink Wrap Gun. It puts out 300,000 BTU's at maximum power, but is variable from 10,000 BTU's upward through use of the trigger. Kit includes: 25' propane hose, Adjustable regulator, Professional training CD, and 18" extension. Optional 24" and 40" extensions.

227896 (DS-789) **$645.95 H**



Shrink Wrap Rolls

Our Shrink Wrap is tough! Shrinks uniformly and easier than most others. U.V. inhibitors added. Best quality guaranteed! 7 mil. 200# rolls.

205662	(SW14B)	14′ x 425′	Blue	**$557.95 H**
205674	(SW16B)	16′ x 372′	Blue	**$557.95 H**
205678	(SW18B)	18′ x 330′	Blue	**$557.95 H**
205686	(SW20B)	20′ x 298′	Blue	**$557.95 H**
205698	(SW24B)	24′ x 248′	Blue	**$557.95 H**
205713	(SW28B)	28′ x 213′	Blue	**$557.95 H**
205725	(SW32B)	32′ x 186′	Blue	**$557.95 H**
205737	(SW40B)	40′ x 149′	Blue	**$557.95 H**
205749	(SW14W)	14′ x 425′	White	**$548.95 H**
205751	(SW16W)	16′ x 372′	White	**$548.95 H**
205756	(SW18W)	18′ x 330′	White	**$548.95 H**
205763	(SW20W)	20′ x 298′	White	**$548.95 H**
205775	(SW24W)	24′ x 248′	White	**$548.95 H**
205787	(SW26W)	26′ x 229′	White	**$548.95 H**
205799	(SW28W)	28′ x 213′	White	**$548.95 H**
205802	(SW32W)	32′ x 186′	White	**$548.95 H**
205814	(SW40W)	40′ x 149′	White	**$548.95 H**
205889	(SW20C)	20′ x 298′	Clear	**$535.95 H**
205903	(SW26C)	26′ x 229′	Clear	**$535.95 H**
205927	(SW32C)	32′ x 186′	Clear	**$535.95 H**

Generic

205804	(SW36W)	36′ x 149′	White	**$548.95 H**
205820	(17W)	17′ x 105′	White	**$182.95 H**
205822	(20W)	20′ x 89′	White	**$182.95 H**
205824	(24W)	24′ x 74′	White	**$182.95 H**
205826	(28W)	28′ x 63′	White	**$182.95 H**

Poly America

374000	(SF0717350)	17′ x 350′	White	**$674.95 H**
374010	(SF0720298)	20′ x 298′	White	**$674.95 H**
374020	(SF0724248)	24′ x 248′	White	**$674.95 H**
374030	(SF0726229)	26′ x 229′	White	**$674.95 H**
374040	(SF0728213)	28′ x 213′	White	**$674.95 H**
374050	(SF0732186)	32′ x 186′	White	**$674.95 H**
374060	(SF0740149)	40′ x 149′	White	**$674.95 H**



Dr. Shrink Prepaid "REBAG" Kit

Put a prepaid "REBAG" recycling kit in each boat you cover (two bags in boats over 26′ long). When the boat is uncovered the shrink wrap is put in the "REBAG", the designated shipper is called and the shrink wrap is picked up at your doorstep at no additional charge. Cuts your disposal costs.

227810 (DS-RBAG-K) **$46.95 H**

Winterizing Products - Shrink Wrap Accessories



Dr. Shrink Film Cutting Knives
Great for cutting shrink wrap film and the various tapes and installing the access doors.

228103 (DS-007D) Film Cutting Knife - Disposable **$2.95 Q**
228115 (DS-007) Film Cutting Knife - Professional **$14.95 G**
228118 (DS-007R) Replacement Blades for DS-007 **$7.95 G**

Dr. Shrink Support Pole Caps
Use with 2 x 4 to create your own supports

227757 (DS-CAPS) **$1.95 H**



Dr. Shrink Foam Padding
For padding sharp edges. 6" x 75' roll.

227795 (DS-675F) **$29.95 H**



Dr. Shrink Woven Cord Strapping
Used to hold supports and for perimeter band and belly bands.

227808 (DS-50015) 1/2" x 1,500' **$43.95 H**
227809 (DS-500) 1/2" x 3,900' **$104.95 H**
227822 (DS-750) 3/4" x 2,100' **$91.95 G**



Stealth Self-Piercing Louvered Vent
Approximate dimensions 8" long x 4.5" wide x 1" high. This vent easily pieces shrink wrap to allow good air flow. White.

222722 (BSP-1) **$2.95 H**



Dr. Shrink Weather-Tight Self-Adhesive Vent
Made of sturdy polyethylene with maximum UV inhibitors and screened bases. 4" x 5" x 1-1/8" High.

227719 (DS-683) **$2.95 H**



Dr. Shrink Metal Buckle
Used to connect strap ends. Sold 100 per bag.

227834 (DS-050) 1/2" Standard **$6.95 R**
227846 (DS-075) 3/4" Heavy Duty **$7.95 R**



Dr. Shrink Strap Tensioning Tool
Used to tighten straps. For standard or heavy duty strapping.

227858 (DS-15) **$88.95 G**

Winterizing Products - Shrink Wrap Accessories



Blue Poly Covers

8 X 8 weave, woven and coated polyethylene. P.P. Rope in hem. Aluminum grommets every 3 ft. including corners.

459051 (BPC068)	6′ x 8′	**$5.95 L**
459102 (BPC0810)	8′ x 10′	**$8.95 L**
459152 (BPC0812)	8′ x 12′	**$10.95 L**
459203 (BPC1012)	10′ x 12′	**$13.95 L**
459253 (BPC1015)	10′ x 15′	**$16.95 L**
459304 (BPC1020)	10′ x 20′	**$22.95 L**
459354 (BPC1216)	12′ x 16′	**$21.95 L**
459405 (BPC1220)	12′ x 20′	**$27.95 L**
459758 (BPC3040)	30′ x 40′	**$137.95 L**

3M

NEW ITEM



3M Preservation Sealing Tape - 4811

3M Preservation Sealing Tape 4811 is a white polyethylene backing with a unique rubber adhesive that provides excellent performance as an industrial preservation tape.

855410 (62334)	2″ x 36 Yards	24 Rolls Per Case	**$57.95 H**



Dr. Shrink Preservation Tape - White

Has a very aggressive adhesive on it that won't leave an adhesive residue, plus UV inhibitors in the backing for long term usage. This allows this tape to be stuck directly to the hull and not leave an adhesive residue when removed. This is the tape to use to adhere the edges of your shrink wrap film to the hull for transport, to prevent air from getting underneath. Length 108′. 10 mil.

227997 (134WH48X33PE)	Width 2″	**$16.95 H**
228002 (DS-713W)	Width 3″	**$25.95 H**
222801 (134WH96X33PE)	Width 4″	**$33.95 H**

Dr. Shrink Heat Shrink Tape

Heat Shrink Tape is for repairing holes in the heat shrink wrap, for taping pleats, and for attaching zipper access doors after the shrink wrap film has been heat shrunk. When applied it should be lightly heated to warm the adhesives if it is applied in cold or damp weather. Length 180′. 9 mil.

227909 (DS-702B)	Width 2″	Blue	**$12.95 G**
227911 (DS-704B)	Width 4″	Blue	**$25.95 F**
227923 (DS-706B)	Width 6″	Blue	**$38.95 F**
227935 (136WH48X55PE)	Width 2″	White	**$12.95 H**
227947 (136WH96X55PE)	Width 4″	White	**$25.95 H**
227959 (136WH14455PE)	Width 6″	White	**$38.95 H**
227961 (DS-702C)	Width 2″	Clear	**$12.95 H**
227973 (DS-704C)	Width 4″	Clear	**$25.95 H**
227985 (DS-706C)	Width 6″	Clear	**$38.95 H**

N.A. Taylor D-Icer

Taylor Made Products



N.A. Taylor D-Icer

The innovative motor design, high-efficiency, and extra features leave the competition behind. A superior product that costs no more than the competition. It is a powerful submersible motor-driven water circulation unit that prevents ice formation during winter months by continuously propelling warmer subsurface water up to the surface. The D-Icer keeps the area ice-free. It's ideal for use around a boat or dock. The unique one-piece design of the shroud prevents large debris from being sucked through and damaging the propeller, a major cause of failure in other ice prevention devices. Optional thermostat control is available, as well as an optional flotation collar to hold the D-Icer near the surface for aerating. Oil-Free design is more energy efficient than the typical Oil-Filled units. 2 Year Warranty.

279768 (6208D)	D-Icer 3/4 HP, 120 Volt	**$639.95 E**
279782 (6205D)	D-Icer 1/2 HP, 120 Volt	**$573.95 E**
279807 (6216)	Thermostat for Fresh Water	**$97.95 E**
279809 (6215)	Thermostat for Salt Water	**$90.95 E**

Anti-Freeze - Non-Toxic



Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

Special Handling May Apply

Star Brite -50° F RV/Marine Anti-Freeze

Protects water systems from freeze ups. Use in boats, RV's, vaction homes and pools. Safe for copper, brass and all types of plastic. Non-toxic propylene glycol formula. Pink Color.

452209 (31400) Gallon **$10.95 H**
452212 (314G55) Drum **$509.95 C**



Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

Special Handling May Apply

Star Brite -100° F RV/Marine Anti-Freeze

Non-toxic propylene glycol formula. Safe for use in all engines, including aluminum. Contains advanced corrosion inhibitors to protect all metals. Blue Color.

452214 (31500R) Gallon **$18.95 C**
452217 (315G55) Drum **$990.95 C**



Winter Safe -50° F Anti-Freeze

Safe for copper, brass and all types of plastic. Non-toxic virgin propylene glycol formula. Ethanol-free. Protects water systems & engines from freeze ups during storage. Contains corrosion inhibitors to protect all metal engine components and seals.

452235 (31200) Gallon **$6.95 C**



Star brite
NUMBER ONE IN MARINE CARE PRODUCTS

Special Handling May Apply

Star Brite Do-It-Yourself Winterize Kit

Kit quickly and easily adds antifreeze to inboard and outboard engines. Removes zebra mussels and other marine growth to keep your engines running cool.

460903 (35001) **$73.95 G**

Special Handling May Apply

Camco Anti-Freeze

Protect your RV's potable water system from freeze damage. Camco anti-freezes inhibit fouling and corrosion while preventing algae growth. They also help in lubricating pumps and valves throughout the system. Choose a temperature-specific product designed for your winterizing needs.

Camco - 50° F Freeze Ban Anti-Freeze

206309 (30767) Gallon **$9.95 L**
206311 (30768) Drum **$515.95 L**

Camco - 100° F Winter Ban Anti-Freeze

206347 (30787) Gallon **$17.95 L**
206359 (30788) Drum **$980.95 L**

Camco Premium Ban Frost 2000 Anti-Freeze

206361 (30627) Gallon **$25.95 H**
206373 (30628) Drum **$1,370.95 H**



Anti-Freeze - Permanent



Special Handling May Apply

Uni-Gard Freeze Proof -100° F Anti-Freeze

Premium propylene glycol - based anti-freeze and heat transfer fluid. Premixed for easy application. Provides flow protection to -60° F.

478520 (131411) Drum **$846.95 L**



Special Handling May Apply

Houghton "Security" H.D. Permanent E.G. Anti-Freeze

Etholene Glycol Formula specially formulated for gas or diesel engines. Toxic and NOT for use in drinking water systems Fushia color.

452108 (630706) Gallon **$29.95 L**



Rotella ELC Extended Life Coolant/Anti-Freeze

It is recommended for use in heavy duty diesel, gasoline and natural gas engines by Caterpillar, Navistar, Cummins, Detroit Diesel, Volvo and other manufacturers. Made with ethylene glycol. Full cases only.

980955 (ELC100) Concentrate, Gallon **$44.95 G**
980967 (ELC50) Pre-Diluted 50/50, Gallon **$23.95 G**

Minn Kota - Cannon Downriggers

Cannon downriggers allow you to place the right lure at the right depth at the right time...and keep it there until a fish strikes.



Minn Kota - Cannon Uni-Troll 5 Downrigger

Features a high-speed retrieve mechanism to maximize your fishing time. Engineered to last with a clutch/brake for safer weight descent and a ball storage hook to protect the boat from the cannonball. Powerful options enjoy the added versatility and strength of 200 ft. of camouflage stainless steel cable mounted on a 24" heavy duty boom. High-speed retrieve raises weight 50% faster with reduced cranking effort. Vertical spool designed with clutch/brake system for safe, controlled one-handed weight descent. 3-digit depth counter. 24" heavy-duty boom. Ball storage hook prevents boat damage from swinging weights. Rod holder and line release. Pre-spooled with 200' of camouflaged 150 lb test 316 grade stainless steel cable. Saltwater-resistant construction.

477049 (1901105) **$209.95 C**



Minn Kota - Cannon Uni-Troll Downrigger

It's clutch/brake system allows safe, convenient one-handed operation. Pull back slightly on the reel handle to start the weight down, and crank forward a bit to stop at any depth, as shown on the 3-digit counter. The slow, controlled descent of the weight prevents the reel backlash or cable twist that can occur in other downrigger brands. Has a low-profile frame and saltwater-tough construction. Downrigger, base and boom in one package. High-speed retrieve gets the weight up fast with little effort. Low-profile frame with quick mount base. High-visibility depth counter. Ball storage hook prevents weight damage to boat. Heavy-duty telescopic boom. 2-position mounting base. Positive-locking rod holder (recommended maximum: 30 lb. test line). 200'/150 lb. test corrosion resistant 316 stainless steel cable.

477053 (1901110) **$421.95 C**



Minn Kota - Cannon Magnum 10 Downrigger

A strong, compact electric motor that is so dependable, it's guaranteed for life. Combined with Cannon's clutch/brake control, it provides a smooth descent of the weight. The 3-digit counter tells you when you've reached the desired depth. It also makes quick work of raising the weight, so you can get it up and out of the way fast. For fishermen who head for big lakes, the Magnum 10 delivers a dependable day's work, day in and day out. Positive Ion Control creates fish-attracting electric field around your boat. Strong, compact low-amp-draw motor is guaranteed for life. Heavy-duty telescopic boom. Ball storage hook prevents weight damage to boat. Short-Stop stops weight safely and automatically at water level. Positive-locking rod holder (recommended maximum: 30 lb. test line). 200'/150 lb. test stainless steel cable.

477052 (1902105) **$749.95 C**



Minn Kota - Cannon Mag 20 DT Downrigger

Includes downrigger, swivel base and telescopic boom. Positive Ion Control with adjustable voltage, lets you regulate the fish-attracting electrical field around your boat. 235' per minute retrieve is the fastest on the market. Short-Stop safely stops weight retrieve at water line. Line release. Mounting base. Heavy duty telescopic boom. 3-digit depth meter tells you how deep you are. Ball Storage hook prevents weight damage to boat. Positive-locking rod holder (recommended maximum: 30 lb. test line). Positive-locking rod holder (recommended maximum: 30 lb. test line). Easy-to-use toggle switch. 400'/150 lb. test corrosion-resistant stainless steel cable.

477050 (1902205) **$1,031.95 C**

Humminbird CannonLink Downrigger Controller

The CannonLink System Module enables any Fishing System to control the operation of up to 6 Cannon Mag20 DT and the Mag20 DT/HS downriggers. Through an intuitive menu controlled from the Fishing System, the user can quickly set-up and update settings that operate the downriggers. When fishing short-handed on the boat, the CannonLink module enables the captain to easily operate the downriggers from the console, while the mate tends to the rigging lines.

402805 (406930-1) **$258.95 F**

HUMMINBIRD



TACO Outriggers



TACO Grand Slam 270 Outrigger - Top Mount

Finally a Top mount that can be installed on a plate on your T-Top, hardtop or arch and can operate from underneath. Installation is easy with a bolt down application. The Grand Slam™ is a premium outrigger holder. Fits most 15′ and 18′ outriggers. 1-1/2″ ID base to fit heavy duty 15′ and 18′ outriggers. Durable anodized aluminum & stainless steel components and Delrin™ bushings. 12 positive locking positions for maximum fishing area coverage. Easy to use lever that pulls down to swing outrigger away from boat into fishing position. Multi angular arm features strong stainless steel construction with optimum positions for fishing, lay down for bridges, storage and trailering.

444165 (GS-270) **$979.95 E**



TACO Grand Slam 250 Outrigger - Top Mount

Mount can be installed on a plate on your T-Top, hardtop or arch and opeartes from underneath. Installation is easy with a bolt down application. Fits most 15′ and 18′ outriggers.1-1/2″ ID base to fit heavy duty 15′ and 18′ outriggers. Durable with top quality anodized aluminum and stainless steel components and delrin bushings.

444149 (GS-250F) Fixed 55° Bend **$664.95 E**



TACO Sport Slam Outrigger - Top Mount

1-1/8" ID Sport Slam Outrigger Bases. Innovative bolt down mount. Ideal for smaller center consoles from 15 to 21 feet. Operates from above the top with an easy spring pin that offers multiple fishing positions. Also has the lay down arm feature for bridge clearance and trailering.

444137 (GS-100A) **$608.95 E**



TACO Outriggers - Side Mount

Marine grade 316 stainless steel side mount bolts flush to consoles and cabins, ideal for boats without a T-top or hard top. Patented hex nut design and removable ambidextrous arms offer multiple fishing positions. 45° arm and backing plate. Sold in pairs.

444070 (F16-1460-1) Diameter 1-1/8″ **$253.95 E**



TACO Striker Base Outrigger - Gunnel Mount

12 locking positions with our hex nut design including stand up and lay down. Manufactured to very high standards using marine grade cast 316 stainless steel. Ambidextrous arms. Welded locking adapter for maximum strength. Removable arms for unobstructed decks. Template included for installation. Bases compatible with Lee, Perko and Rupp outrigger poles. Length 5-1/8″. Width 2-5/8″. 1-1/8″ butt end. Sold in pairs.

444101 (F16-0212-F) **$125.95 E**

TACO Outrigger Accessories



TACO Outrigger Base Reducer
Reduces inner diameter from 1-1/2" to 1-1/8" to accept the 1-1/8" butt end diameter outriggers. Aluminum. Sold each per poly bag.

444010 (GSC-0025) **$59.95 E**



444175



751229

TACO Backing Plate for Grand Slam Mounts
Used for additional support for the bases. Width 5". Length 6". 3/8" thick. Anodized aluminum.

444175 (BP-150) **$56.95 E**

TACO Wedge Plate
For curved T-top application. Width 4". Length 6". 7 degree wedge. White.

751229 (WP-150WHA) **$69.95 E**



TACO Clamp-On T-Top Mounting Plate
These mounting plates make a boat "Outrigger Ready" in an instant, without welding! Pre-drilled for mounting TACO Grand Slams. Designed for 3/4" and 1" IPS pipe and 1" x 1-1/2" oval pipe, common on most T-top outer rings and radar arches. Recessed screw design allows the clamp to capture both the T-Top pipe and the special mounting plate. Length 30". Sold in pairs.

444187 (GSE-1002-1) **$446.95 E**



TACO T-Top Extrusion for Grand Slam Mounts
Polished, bright dip anodized. Heavy duty extrusion for mounting T-top legs to top frame, while providing mounting for Grand Slam outrigger mounts, electronics boxes, antennas and to conceal wire routing. Can be pre-drilled for Grand Slam and Sport Slam mounts. Height 7/8". Width 5-1/8". Length 20".

444200 (GSE-1939BXY20-1) **$92.95 E**

TACO Outrigger Line Caddy



TACO Outrigger Line Caddy
An easy way to store line while outriggers are rigged and in the retracted position. By simply attaching the pair of outrigger line caddy ears onto the outrigger pole at the desired destance, the excess rigging line is wrapped around the outrigger caddy ears to keep lines neat and orderly. Made of durable black plastic. Inside diameter: 1-1/8" - 1-1/2". Sold per pair.

444122 (F40-0030BKA-1) **$25.95 E**

TACO Outrigger Rigging Kits





TACO Outrigger Standard Rigging Kit
To rig 1 pair of outriggers up to 22'. Includes: 2 release clips, shock cord with chrome plated snaps and glass eye, barrel swivels, snap swivels, crimps, stainless steel pad eyes and screws, 100' of UV protected dacron line. All packaged in a durable blue marine mesh bag. Black line.

444009 (RK-0001SB) **$44.95 E**

TACO Outrigger Premium Rigging Kit
To rig 1 pair of outriggers up to 22'. Includes: 2 quality release clips, shock cord with stainless steel snaps and pulley, barrel swivels, snap swivels, crimps, stainless steel pad eyes, balsa wood floats and screws, 100' of UV protected dacron line. All packaged in a durable blue marine mesh bag. Black line.

443995 (RK-0001PB) **$50.95 E**

TACO Outrigger Center Rigging Kit
Contains everything you need to rig one center rigger pole. Includes: Swivel eyes, nylon line and release clip and 50' of UV protected dacron line. All packaged in a durable blue marine mesh bag. Black line.

444000 (RK-0001PCB) **$29.95 E**

Marpac Outrigger Pole and Holder Kit



Marpac Outrigger Pole and Holder Kit
Includes: (1) **7-0098** - Outrigger pole holder and (1) **7-0631** - Telescoping outrigger pole.

7-0630 **$145.95 E**

Marpac Outrigger Pole and Holder



Marpac Telescopic Fiberglass Outrigger Pole
Retreats to 5-1/2" fits outrigger holders with a 1-1/8" butt diameter. Supplied with line guides. Sold per pair.

7-0631 **$82.95 F 3Q**



Marpac Outrigger Pole Holder
Heavy duty cast 316 stainless steel. Flush mount for 1-1/8" poles. Adjustable tube positions will accommodate fiberglass outrigger poles with a 1-1/8" butt diameter. Base dimensions 2-1/2" x 5". Uses 1/4" fasteners. Sold per pair.

7-0098 **$99.95 F 3Q**

TACO Telescoping Outrigger Poles



TACO Telescoping Outrigger Poles

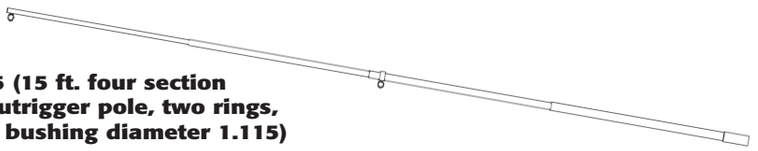
Anodized aluminum black and silver with gold rings and tips. Easy operation with stainless button clip. Telescopes to less than 6' for bridge clearance, trailering and storage. Designed for universal use with Grand Slams, Sport Slams, Striker Bases and other brands of mounts.

444012 (OT-0441VEL15)	Length 15'	1-1/8" OD Base	Silver with Gold Rings and Tips	**$358.95 E**
444024 (OT-0441BKA15)	Length 15'	1-1/8" OD Base	Black with Gold Rings and Tips	**$358.95 E**
444050 (OT-0551VEL186)	Length 18'	1-1/2" OD Base	Silver with Gold Rings and Tips	**$538.95 E**
444062 (OT-0551BKA186)	Length 18'	1-1/2" OD Base	Black with Gold Rings and Tips	**$538.95 E**

Heavy Duty Telescoping Outrigger Poles.

444048 (OT-0541BKA15-HD)	Length 15'	1-1/2" OD Base	Black with Gold Rings and Tips	**$426.95 E**
444036 (OT-0541VEL15-HD)	Length 15'	1-1/2" OD Base	Silver with Gold Rings and Tips	**$426.95 E**

Lee's Aluminum Outrigger Poles



444555 (15 ft. four section Skiff outrigger pole, two rings, plastic bushing diameter 1.115)

Lee's Aluminum Outrigger Poles

This most complete selection of outrigger poles have been engineered to give you the strongest and most durable poles available. For greater stiffness and strength the wall thickness of the tube is increased with the diameter to make a pole which will stand up under rough water use and give best action to the trolled bait. They are preferred by leading sport and charter boat fishermen all over the world. Made of noncorrosive alloy and anodized for the best corrosion resistant finish possible. A plastic bushing is molded at bottom end to fit holders and prevent electrolysis. Easily dismounts to 4' length for storage. Quickly assembled and held internally by threads. Sold per pair.

444555 (AP-3015) 15' x 1.115 OD **$175.00 E**

Perko Deck Mount Outrigger Pole Holder



Perko Fig. 1314 Deck Mount Outrigger Pole Holder

Removable tubes lift and turn to three positions: Vertical, fishing and lowered. Universal tubes may be used on either side. Supplied in pairs consisting of two mounts and two tubes. Chrome plated zinc plates. Stainless steel tubes. Improved for use with aluminum outrigger poles **532297** (1798 015 ALU) and **538794** (476 015 ALU). Tube 1.12" ID. Tube 1-1/4" OD. Bracket dimensions: 5" x 2-1/2". Uses 1/4" fasteners. Sold per pair on display pack. Standard pack 5.

534455 (1314 DP CHR) **$153.95 H 5J**

538605 (479 DP1 STS) Spare Tube **$67.95 H**

TACO Clamp On Adjustable Rod Holders



TACO Stainless Steel Clamp On Adjustable Rod Holders

Adjustable 316 stainless steel clamp on rod holder fits virtually any pipe or tube! Internal locking positions turn every 18 degrees to any mounting position.

Fits 7/8" and 1" tubing. Rod holder inside diameter: 1-3/4".

444180 (F16-2600PLG) Gold Finish Stainless Steel **$71.95 E**
444288 (F16-2600POL) Polished Stainless Steel **$62.95 E**

Fits 3/4" and 1" IPS pipe. Rod holder inside diameter: 1-3/4".

444282 (F16-2620POL) Polished Stainless Steel **$62.95 E**

Fits 1-1/4" and 1-1/2" IPS pipe. Rod holder inside diameter: 1-7/8".

444184 (F16-2630PLG) Gold Finish Stainless Steel **$86.95 E**
444186 (F16-2630POL) Polished Stainless Steel **$81.95 E**

Fits 3/4" and 1" IPS pipe and 1" and 1-1/4" tubing. Rod holder inside diameter: 1-3/4".

444286 (F16-2623PLG) Gold Finish Stainless Steel **$77.95 E**



TACO Aluminum Clamp On Adjustable Rod Holders

Adjustable, polished and brite anodized aluminum clamp-on rod holder fits standard T-top and tower pipe. Turns and locks in place every 18 degrees to adjust the angle of attack! Heavy duty white vinyl liners.

Fits 3/4" and 1" IPS pipe. Rod holder inside diameter: 1-3/4".

444204 (F31-2620BXY) Silver Polished **$95.95 E**
444215 (F31-2620BXG) Gold Polished **$95.95 E**

Fits 1-1/4" and 1-1/2" IPS pipe. Rod holder inside diameter: 1-7/8".

444266 (F31-2630BXY) Silver Polished **$95.95 E**
444254 (F31-2630BXG) Gold Polished **$95.95 E**



TACO Stainless Steel Drop Down Rod Holder

Marine Grade 316 stainless steel, adjustable clamp-on rod holder fits 3/4" and 1" Schedule 40 pipe found on most T-top outer rings. Patented, 35° drop down feature allows for easy rod access even on the tallest T-top. Turns and locks in place every 18° for desired fishing angle.

444183 (F16-2650POL) **$140.95 E**

TACO Aluminum Clamp On Rod Holders



444284



444283

TACO Aluminum Clamp On Rod Holders

A new line of aluminum rod holders with a unique plastic adjustable clamp. TACO's patent-pending, plastic holster clamp is lightweight and offers easy clamp-on installation. Flared, anodized aluminum rod holder is corrosion resistant and features TACO's welded I-Beam pin for secure rod butt seating. Uniquely designed, these new rod holders offer the durability of TACO's anodized aluminum flared rod holder, and the affordability and lightweight advantages available with the unique black plastic holster clamp.

444283 (F41-2600VEL-1) Clamps On to 7/8" - 1" Round Pipe **$33.95 E**
444284 (F41-2660VEL-1) Clamps On to 1-1/4" Square Pipe **$33.95 E**

Marpac Clamp On Rod Holders



Marpac Clamp On Rod Holder
Cast 316 stainless steel. Adjustable for 7/8" or 1" round rails mountable on vertical or horizontal rails. Length 9". ID 1-1/2".

7-0897 **$41.95 F 3Q**



Marpac Tournament Clamp On Rod Holder
This tulip style clamp on rod holder is made from highly polished stainless steel and has a white vinyl liner. One of the most versatile rod holders with 32 different rod angles. For use with 1-1/4" tube or 3/4" pipe.

7-0898 **$450.95 F 3Q**

Perko Clamp On Rod Holders



Rod Holder Bottom



Perko Fig. 1215 Clamp On Rod Holder
Chrome plated zinc with polished stainless steel tube. The clamp-on feature eliminates drilling rail and simplifies relocation. Hard black plastic liner. Mounts on vertical or horizontal rails. Adjustable for 7/8" to 1" rails. Tube ID 1-5/8". Tube OD 2". Overall length 9". Sold each.

533345 (1215 DP CHR) **$76.95 H**



Rod Holder Bottom



Perko Fig. 1118 Clamp On Rod Holder
Chrome plated brass and bronze with hard black plastic liner. The clamp-on feature eliminates drilling rail and simplifies relocation. Mounts on vertical or horizontal rails. Adjustable for 7/8" to 1" rails. Tube ID 1-5/8". Tube OD 2". Overall length 9". Sold each.

532110 (1118 DP CHR) **$147.95 H**
538883 (483 DP1 BLK) Spare Liner with Lip and Tube **$15.95 H**

Marpac Flush Mount Rod Holders



Marpac Flush Mount Rod Holders
Length 9-1/2". 1-7/8" ID.

7-0890 Cast with Liner Only **$38.95 F 3Q**
7-0891 Stamped w/Liner & Cap **$23.95 F 3Q**

Marpac Flush Mount Rod Holders
Molded nylon plastic. Both with textured flanged surface. Length 9-1/2". 1-5/8" ID. Flange 3-1/2" x 4-3/8".

7-0437B Black **$4.95 F 3Q**
7-0438B White **$4.95 F 3Q**



Flush Mount Rod Holders



Perko Fig. 1205
Angled Flush Mount Rod Holder

Chrome plated zinc flange. Anodized aluminum tube. Soft black liner and flange gasket with integral flip-up cap. Tube ID 1-5/8". Tube OD 2". Length under flange 8". Flange dimensions: 4-1/4" x 3-1/2". Uses 1/4" fasteners. Sold each per display box. Standard pack 5.

533299 (1205 DP CHR) **$49.95 H 5J**
538869 (482 DP1 BLK) Spare Liner **$15.95 H**
538441 (480 DP BLK) Spare Cap **$14.95 H**



Perko Fig. 452
Angled Flush Mount Rod Holder

Polished stainless steel flange. Stainless steel tube. Soft black liner and flange gasket with integral flip-up cap. Tube ID 1-5/8". Tube OD 2". Length under flange 8-1/4". Flange dimensions: 4-1/8" x 3-3/8". Uses #10 fasteners. Sold each per display box. Standard pack 5.

538629 (452 DP STS) **$90.95 H 5J**
538869 (482 DP1 BLK) Spare Liner **$15.95 H**
538453 (481 DP BLK) Spare Cap **$14.95 H**



Perko Fig. 448 Heavy Duty
Angled Flush Mount Rod Holder

Chrome plated bronze flange. Chrome plated brass tube. Soft black liner and flange gasket with integral flip-up cap. Tube ID 1-5/8". Tube OD 2". Length under flange 8". Flange dimensions: 4-1/4" x 3-1/2". Uses 1/4" fasteners. Sold each per display box. Standard pack 5.

538530 (448 DP1 CHR) **$94.95 H 5J**
538869 (482 DP1 BLK) Spare Liner **$15.95 H**
538441 (480 DP BLK) Spare Cap **$14.95 H**



Lee's 30 Degree Flush Mount Rod Holders

Top flange is crowned for maximum strength and appearance. Full length white vinyl insert. All edges are rounded. Heavy duty pin is riveted in bottom. Sold each.

Chrome Plated Brass Finish

444719 (RH-525) Dia. 2" 9" L Inside Dia. 1-5/8" **$74.00 E**

Stainless Steel

444846 (RH-525SS) Dia. 2" 9" L Inside Dia. 1-5/8" **$68.00 E**
444858 (RH-530SS) Dia. 2-1/4" 11" L Inside Dia. 1-13/16" **$85.00 E**

Spare White Vinyl Inserts

444911 (RH-526) For Use with RH-525 Rod Holders **$7.75 E**



Lee's Vertical Flush Mount Rod Holders

High quality chrome on brass. Top flange is crowned for maximum strength and appearance. Full length white vinyl insert. All edges are rounded. Heavy duty pin is riveted in bottom. Designed to mount in the transom or wherever space may be limited. Sold each.

444810 (RH-527V) Dia. 2" 9" L Inside Dia. 1-5/8" **$74.00 E**
444822 (RH-532V) Dia. 2-1/4" 11" L Inside Dia. 1-13/16" **$89.00 E**



T-H Marine Rod Holders

The Rod Holder is injection molded of ABS plastic for a long lasting durable part. The one-piece construction allows easy installation. It has a drain hole molded in bottom. Dimensions: 2-1/2" x 4". The overall length is 9-1/2" with a 1-1/4" inside diameter. All units have a molded in, rod index in bottom.

641745 (RH-2) Black **$4.95 H**
641746 (RH-2FW) White **$4.95 H**

Side Mount Rod Holders

PERKO®



Rod Holder Bottom



Perko Fig. 1100
Side Mount Rod Holder

Chrome plated brass. Hard black plastic liner. Tube ID 1-5/8". Tube OD 2". Overall length 9". Bracket width 3". Uses #8 fasteners. Sold each per display box. Standard pack 5.

531916 (1100 DP CHR) **$62.95 H 5J**
538883 (483 DP1 BLK) Spare Liner **$15.95 H**

PERKO®



Perko Fig. 1104
Side Mount Rod Holder

Black plastic with chrome plated brass brackets. Tube ID 1-5/8". Tube OD 2". Overall length 9". Bracket width 3-1/4". Uses #8 fasteners. Sold each per display box. Standard pack 5.

531992 (1104 DP BLK) **$25.95 H 5J**

T-H Marine



T-H Marine Rod Holders

"Rocket Launcher" style with reel slot. Standoffs allow individual mounting. Fixed standoffs.

641731 (RHS-3FW) Fish White **$3.95 H**
641743 (RHS-3B) Black **$4.95 H**

Perko Rod Holder Accessories

PERKO®





Perko Figs. 482 and 483 Liners, Lips and Tubes

For fishing rod holders. Except for **533345** (1215 DP CHR) and **531992** (1104 DP BLK) rod holders.

For Angled Flush Mount Rod Holders
538869 (482 DP1 BLK) 1-5/8" ID **$15.95 H**

For All Other Rod Holders
538883 (483 DP1 BLK) 1-5/8" ID **$15.95 H**

PERKO®



Perko Figs. 480 and 481 Cap and Gasket Kits

Removable. Soft black flange gasket with integral flip-up cap and soft black lip. Replacement or upgrade for older holders.

538441 (480 DP BLK) Fits **538530** (448) & **533299** (1205) **$14.95 H**
538453 (481 DP BLK) Fits **538629** (452 DP STS) **$14.95 H**

Attwood Adjustable Rod Holders



Attwood 2-In-1 Adjustable Rod Holder
Side mount. Features large, easy-grip lock-nut for easy adjustment. 180° vertical adjustment range for a variety of rod tip height settings. Heavy duty, deep-tooth gear lock mounts securely in base. Use with casting rods and spinning rods, from ultra-light to heavy action. Rod throat opening fits large rods up to 1-5/8" - diameter. Locking ring fits all sizes of spinning reel handle shanks up to 11/16" - diameter.

237683 (RH-40) Black **$20.95 H**



Attwood Pro-Series Adjustable Rod Holder
Smooth surface, radiuses edge throat to protect the rod butt/handle. Improved locking collar helps retain the rod yet provides smooth, easy rotation & locking action. Ergonomically designed for easy, secure grip. Unique molding process creates thicker, stronger wall sections. Adjusts vertically 160° & horizontally 360° to effectively position rod tip. Unique patented cam-lock provides quick, easy yet secure vertical adjustment. Steel reinforced mounting post for superior strength. Comes with side mount.

237674 (5002-7) Black **$24.95 H**

Fish-On Rod Holders



Fish-On Light Tackle Rod Holder
Perfect for use in smaller boats or for fishermen who target panfish. Fits all Fish-On! Mounting systems. Full adjustability both horizontally and vertically.

500980 (73002) **$18.95 G**



Fish-On Rod Holder
Supremely adjustable with 360° degrees horizontal adjustment and 110°. Sliding locking ring to secure the rod. Comes with side mount ready for installation and use.

500978 (72026) **$25.95 G**



Fish-On Mr. Crappie Pro Series Rod Holder
Allows the use of up to 4 rods while slow trolling for crappie. Full adjustability for rod angle, both vertically and horizontally. Quick set up and break down with NO TOOLS REQUIRED.

500979 (73000) **$8.95 G**



Fish-On Side Mount
Allows additional mounts to be installed wherever necessary.

500981 (71460) **$9.95 G**



Fish-On Rail Adapter Kit
Works with Side Mount, allows mounting on any 7/8" or 1" rail.

500982 (71465) **$89.95 G**

Attwood "Sure Grip" Steel Rod Holders

Attwood "Sure Grip" Steel Rod Holders

They are designed for drift fishing, pan fishing, crappie and more. The 3/8" diameter coated steel rod is tough, strong, and corrosion resistant. UV resistant plastic coating protects the rod butt and handle. Stainless steel stem and wing nut.

237695 (5062-3) 25° Angle For Drifting or Trolling, 4" Stem **$16.95 H**
237709 (5065-3) 10° Angle For Bait Casting Rods, 4" Stem **$18.95 H**
237712 (5060-3) 5° Angle 4" Stem **$17.95 H**
237694 (5063-3) 45° Angle For Trolling, 4" Stem **$22.95 H**
237713 (5061-3) 5° Angle For Added Clearance, 8" Stem **$18.95 H**



Attwood Mounting Bases for "Sure Grip" Steel Rod Holders

Constructed of extruded aluminum.

239714 (5071-3) Flush Base Fits 2" Flat Surfaces **$6.95 H**
239726 (5072-3) Flat Rail Fits Square Rail **$6.95 H**
239731 (5074-3) Clamp-On Fits Round Rail Up to 7/8" Dia. **$8.95 H**
239738 (5073-3) V-Round Fits Round Rail Up to 1" Dia. **$6.95 H**



Transom Mount Rod Holders



Windline Marine Stainless Steel Rocket Launcher

All stainless steel construction. Resists rust and corrosion. Fixed holders. 35-1/2" wide x 9-1/2" high.

692233 (RR-4) Holds 4 Rods **$132.95 E**



TACO Adjustable Transom Mount Rod Racks

Long-lasting performance and appearance. Maximize on-board rod storage. Adjustable angle to fit any boat's transom. Brushed, anodized aluminum. Patent-pending spline adjustments. 3-Year Warranty. Length 10".

444304 (F31-3503BSA1) Holds 3 Rods **$128.95 E**
444306 (F31-3504BSA1) Holds 4 Rods **$151.95 E**

BoatMates Rod Holders



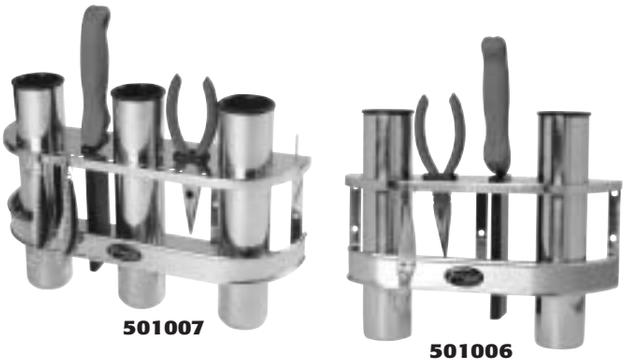
BoatMates Rod Holders

Holds fillet knife, pliers, baits and a convenient shelf for extra line or scents. Polished 304 stainless steel, with injection molded ABS inserts to protect rods and tools. Stainless steel mounting hardware included. Dimensions: 11" L x 9.5" W x 3" D.

501006 (2220) Holds 2 Rods **$50.95 G**

A slightly larger rod holder with all the same features as our Double Rod organizer. Stainless mounting hardware included. Dimensions: 13.5" L x 9.5" W x 3" D.

501007 (2221) Holds 3 Rods **$61.95 G**

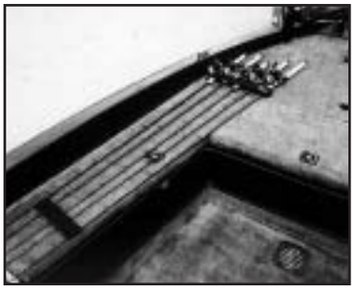


Rod Holders and Rod Racks



Retractable Lock Tite Rod Saver
It has a ratchet mechanism on the housing that will ratchet the webbing tight, locking it in place to eliminate rod bounce. Our ratchet mechanism has a safety feature built-in that will not allow over-tightening that could cause damage to the rod. It mounts in the gunwale and the webbing extends out 14", retracting from there. Holds 6 to 7 rods.

337408 (LTRS) **$36.95 H**



Rod Savers "Original"
Designed to mount rod and reel combo to the deck of the boat. Stainless steel mounting hardware included.

The 10" Rod Saver is a single strap that holds up to 5 rods.

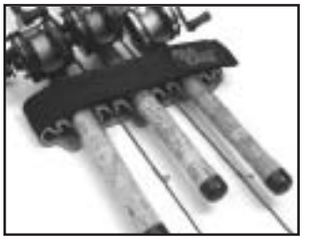
337375 (10RS) **$9.95 F 3Q**

The 10" and 6" Rod Saver Set is a set of two straps: one 10" strap for the handle end of the rods and a 6" strap for the tips. Holds up to 5 rods.

337368 (10/6RS) **$12.95 H**

Pro Model Stretch Rod Saver
Double elastic gives twice the strength and durability. The elastic allows for the Rod Saver to wrap over many more rods. Includes two straps: One 12" strap with elastic for the handle end and one 6" strap for the tip end. Holds up to 7 rods. Stainless steel mounting screws included.

337370 (12/6PM) **$15.95 H**



Vertical Mount Rod Saver
Constructed with EPDM rubber inserts to hold rods. The EPDM Rubber is a very outdoor durable material that will resist UV rays and outdoor elements. Stainless steel mounting hardware included. Holds up to 6 rods.

337382 (SM6) **$18.95 H**



Marpac Poly Rod Racks
Marine grade UV-stabilized high density plastic. White.

7-0964 For 2 Rods **$18.95 F 3Q**
7-0965 For 3 Rods **$24.95 F 3Q**



A.F.I. White Poly Tournament Rod Rack
Constructed of white poly. High impact plastic and stainless steel fasteners make these holders the best on the market. Shipped in kit form. For 4 rods. Sold each.

215740 (65623) 24-5/8" x 11-15/16" x 2-5/8" **$37.95 F**



A.F.I. White Poly Rod Storage Racks
Constructed of white poly. Rack sets require two sets of mounting boards to mount. Sold per pair. (Sold separately below).

215827 (65610) 8-1/2" x 2-7/8" x 3/4" For 2 Rods **$30.95 F**
215839 (65612) 15-1/2" x 2-7/8" x 3/4" For 4 Rods **$39.95 F**

A.F.I. White Poly Rod Rack Mounting Boards (Sold Per Pair)
215788 (65609) 3-1/4" L x 1-3/4" W x 5/8" H **$11.95 F**



Detroit Marine Triple Rod Holder
Foam insert securely holds up to three rods. Base measures 3" x 9". Black ABS plastic. Stainless steel fasteners included. Sold per pair.

327189 (10-15-4C) **$9.95 F**

Rod Holders and Rod Racks



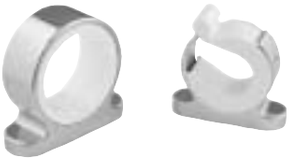
TACO Stainless Steel Rod Hanger Racks
Stylish design to showcase rods and reels. Patented revolving rod tip holder secures rods in position. Polished marine grade 316 stainless to look and perform great for years to come. Hidden installation screws for a clean look. Vertical and horizontal mounting options. Ideal for bridges, rod lockers and cabins.

444300 (F16-2751-1) Holds up to 2 Rods **$69.95 E**
444302 (F16-2752-1) Holds up to 4 Rods **$131.95 E**



Taco Reel Hangers
Adjustable stainless steel reel hangers securely store trolling reels on ceiling or gunnel. Fits most popular trolling reels. Hangers are easily adjusted to accommodate a wide range of reel sizes.

444299 (F16-2820-1) Adjusts from 3.670" - 4.625" **$51.95 F**



Taco Snap Lock Rod Holders
The only snap lock rod hanger on the market. Securely locks rods in hangers. Unique self locking spring. Polished marine grade 316 stainless steel. Flush mounting system with hidden fasteners. Sold as sets. Spring loaded.

444290 (F16-2700-1) **$32.95 E**

Lee's Single Rod Racks
A unique concept in holders for rod storage. A vinyl rubber insert mounted in anodized aluminum brackets hold rod securely. Nylon locking ring which rotates. Will support even the heaviest rod. Can be mounted in any position. Sold in sets only.

444909 (MC-70) **$16.00 D**



Rod Straps



T-H Marine Rod Tamer™ Rod Straps - Deck Mount
Molded of black polyurethane material. The strap end mounts to the deck with one countersunk screw. Perfect for aluminum or foam-filled fiberglass boats. Sold each per skin packed card. Standard pack 12.

641692 (RT-14) 12" Deck Mount, Hold up to 4 Rods **$5.95 H**
641729 (RT-18) 18" Deck Mount, Hold up to 7 Rods **$6.95 H**



Marpac Rod Holder Straps
Sold 4 per card.

7-0968 12" Hold up to 4 Rods **$27.95 F 3Q**
7-0969 18" Hold up to 7 Rods **$29.95 F 3Q**

Marpac Deluxe Pull Up Cleats


7-1017


7-1018

Marpac Deluxe Pull Up Cleats
A drill with a 1/2" bit and a 1" (for 7-1017) or 1-1/8" (for 7-1018) hole saw or drill bit is all that's needed for installation. Closed position only 1/2" above deck. Water resistant O-ring included. Uses standard 3/8" studs. Wider finger grip for ease of use. Starboard installation templates available. Eliminates standing water on base.

7-1017 Length 4" Slim Line Design **$55.95 F 3Q**
7-1018 Length 6" Wide Base Design **$63.95 F 3Q**

Cleats



Marpac Hollow Base Cleats - Yacht Design
Polished stainless steel. Fastens with 1/4" screws.

7-0169 Length 4" **$8.95 F 3Q**
7-0170 Length 6" **$11.95 F 3Q**
7-0171 Length 8" **$18.95 F 3Q**
7-0172 Length 10" **$33.95 F 3Q**



Buck-Algonquin Stainless Steel Open Base Cleat
Stainless steel. Heavy duty. Predrilled with four holes. Base dimensions: 1-5/8" x 4-1/2". Length 15". Overall height 3-1/4". Sold each per skin packed card.

263378 (COBS-1500) **$213.95 G**



Perko Fig. 530 Aluminum Open Base Cleats
Heavy duty aluminum. Sold each.

540472 (530 008 ALU) Length 8" **$36.95 H**
540484 (530 010 ALU) Length 10" **$53.95 H**
540496 (530 012 ALU) Length 12" **$91.95 H**



Perko Fig. 545 Aluminum Plain Finished Cleats
Pressure cast aluminum. Closed base: 6" cleats. Open base: 8" cleat. Sold each.

540725 (545DP6ALU) Length 6" **$15.95 H**
540737 (545DP8ALU) Length 8" **$21.95 H**

Cleats

PERKO®



Perko Fig. 1305
Chromalex® Closed Base Cleat
Chrome plated zinc with black plastic base. Length 4-1/2". Sold per pair per display pack. Standard pack 5.

534239 (1305 DP1 CHR) **$24.95 H 5J**

PERKO®



Perko Fig. 1306
Chromalex® Open Base Cleats
Chrome plated zinc with black plastic base. Display pack. Standard pack 5.

534277 (1306 DP1 CHR) Length 4-1/2" Pair **$24.95 H 5J**
534289 (1306 DP2 CHR) Length 6" Each **$21.95 H 5J**



SeaDog Chrome Zamak Hollow Base Cleats
Attractive chrome finish. Each model predrilled with four holes. Standard pack 6.

239598 (6244-3) Length 4-1/2" Sold Each **$10.95 H 6K**
239601 (6245-3) Length 6" Sold Each **$13.95 H 6K**



Galvanized Standard Dock Cleats
Hot dipped galvanized gray iron. Measured from tip to tip. Sold each.

689894 (401) Length 3-1/2" **$1.30 H**
689844 (401) Length 4" **$1.50 H**
689919 (401) Length 6" **$1.95 H**
689921 (401) Length 8" **$3.95 H**
689933 (401) Length 10" **$6.95 H**
689945 (401) Length 12" **$11.95 H**



High Impact Nylon Cleats
Open base. Black. Sold each per bulk.

743307 (JMM6041B) Length 4-1/2" **$0.95 H**
743321 (JMM6031B) Length 6" **$1.95 H**
743345 (JMM6021B) Length 8" **$3.95 H**
743369 (JMM6011B) Length 10" **$4.95 H**

Marpac Cleats - Yacht Design
Durable high impact black nylon yacht cleats Sold 2 per card.

7-0340 Length 4-1/4" **$2.95 F 3Q**
7-0341 Length 6" **$2.95 F 3Q**
7-0338 Length 8" **$4.95 F 3Q**
7-0339 Length 10" **$6.95 F 3Q**

Marpac Bucket of Savings - Cleats - Yacht Design
Durable high impact black nylon yacht cleats Sold 24 cleats per bucket.

7-0340S Length 4-1/4" **$22.80 F**
7-0341S Length 6" **$30.96 F**





Perko Hawse Hole Plate



PERKO®

Perko Fig. 752 Hawse Hole Plate
Chrome plated bronze. Eliminate deck and rope chaffing when cleats are mounted on a vertical surface inside cockpits. Outside dimensions: 4-1/4" x 6". Inside dimensions: 2-1/8" x 4-1/8". Spigot length 1-1/4". Uses 1/4" fasteners. Sold each.

541967 (752 000 CHR) **$117.95 H**

Rope Deck Pipes

PERKO®



Perko Fig. 1057 Rope Deck Pipe
UV stabilized, fiber reinforced high impact black plastic with hinged, snap-down cover. For 7/8" line. Flange OD 3-3/4". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

531585 (1057 DP BLK) **$20.95 H**

PERKO®



Perko Fig. 750 Rope and Chain Deck Pipe
Chrome plated bronze. Accommodates 3/4" line on thimble; shackle and 3/8" chain. The cover has a hook for hanging chain and a stainless steel cable retainer. Flange dimensions: 5-1/4" x 4". Height overall 1-3/8". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

541931 (750 DP CHR) **$168.95 H**

PERKO®



Perko Fig. 757 Rope Deck Pipe
Chrome plated zinc. Flange OD 3-3/8". For 1" line. Uses #8 fasteners. Sold each. Standard pack 5.

542009 (757 DP CHR) **$33.95 H 5J**



marpac THE AFFORDABLE ALTERNATIVE™

Marpac Rope Deck Pipe
Cast stainless steel.

7-0941 **$81.95 F 3Q**

Mooring Bitts and Chocks

PERKO®



Perko Fig. 608 Mooring Bitts
Chrome plated bronze with stainless steel cross bar. Hollow. Sold each.

541157 (608 002 CHR) Base Dim.: 4-1/4" x 4-1/4" 3-1/2" H **$187.95 H**
541171 (608 003 CHR) Base Dim.: 6" x 6" 5" H **$346.95 H**

PERKO®



Perko Fig. 1223 Skene Bow Chock
Chrome plated zinc. Overall length 3-1/2". Width 7/8". Maximum line 1/2". Uses #8 fasteners. Sold per pair per skin packed card. Standard pack 5.

533453 (1223 DP CHR) **$12.95 H 5J**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Bow Chock
Polished, type 316 cast stainless steel. Length 4-1/2". Uses #10 fasteners.

7-0173 **$25.95 F 3Q**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Straight Chock
Stainless steel. Length 5".

7-0940 **$25.95 F 3Q**

Lifting Eyes with and without Cleats

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Lifting Eye with Cleat
Polished, type 316 cast stainless steel. Threaded for 5/8" - 11 rod..

7-0176 **$25.95 F 3Q**

EPCO



EPCO Lifting Eye
304 stainless steel with high gloss finish. Eye diameter 1-1/2". Tapped for 5/8" rods. Pre-drilled for #10 screws. Easy to install. Available with cleats or O-ring models.

368034 (552) **$65.95 G 6J**

Marpac Adjustable Keel Plate

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Adjustable Keel Plate
Stainless steel. Shank dimensions: 3/8" x 3". Uses 5/8" threaded rod.

7-0125 **$30.95 F 3Q**

Stainless Steel All Threaded Rod



Stainless Steel All Threaded Rod
Length 3'. Sold each.

731479 10/24	**$8.95 H**
731481 1/4-20	**$10.95 H**
731483 5/16-18	**$15.95 H**
731485 3/8-16	**$22.95 H**
731487 1/2-13	**$43.95 H**
731489 5/8-11	**$45.95 H**
731491 3/4-10	**$112.95 H**

Sample: Lifting Eye Assembly



Bow Eyes

PERKO®



Note: Not designed to bear the weight of the vessel and therefore should not be used for lifting.

Perko Fig. 1235 Double Shank Bow Eye

Chrome plated zinc eye. Zinc plated steel U-bolt, nuts and washers. Has one continuous U-bolt cast inside of eye. Shank OD 5/16". Length 3". 1" ID. Safe working load 2,000 lbs. Sold each per display card. Standard pack 10.

533643 (1235 DP CHR) **$18.95 H 10J**

PERKO®



Note: Not designed to bear the weight of the vessel and therefore should not be used for lifting.

Perko Fig. 237 Double Shank Bow Eye

Nonmagnetic 300 series stainless steel shank. Stainless steel nuts and washers. Diameter 5/16" x 6". 1" ID. 1,800 lbs. Sold each per display card.

535938 (237 DP2 STS) **$39.95 H**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Stern Eyes

Stainless steel with corrosion resistant super-glo finish. Furnished with stainless steel nuts and plates.

7-0124 Dimensions: 3/8" x 3" **$9.95 F 3Q**
7-0123 Dimensions: 1/2" x 3-7/16" **$11.95 F 3Q**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Bow Eyes

Stainless steel. Furnished with stainless steel nuts and plates.

7-0122 Dimensions: 3/8" x 3" **$8.95 F 3Q**
7-0120 Dimensions: 1/2" x 3-7/16" **$12.95 F 3Q**

attwood

Attwood Single Shank Bow Eyes

Die cast zamak eye with chrome finish & plated steel shank. Cadmium plated nuts and washers included. Inside eye diameter: 1". Maximum straight axis pull weight: 2,500 lbs. Not for side loading or transom mounting. Do not use for lifting. Sold each per skin packed card.



239423 (3406-3) 3/8" x 5" Stud **$8.95 H 12K**
239461 (3457-3) 1/2" x 3" Stud **$11.95 H 12K**



Sea-Dog Bow Eye

Die cast chrome plated zinc head, galvanized shaft. Sea-Dog bow eyes come with adjustable finished nuts as compared to the crimped ring used on some other bow eyes. The shafts have rolled threads.

239459 (079133-1) 3-1/16" **$6.95 H**

Eye Straps

PERKO®



Perko Fig. 1242 Eye Straps

Chrome plated zinc. Length overall 1-7/8". Eye ID 5/16". Uses #8 fasteners. Sold five pieces per display card. Standard pack 10.

533681 (1242 DP CHR) **$10.95 H 10J**

PERKO®



Perko Fig. 562 Eye Straps

300 series stainless steel. Length overall 1-5/8". Eye ID 1/4". Uses #10 fasteners. Sold five pieces per display card. Standard pack 10.

540864 (562 DP STS) **$12.95 H**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Eye Straps

Type 304 stainless steel. Length 1-3/4". Uses #10 fasteners. Sold 4 per card.

7-0502 **$5.95 F 3Q**

Deck Plates

PERKO®



Perko Fig. 528 Diesel Deck Plates for Pipe

Chrome plated bronze. Comes complete with key and O-ring. 1-1/2" cap have a slot between the holes.

540395 (528 DPD CHR)	1-1/2" IPT	Flange OD 3-5/8"	**$118.95 H**
540408 (528 D09 CHR)	2" IPT	Flange OD 4-1/4"	**$170.95 H**

PERKO®



Perko Fig. 528 Gas Deck Plate for Pipe

Chrome plated bronze. Comes complete with key and O-ring. 1-1/2" cap have a slot between the holes.

540422 (528 DPG CHR)	1-1/2" IPT	Flange OD 3-5/8"	**$118.95 H**

PERKO®



Perko Fig. 526 Regular Deck Plates

Plain bronze. Complete with key.

540179 (526 003 PLB)	3" ID	Overall OD 5-3/8"	**$115.95 H**
540181 (526 004 PLB)	4" ID	Overall OD 7-1/16"	**$178.95 H**
540206 (526 006 PLB)	6" ID	Overall OD 9-3/8"	**$353.95 H**

PERKO®



Perko Fig. 524 Waste Deck Plate for Pipe

Chrome plated bronze marked "Waste". Comes complete with key and O-ring. Cap has a slot between the holes. 1-1/2" IPT. Flange OD 3-5/8". Uses #8 fasteners.

540155 (524 DP CHR)		**$120.95 H**

Note: Complies with adopted standards on "fittings" ABYC Recommended Practices Standards Covering Sewage Holding and/or Treatment Device for Marine Waste Systems.

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Deck Fills with Color Coded Caps

Made from heavy duty type 316 marine grade stainless steel these cast deck fills have a color coded cap and symbol for easier identification and less confusion. The keyless cap design makes filling easier since no tools are needed. Designed for use with 1-1/2" hose.

7-1640	Diesel with Green Nylon Cap	**$25.95 F**
7-1641	Gas with Red Nylon Cap	**$25.95 F**
7-1642	Water with Blue Nylon Cap	**$25.95 F**
7-9036	Replacement Green Nylon Cap	**$3.95 F**
7-9037	Replacement Red Nylon Cap	**$3.95 F**
7-9038	Replacement Blue Nylon Cap	**$3.95 F**

PERKO®



Perko Fig. 528 Deck Plates for Pipe - Unmarked

Plain bronze straight pipe thread no markings. Complete with key and O-ring.

540282 (528 008 PLB)	1-1/2" IPT	Flange OD 3-5/8"	**$88.95 H**
540307 (528 009 PLB)	2" IPT	Flange OD 4-1/4"	**$140.95 H**
540319 (528 010 PLB)	2-1/2" IPT	Flange OD 4-5/8"	**$187.95 H**
540321 (528 011 PLB)	3" IPT	Flange OD 5-3/8"	**$261.95 H**

PERKO®



Perko Fig. 528 Water Deck Plate for Pipe

Chrome plated bronze. Comes complete with key and O-ring. 1-1/2" caps have a slot between the holes.

540458 (528 DPW CHR)	1-1/2" IPT	Flange OD 3-5/8"	**$118.95 H**

Perko Spare Caps for Fig. 528 Deck Plates

Complete with O-ring.

540244 (528 C07 99A)	1-1/4" IPT	Chrome Plated Bronze	**$53.95 F**
540270 (528 DP8 99A)	1-1/2" IPT	Chrome Plated Bronze	**$79.95 H**
540294 (528 C09 99A)	2" IPT	Chrome Plated Bronze	**$106.95 F**
540357 (528 P09 99A)	2" IPT	Plain Bronze	**$83.95 F**
540371 (528 P11 99A)	3" IPT	Plain Bronze	**$135.95 F**

Deck Plates



Buck-Algonquin Deck Plate - No Markings
Cast bronze. Furnished with beaded chain, cap and spanner key. Pipe size 1-1/4". Shank OD 1-3/4". Flange diameter 3-1/8". Uses #10 fasteners. No markings. Sold each per skin packed card.

260630 (PDP-125) **$49.95 G**



Perko Fig. 1270 Deck Plates for Hose
Chrome plated zinc with black plastic cap. Complete with key, O-ring and integral retainer on cap. Caps have a slot between the holes. Hose size 1-1/2". Flange OD 3-1/2". Neck length 2-1/2". Uses #8 fasteners. Sold each per display pack.

544331 (1270 DPD CHR)	Diesel	**$42.95 H**
544343 (1270 DPG CHR)	Gas	**$42.95 H**
544355 (1270 DPW CHR)	Water	**$42.95 H**



Buck-Algonquin Deck Plates
Stainless steel with O-ring seal. Furnished with beaded chain, cap and spanner key. Uses #10 fasteners. Sold each.

Marked "Diesel" on Flange Plate

260555 (PDPS-150) 1-1/2" IPT	Flange 3-3/4"	**$89.95 G**
260567 (PDPS-200) 2" IPT	Flange 4-5/8"	**$112.95 G**

Marked "Gas" on Flange Plate

260593 (PDPS-150) 1-1/2" IPT	Flange 3-3/4"	**$89.95 G**

Deck Plate Accessories



Perko Fig. 537 Retaining Cable for Deck Plates
Stainless steel cable and fittings with 1-3/8" stainless steel ring and self tapping screw. Cable length 7". Sold each per display card. Standard pack 5.

540624 (537 DP) **$6.95 H**



Perko Fig. 826 Adjustable Deck Plate Key
Chrome plated zinc with hardened steel pins. Adjustable up to 8" diameter. Length overall 8-1/2". Sold each per display pack. Standard pack 5.

542438 (826 DP CHR) **$29.95 H**



Marpac Deck Plate Key
Stainless steel. Not only fits deck plates, but also doubles as a screw drive, bottle opener.

7-0889 **$4.95 F 3Q**



Perko Fig. 1248 Spare Deck Plate Keys
Plain zinc alloy. **533768** (1248 7-8 DP) is for 1-1/4" and 1-1/2" deck plates. **533782** (1248 009 ZNC) is for 2" deck plate.

533768 (1248 7-8 DP)	1-1/8" Pin Center to Center	**$5.95 H**
533782 (1248 009 ZNC)	1-11/16" Pin Center to Center	**$5.95 H**

Access Hatches and Drop-In Boxes



Marpac Access Hatches - White

The attractive way to access unused storage areas. Watertight - lid overlapping frame. Two separate seals on frame and lid. Corrosion free integrated hinge. Hinges allow 180 degree opening. No visible fasteners . Two handles available on 13" x 24" hatch only.

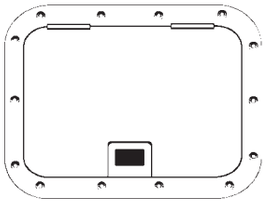
7-0617	(HAT-1115-2MP)	11" x 15"	**$45.95 F**
7-0618	(HAT-1324-2MP)	13" x 24"	**$71.95 F**



T-H Marine Drop-In Boxes

Vacuum formed containers that drop into small or medium hatches to provide storage areas under hatches. Designed to be removable but can be mounted with screws for more permanent installation.

642326 (BOX-1115-10) For 11" x 15" Hatches Deep: 10-1/2" **$42.95 H**



Rabud Rectangular Deck Hatch - Gray

Handle lever rectangular hatch. Molded in stainless steel hinges. Chemical resistant. UV stabilized. 100° opening.

247567	(711SSG)	10-1/4" x 14-3/8" OD	**$43.95 H**



642293





642320

T-H Marine Designer Series™ Access Hatches

642279	(HDS-0714)	7" x 14"	Polar White	**$54.95 H**
642291	(HDS-1115)	11" x 15"	Polar White	**$62.95 H**
642297	(HDS-1115)	11" x 15"	Black	**$74.95 H**
642293	(HDS-1119)	11" x 19"	Polar White	**$72.95 H**
642300	(HDS-1317)	13" x 17"	Polar White	**$81.95 H**
642307	(HDS-1324)	13" x 24"	Polar White	**$90.95 H**
642314	(HDS-1330)	13" x 30"	Polar White	**$105.95 H**

Rope Locker Hatches

642320	(HDS-1119RL)	11" x 19"	Polar White	**$91.95 H**
642327	(HDS-1317RL)	13" x 17"	Polar White	**$100.95 H**



T-H Marine Designer Series™ Tackle Centers

It is a flush mount hatch and storage box. This would be a great addition to any anglers vessel. Great for organizing those everyday items in easy to store areas for quick access. Postive lid seal for water tight fit. Hidden fasteners in the frame. Cam style locks hold lid securely. Stainless steel hinges.

642340	(TDS-0714-2T-2P)	7" x 14"	2 Trays	**$132.95 H**
642342	(TDS-1115-3T-2P)	11" x 15"	3 Trays	**$137.95 H**
642350	(TDS-1330-4T-2P)	13" x 30"	4 Trays	**$338.95 H**

Deck Plates



T-H Marine Sure-Seal Deck Plates

Features a fully overlapping lid and a positive O-ring seal insuring a watertight fit. Watertight - lid overlapping flange. Total UV and chemical stability. Dual sealing functionality. No visible mounting fasteners. Requires no tools for opening.

Pry Out Deck Plate.

247735	(DPP-6-2)	Polar White	Diameter 6″	**$10.95 H**
247756	(DPP-6-1)	Black	Diameter 6″	**$10.95 H**
247762	(DPP-8-2)	Polar White	Diameter 8″	**$20.95 H**

Screw Out Deck Plate.

247622	(DPS-4-1)	Black	Diameter 4″	**$8.95 H**
247658	(DPS-6-1)	Black	Diameter 6″	**$10.95 H**
247710	(DPS-8-1)	Black	Diameter 8″	**$20.95 H**
247723	(DPS-8-2)	Polar White	Diameter 8″	**$20.95 H**



T-H Marine Quick Release Deck Plates

Cam latch holds secure. Hidden fasteners in ring. Easy to open and close. Textured finish. Polar White.

641392	(DPCAM-6) Diameter 6″	**$17.95 H**
641393	(DPCAM-8) Diameter 8″	**$22.95 H**





7-0624

7-0628



Marpac Deck Plates

Watertight. Screw-out and pry out versions available. O-Ring seal concealed in the lid.

Pry Out Deck Plate

7-0632	Black	Diameter 6″	**$7.95 F**
7-0633	White	Diameter 6″	**$7.95 F**
7-0627	Black	Diameter 8″	**$17.95 F**
7-0628	White	Diameter 8″	**$17.95 F**

Screw Out Deck Plate - Textured Lids

7-0620	Black	Diameter 4″	**$5.95 H**
7-0621	White	Diameter 4″	**$5.95 H**
7-0623	Black	Diameter 6″	**$7.95 H**
7-0624	White	Diameter 6″	**$7.95 H**
7-0635	Black	Diameter 8″	**$17.95 F 3Q**
7-0636	White	Diameter 8″	**$17.95 F 3Q**

Screw Out Deck Plate - Smooth Lids

7-0622	White	Diameter 4″	**$5.95 F 3Q**
7-0625	White	Diameter 6″	**$7.95 F 3Q**



Pry-Out



Screw-In

Watertight, lightweight, durable, noncorroding ABS plastic.

DMI #	MFG #	Color	Plate	ID	OD	Cut Out	Price
Screw-In Style							
247646	DP4LCW	White w/Clear Center	4"	3-7/8"	5-1/2"	4-1/4"	**$22.95 H**
Pry-Out Style							
247696	DP8RB	Black	8"	7-5/8"	10"	8-3/8"	**$17.95 H**



T-H Marine Floor Drains

Designed with a flange molded into part to fit into hole so that cut or raw edges are hidden by floor drain. Molded black plastic. Mounts with 4 screws. Sold each per skin packed card. Standard pack 12.

641452	(FD-2) 4-1/4" OD	Diameter Hole 2-1/2"	**$3.95 H**
641464	(FD-4) 5-5/8" OD	Diameter Hole 4"	**$5.95 H**

Latch and Lock Sets

PERKO®



Perko Figs. 928 and 930 Rim Latch Sets

Chrome plated zinc alloy. Sliding lock button. For doors 5/8" to 1-3/8" thick. Case is 2-1/8" x 1-3/4". Escutcheon is 4-3/8" x 1-1/4". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

543618 (928 DP CHR) Regular Bevel w/Box Strike **$89.95 H 5J**
543644 (930 DP CHR) Reverse Bevel w/Flush Strike **$89.95 H 5J**

PERKO®



Perko Figs. 918 and 919 Latch and Lock Sets

Chrome plated zinc. Locks by turn button from inside or key from outside. For doors 5/8" to 1-3/8" thick. Case is 3-7/8" x 2". Escutcheon is 4-3/8" x 1-1/4". Backset is 1-3/8". Uses #6 fasteners. Complete with two keys. Sold each per display pack. Standard pack 5.

543517 (918 DP CHR) Regular Bevel w/Box Strike **$157.95 H 5J**
543529 (919 DP CHR) Reverse Bevel w/Flush Strike **$157.95 H 5J**

PERKO®



Perko Fig. 927 Mortise Lock Set

Chrome plated zinc. Locked by turn button from inside or key from outside. Bevel can be reversed during installation. For doors 1" to 1-3/8" thick. Case is 2-3/4" x 2". Escutcheon is 4-3/8" x 1-1/4". Facing is 4" x 1-3/16". Backset is 1-3/8". Uses #6 fasteners. Complete with two keys. Sold each per display pack. Standard pack 5.

543606 (927 DP CHR) **$143.95 H**

PERKO®



Perko Fig. 960 Mortise Latch Set

Chrome plated zinc. Turn button lock. Bevel can be reversed during installation. For doors 1" to 1-3/8" thick. Case is 2-1/4" x 1-13/16". Facing is 3-1/2" x 13/16". Escutcheon is 4-3/8" x 1-1/4". Backset is 1-3/8". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

543973 (960 DP CHR) **$93.95 H**

PERKO®

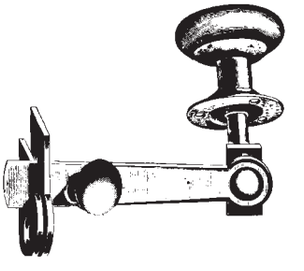


Perko Fig. 567 Tubular Latch Set

Chrome plated zinc. Sliding lock button. For doors 1" to 1-3/8" thick. Tube diameter 3/4". Escutcheon is 4-3/8" x 1-1/4". Backset is 1-1/4". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

540977 (567 DP CHR) **$105.95 H**

PHOENIX LOCK COMPANY



Phoenix Lock Door Latch with Padlock Eye

Plain cast brass. Bar length 4-1/4". Knob 2". Sold each per poly bag. Standard pack 12.

546931 (134-B) **$65.95 H**

Marpac Lift Handles





Marpac Lift Handles
Cast stainless steel. Latches/non-locking hatch.

7-1370 3″ **$55.95 F 3Q**
7-1371 2.5″ **$32.95 F 3Q**

Marpac Push to Close Latches



Marpac Push to Close Latch
Flush pull - Pull to open. Corrosion resistant materials. Single, round-hole installation. Black plastic.

7-2265 **$20.95 F 3Q**





Marpac Push to Close Latches
Flush mount. Pull to open. Stainless Steel face/pull, with corrosion resistant materials in body. Single, round-hole installation. Inside actuation when locked or unlocked.

7-2270 Non-Locking Latch **$26.95 F 3Q**
7-2271 Locking Latch **$29.95 F 3Q**

T-H Marine Latches



T-H Marine Slam Latch
This slam latch design is engineered for use in the marine environment. Oval-top, nautical design. Low profile. Totally corrosion resistant. UV stable. Resistant to chemicals including acetone, alcohol, gasoline, etc. Simple installation in a 2″ round hole. Stainless steel pawl catch and mounting hardware.

641085 (NFSL-51DP) Black **$21.95 H**



T-H Marine Anchor Handle Lock
Fits Aluminum, Fiberglass and Carpeted Lids. Sure grip two-finger handle. Gasket included for smooth surface applications. Toothed and "Double-D" shaped mounting for carpeted lids. Waterproof O-ring seal. Stainless steel stem. Powder coated steel pawls-straight and offset. Single hex nut installation. Mounts in lids up to 3/4" thick. Installs into a 2-3/8" to 2-1/2" hole. Universal replacement for all T-H Marine or Perko.

639802 (ALC-2) White Base with Chrome Handle **$30.95 H**
639804 (ALC-1) Black Base with Chrome Handle **$29.95 H**
639806 (AL-1) Black Base with Black Handle **$27.95 H**

Flush Locks and Latches

PERKO®



Perko Fig. 932 Flush Lock and Latch

Chrome plated zinc. Black plastic with stainless steel stem and lock nut. Installs in a 2" ID hole. For door thickness 1/4" to 1-1/8". Face plate 2-1/2" x 2-1/2". Offset latch bar adjusts from 3/8" to 3" back. Features: Offset adjustable cam bar. Sold each per display pack. Standard pack 5.

543640 (932 DP2 BLK) Latch (Non-Locking) **$39.95 H**

PERKO®



Perko Figs. 931 and 932 Flush Lock and Latches

Chrome plated zinc. Black plastic with stainless steel stem and lock nut. Installs in a 2" ID hole. For door thickness 1/4" to 1-1/8". Face plate 2-1/2" x 2-1/2". Offset latch bar adjusts from 3/8" to 3" back. Features: Flush cam bar & flexible plastic strike plate. Sold each per display pack. Standard pack 5.

543632 (932 DP1 BLK) Latch (Non-Locking) **$39.95 H**
543648 (931 DP1 BLK) Lock with 2 Keys **$48.95 H**
543649 (931 001 99A) Spare Flush Cam Bar f/**543648** **$17.95 E**

PERKO®



Perko Fig. 921 Flush Lock and Latch

Chrome plated zinc. Locking latch with 2 keys. Installs in a 1-5/8" ID hole. For door thickness1/2" to 3/4". Face plate 2-1/4" x 2". Sold each per display pack. Standard pack 5.

543531 (921 DP CHR) **$49.95 H**

T-H Marine



639849

T-H Marine Recessed Lock and Recessed Latches - Watertight

For aluminum lids. Watertight O-ring seal. Molded from tuff engineering grade nylon. Stainless steel lift ring. Rotates 360° right or left. Mounts in a 2-3/8" diameter hole. Sold each per skin packed card.

639849 (RL-1) Locking **$30.95 H**
641084 (NRL-1) Non-Locking **$27.95 H**

Perko Cupboard Bolt

PERKO®



Perko Fig. 1101 Cupboard Bolt

Chrome plated zinc. Black plastic slide and knob. Overall dimensions: 2-1/8" x 1-1/2". Uses #6 fasteners. Sold each on display pack. Standard pack 5.

531928 (1101 DP CHR) **$24.95 H**

Perko Cupboard Catch

PERKO®



Perko Fig. 1102 Cupboard Catches

Chrome plated zinc. Overall dimensions: 1-1/2" x 1-7/8". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

531942 (1102 001 CHR) With Box Strike **$28.95 H**
531954 (1102 002 CHR) With 3/8" Offset Box Strike **$28.95 H**
531957 3/16" Spacers for **531954** **$0.80 A**

Door Accessories



Marpac Door Latch
Plastic. Set includes one male and one female. Uses #6 fasteners. Sold 3 per card.

7-0220 **$4.95 F 3Q**



Marpac Ball Catch
Heavy duty. Type 316 cast stainless steel. Dimensions: 2″ x 3/8″.

7-0221 **$13.95 F 3Q**



Perko Fig. 1216 Door Button
Chrome plated zinc. Black plastic button. Phosphor bronze tension spring under knobs holds button against the plate. 1-3/4" OD. Uses #6 fasteners. Sold each per display pack. Standard pack 10.

533364 (1216 DP CHR) **$12.95 H 10J**



Perko Fig. 1056 Elbow Catch
Chrome plated zinc with stainless steel spring. Dimensions: 1-1/8" x 9/16". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

531675 (1056 DP CHR) **$14.95 H**



H.B. Ives Door Stop and Holder
Brushed aluminum with large rubber bumper. Base diameter 2-1/4". Base length 3-5/8". Sold each.

412306 (449-PA28) **$39.95 H**



Perko Fig. 1065 Door Holder
Stainless steel spring clip has 1-3/8" x 7/16" base. Chrome plated zinc arrow has 1-5/8" x 3/4" base. Projects 1-3/4". Sold each per display pack. Standard pack 5.

531764 (1065 DP CHR) **$25.95 H**



Perko Fig. 554 Door Catch
White plastic. Includes: Stainless steel mounting and keeper screws. Catch dimensions: 1-1/4" x 5/8". Screw size 3/4" x #8. Uses #4 fasteners. Sold per pair per display pack. Standard pack 25.

540837 (554 DP) **$10.95 H**



Perko Fig. 559 Door Catch
Black plastic ball stud and socket. Stud dimensions: 1-1/8" x 3/8". Socket dimensions: 1-3/8" x 7/8". Uses #4 fasteners. Sold per pair per display pack. Standard pack 25.

540838 (559 DP) **$6.95 H**



Perko Fig. 1177 Door Stop
Rubber bumper with chrome plated zinc holder. Base diameter 1-1/4" x 1" projection. Uses #4 fasteners. Sold each per display card. Standard pack 5.

532906 (1177 DP CHR) **$9.95 H**

Cabin Door Hooks

PERKO®



Perko Fig. 1199 Cabin Door Hooks

Chrome plated zinc. Lightweight design. Uses #6 fasteners. Sold each. Standard pack 20.

533263	(1199 DP1 CHR)	Hook Length 1-3/4"	**$10.95 H**
533249	(1199 DP2 CHR)	Hook Length 2-1/4"	**$11.95 H**
533251	(1199 DP3 CHR)	Hook Length 3"	**$12.95 H**
533858	(1261 DP CHR)	Spare Keeper (2 Per Card)	**$8.95 H**

PERKO®



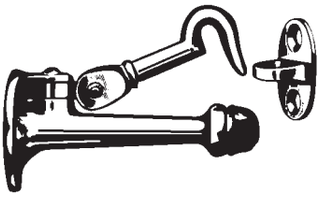
Perko Fig. 1287 Cabin Door Hooks

Chrome plated zinc. Modern design. Uses #6 fasteners. Sold each. Standard pack 20.

534037	(1287 DP1 CHR)	Hook Length 2"	**$10.95 H**
534051	(1287 DP2 CHR)	Hook Length 2-1/2"	**$11.95 H 20J**
534063	(1287 DP3 CHR)	Hook Length 3"	**$12.95 H**

Door Stops and Holders

PHOENIX LOCK COMPANY



Phoenix Lock Door Stops and Holders

Heavy duty cast bronze with white rubber cushion. Base diameter 1-3/4". Base length 3-3/4". Sold each per poly bag. Standard pack 12.

546943	(150-2)	Plain Brass Finish	**$34.95 H**
546955	(150-2)	Chrome Plated	**$53.95 H**
546967	(150-W)	White Rubber Tip	**$0.95 H**

PHOENIX LOCK COMPANY



Phoenix Lock Fig. 220 Cabin Door Hooks

Cast bronze polished.

547387	2-1/2"	Uses #6 Fasteners	**$14.95 H**
547399	3"	Uses #6 Fasteners	**$14.95 H**
547402	4"	Uses #6 Fasteners	**$18.95 H**
547426	6"	Uses #8 Fasteners	**$23.95 H**

Polished chrome plated brass.

547313	2"	Uses #6 Fasteners	**$17.95 H**
547325	2-1/2"	Uses #6 Fasteners	**$17.95 H**
547337	3"	Uses #6 Fasteners	**$17.95 H**
547349	4"	Uses #6 Fasteners	**$21.95 H**
547363	6"	Uses #8 Fasteners	**$29.95 H**

Barrel Bolts and Ship Bolt

PERKO®



Perko Fig. 947 Barrel Bolt

Chrome plated bronze. Supplied with friction pad to eliminate rattle and provide smooth operation. Overall dimensions: 4-5/16" x 1-7/16". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

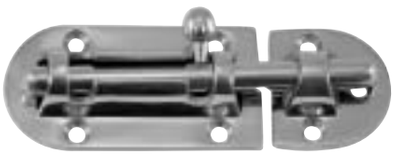
543808 (947 DP2 CHR) **$39.95 H 5J**



Phoenix Lock Brass Barrel Bolts

547262	(191) 3"	Uses #5 Fasteners	Plain Brass	**$15.95 H**
547286	(191) 2-1/2"	Uses #3 Fasteners	Chrome Plated	**$20.95 H**
547298	(191) 3"	Uses #5 Fasteners	Chrome Plated	**$25.95 H**
547301	(191) 4"	Uses #5 Fasteners	Chrome Plated	**$27.95 H**

marpac THE AFFORDABLE ALTERNATIVE™

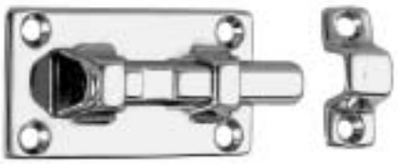


Marpac Barrel Bolts

Precision cast stainless steel.

7-0409	Dimensions: 3-1/2" x 1-1/2"	**$15.95 F 3Q**
7-0410	Dimensions: 4-1/2" x 1-1/2"	**$15.95 F 3Q**

PERKO®



Perko Fig. 1053 Ship Bolt

Chrome plated bronze. Supplied with brass friction spring to eliminate rattle and provide detented operation. Overall dimensions: 2-5/8" x 1-1/4". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

531649 (1053 DP CHR) **$45.95 H**

Flush Lifting Handles

PERKO®



Perko Fig. 1220 Flush Lifting Handle
Chrome plated zinc. Inside handle dimensions: 1-7/8" x 1". Face plate dimensions: 3" x 2-1/4". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

533427 (1220 DP CHR) **$18.95 H 5J**

PERKO®



Perko Fig. 776 Flush Lifting Handles
Chrome plated bronze. **542197** (776 DP2 CHR) has all mounting holes at corners. Uses #8 fasteners. Sold each per display pack. Standard pack 5.

Face plate 3" x 2-1/4". Handle 1-7/8" x 1".
542185 (776 DP1) **$54.95 H**

Face plate 3-3/4" x 2-3/4". Handle 2-3/16" x 1-3/16".
542197 (776 DP2) **$70.95 H**



Marpac Flush Lifting Handle
Stainless steel. Recessed. Dimensions: 2-1/4" x 3". Uses #8 fasteners.

7-0085 **$6.95 F 3Q**



Marpac Lift Ring
Polished, stamped type 304 stainless steel. Dimensions: 2-1/8" x 1-15/16". Surface mount.

7-0084 **$4.95 F**



Marpac Locking Lift Ring
Stainless steel.

7-0681 **$24.95 F**

Perko Flush Ring Pulls

PERKO®



Perko Fig. 1232 Flush Ring Pull
Chrome plated zinc. Face plate 1-5/8". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

533618 (1232 DP1 CHR) **$14.95 H**

PERKO®



Perko Fig. 1103 Flush Ring Pull
Chrome plated bronze. Face plate 2-9/16" x 2". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

531978 (1103 DP CHR) **$39.95 H**

PERKO®



Perko Fig. 841 Flush Ring Pull
Chrome plated zinc. Face plate 1-3/4" x 1-3/8". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

542490 (841 DP CHR) **$14.95 H 10J**

PERKO®



Perko Fig. 575 Flush Lifting Pull
Chrome plated bronze. Face plate 2-5/8" x 2". Uses #8 fasteners. Sold each per display pack. Standard pack 10.

541044 (575 DP CHR) **$39.95 H 10J**

Perko Flush Ring Catch



Perko Fig. 1051 Flush Ring Catch
Chrome plated zinc. Phosphor bronze spring. Dimensions: 2-1/4" x 1-3/8". Uses #6 fasteners. Sold each. Standard pack 10.

531637 (1051 DP CHR) **$25.95 H**

Marpac Hatch Cover Pull



Marpac Hatch Cover Pull
Type 304 stainless steel with attractive electro-polished finish. Stainless steel washer and keep ring. Lays flat - easy to use. Lifting disc: 1-1/4". Stem diameter: 3/16".

7-0651 **$5.95 F 3Q**

Drawer Pulls and Drawer Knobs



Perko Fig. 1016 Flush Pull
Black plastic. Easily installs in a 1-3/4" diameter hole. Face plate dimensions: 2-1/4" x 2-1/4". Depth 15/16". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

531550 (1016 DP BLK) **$3.95 H**



T-H Marine Flush Pull
Black plastic flush pull. Can be mounted in any position. Measures 2-3/4" x 2-3/4" (mounting screws not included). Skin packed.

642277 (LL-1) **$3.95 H**



Perko Fig. 958 Drawer Pull
Chrome plated zinc. Width 3-7/16" OD x 2-5/16" ID. Uses #6 fasteners. Sold each per display pack. Standard pack 10.

543961 (958 DP CHR) **$13.95 H**



Perko Fig. 925 Drawer Knob
Chrome plated brass. Stainless steel screw. For panels up to 1-1/8" thickness. Knob 1" OD. Sold each per display pack. Standard pack 10.

543593 (925 DP CHR) **$14.95 H**



Marpac Drawer Knob
Cast 316 stainless steel. With 1" screw. Diameter 1".

7-0408 **$5.95 F 3Q**

Marpac Push to Close Latches



Marpac Push to Close Latch
Chrome. Pull the knob to open, simply push the door to close. Quick, round-hole installation. Knob stores flush; pops out at a touch. Corrosion- and UV-resistant.

7-2285 **$24.95 F 3Q**



Marpac Push to Close Latch
Glass reinforced nylon, black. Corrosion resistant. Push-button style. Locking. Pull tab in line with latching pawl.

7-2280 **$22.95 F 3Q**

Safety Hasps



Marpac Swivel Lock Hasps
Stainless steel. A strong versatile utility hasp with a swivel head.

7-0216 1-7/8" x 7/8" **$7.95 F 3Q**
7-0218 3" x 1-1/8" **$10.95 F 3Q**



Phoenix Lock Safety Hasp
Plain brass. Wide 1". Closed length 3". Standard eye. Padlock eye diameter 3/8". Uses #6 fasteners. Sold each.

547197 (184B) **$16.95 H**



Perko Fig. 1198 Safety Hasps
Chrome plated zinc. Width 1". Padlock clearance 1/4". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

533237 (1198 DP2 CHR) Closed Length 3" **$19.95 H 10J**
533227 (1198 DP3 CHR) Closed Length 3-3/4" **$20.95 H**



Perko Fig. 1194 Swivel Safety Lock Hasp
Chrome plated zinc. Features: Padlock eye swivels to act as a latch. Width 1". Closed length 3". Padlock clearance 11/32". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

533173 (1194 DP CHR) **$22.95 H 10J**
533174 (1194 DP 99A) Spare Keeper (1 Per Card) **$11.95 H**



Perko Fig. 998 Safety Hasp
Chrome plated bronze. Width 1". Closed length 3". Padlock clearance 9/32". Uses #6 fasteners. Sold each per display pack. Standard pack 10.

544329 (998 DP2 CHR) **$42.95 H**

Butt Hinges

Marpac Butt Hinge
Stainless steel. Open width 1-5/16". Pin length 1-1/2". Uses #8 fasteners. Sold per pair per.

7-0686 **$6.95 F 3Q**

Marpac Butt Hinge
Cast stainless steel. Heavy duty. 1-1/2" x 1-1/2". Uses #10 fasteners. Sold per pair per.

7-0970 **$16.95 F 3Q**



Marpac Butt Hinges
Polished, stamped type 304 stainless steel. .060 gauge. Uses #8 fasteners, except **7-1009** uses #10 fasteners. Sold per pair.

7-1007	Open Width 2"	Pin Length 2"	**$6.95 F 3Q**
7-1008	Open Width 2"	Pin Length 3"	**$8.95 F 3Q**
7-1009	Open Width 3"	Pin Length 3"	**$10.95 F 3Q**

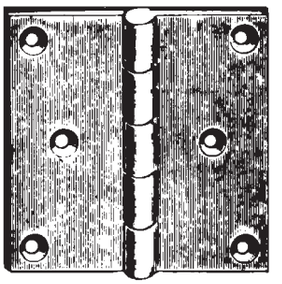


Phoenix Lock Fast Pin Butt Hinges
Solid extruded plain brass. Heavy duty. Sold per pair.

547058	1-1/2" x 1-1/2"	4 Screws Per Hinge	**$14.95 H**
547060	2" x 2"	6 Screws Per Hinge	**$18.95 H**
547072	2-1/2" x 2-1/2"	6 Screws Per Hinge	**$32.95 H**
547084	3" x 3"	6 Screws Per Hinge	**$35.95 H**
547109	4" x 4"	8 Screws Per Hinge	**$73.95 H**

Phoenix Lock Loose Pin Butt Hinges
Solid extruded plain brass. Heavy duty. Sold per pair.

547008	3" x 3"	6 Screws Per Hinge	**$44.95 H**





H.A. Guden 304 Stainless Steel Tight Pin Butt Hinges
304 stainless steel, standard hole pattern and countersunk holes. Both halves half swagged for tight closure. Sold per pair.

377475	.078 Gauge	3" x 3"	**$31.95 G**
377487	.125 Gauge	4" x 4"	**$69.95 G**



Perko Fig. 1293 Loose Pin Butt Hinges
Chrome plated zinc with stainless steel pin. Removable pin. Height is measured by pin and width is measured open. Uses #8 fasteners, except **534176** uses #10 fasteners. Sold per pair per display pack. Standard pack 5.

534126	(1293 DP2 CHR)	1-1/2" x 1-1/2"	Has 4 Screw Holes	**$22.95 H**
534138	(1293 DP3 CHR)	1-1/2" x 2"	Has 4 Screw Holes	**$22.95 H**
534188	(1293 DP4 CHR)	2" x 2"	Has 4 Screw Holes	**$23.95 H 5J**
534176	(1293 DP9 CHR)	3" x 3"	Has 6 Screw Holes	**$29.95 H**

Hinges



Marpac Utility Hinge
Polished, stamped type 304 stainless steel. Open width 2". Pin length 1-1/2". Uses #8 fasteners. Sold per pair.

7-0458 **$7.95 F 3Q**



Perko Fig. 808 Hinge
Chrome plated zinc. Open width 3". Pin height 1-1/2". Uses #8 fasteners. Sold per pair per display pack. Standard pack 10.

542325 (808 DP CHR) **$28.95 H 10J**



Marpac Utility Hinge
Stamped stainless steel. Open width 3". Pin length 1-1/2". Uses #8 fasteners. Sold per pair.

7-0457 **$8.95 F 3Q**



Perko Fig. 988 Offset Shortside Hinge
Chrome plated bronze. Stainless steel pin. Pin height 1-1/2". Shortside width 3/4". Offset 3/8". Open width 2-1/4". Uses #8 fasteners. Sold per pair per display pack. Standard pack 5.

544230 (988 DP1 CHR) **$61.95 H**



Perko Fig. 951 Hinge
Heavy duty chrome plated bronze with stainless steel pin. Open width 3". Pin height 1-1/2". Uses #8 fasteners. Sold per pair per display pack. Standard pack 5.

543858 (951 DP1 CHR) **$65.95 H**



Marpac Hatch Hinge
Chrome plated cast brass. Length 3-1/8". Width 2-1/2".

7-0212 **$14.95 F 3Q**



Perko Fig. 1214 Offset Shortside Hinge
Chrome plated zinc. Stainless steel pin. Pin height 1-1/2". Shortside width 3/4". Offset 3/8". Open width 2-1/2". Uses #8 fasteners. Sold per pair per display pack. Standard pack 5.

533340 (1214 DP1 CHR) **$22.95 H**



Marpac Utility Hinge
Stainless steel. Flush mount. Dimensions: 2.664″ x 1.5″.

7-1010 **$12.95 F 3Q**

Hinges



Marpac Offset Shortside Hinge
Polished, stamped type 304 stainless steel. .060 gauge. Open width 2". Pin length 1-1/2". Offset 3/8". Uses #8 fasteners. Sold per pair.

7-1005 **$7.95 F 3Q**



Marpac Strap Hinges
Polished, stamped type 304 stainless steel. Uses #8 fasteners. Sold per pair.

7-0455 Dimensions: 4" x 1-3/16" **$10.95 F 3Q**
7-0456 Dimensions: 6" x 1-3/16" **$12.95 F 3Q**



Phoenix Lock Port Hinge
Burnished cast brass. Open length 4". Width 3-1/8". Uses #10 fasteners. 5 screws per hinge. Sold per pair per poly bag. Standard pack 12.

547161 (170) **$33.95 H**



Marpac Flush Mount Concealed Hinge
Stamped type 304 stainless steel with satin finish. Dimensions: 2-3/4" x 1-7/8". Sold per pair.

7-0105 **$7.95 F 3Q**



Perko Fig. 1213 Shortside Hinge
Chrome plated zinc with stainless steel pin. Open width 2-1/2". Pin height 1-1/2". Shortside width 3/4". Uses #8 fasteners. Sold per pair per display pack. Standard pack 5.

533338 (1213 DP1 CHR) **$22.95 H**



Perko Fig. 924 Hinge
Chrome plated .051" gauge stamped brass with stainless steel pin. Open width 3". Pin height 1-1/2". Uses #6 fasteners. Sold per pair on display pack. Standard pack 10.

543581 (924 DP CHR) **$26.95 H 10J**



Marpac Strap Hinges
Polished stainless steel. Uses #10 fasteners. 4 screw holes. Sold per pair.

7-0500 1" x 4" **$15.95 F 3Q**
7-0501 1" x 6" **$18.95 F 3Q**



Perko Fig. 942 Offset Hinge
Chrome plated zinc with stainless steel pin. Open width 1-1/2". Pin height 1-1/2". Offset 3/8". Uses #8 fasteners. Sold per pair per display pack. Standard pack 5.

543746 (942 DP CHR) **$21.95 H**

Hinges

PERKO®



Perko Fig. 271 Inset Hinges
Chrome plated stamped brass. Semi-concealed for inset doors. 2-3/4" x 2-1/8". Inset 3/8". Uses #4 fasteners. Sold per pair per display pack. Standard pack 10.

536613 (271 DP CHR) **$24.95 H 10J**
536601 (271 000 CHR) Bulk Pair **$20.95 H**

PERKO®



Perko Fig. 957 Non-Mortised Hinge
Chrome plated stamped brass. Closed width 7/8". Pin height 3-3/8". Uses #8 fasteners. Sold per pair per display pack. Standard pack 5.

543959 (957 DP CHR) **$29.95 H**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac Motor Box Hinge
Chrome plated cast brass. Removable. Length 3-3/4". Width at pin 2".

7-0211 **$8.95 F 3Q**

marpac THE AFFORDABLE ALTERNATIVE™



Marpac 90° Angle Bracket

Marpac 90° Angle Bracket
Polished stainless steel. Leg length 2-3/8". Leg width 9/16". Sold per pair.

7-0411 **$4.95 F 3Q**

Continuous "Piano" Hinges



Continuous "Piano" Hinges
Aluminum. Mill finish. 3/16" holes punched on 4" centers. Sold in 6' lengths only.

740515	Open Width 1-1/2"	.040" Gauge	**$13.95 H**
740527	Open Width 2"	.040" Gauge	**$20.95 H**
740539	Open Width 3"	.060" Gauge	**$40.95 H**

Type 304 stainless steel bright annealed. .040" gauge. Drilled and countersunk on 2" centers. Sold in 6' lengths only.

740565	Open Width 1-1/4"	Uses #5 Fasteners	**$32.95 H**
740577	Open Width 1-1/2"	Uses #6 Fasteners	**$33.95 H**
740589	Open Width 2"	Uses #6 Fasteners	**$43.95 H**

Perko Windshield Adjusters



PERKO®

Perko Figs. 1290 and 1291 Windshield Adjusters

Chrome plated zinc with black plastic knob. Length overall 12" with 9-1/2" adjustment. Uses #8 fasteners. **Note:** Illustration is port side. Sold per pair. Standard pack 5.

534087 (1290 DP CHR) Side Mount **$85.95 H**
534102 (1291 DP CHR) Offset Mount **$85.95 H**

PERKO®



Perko Fig. 1116 Windshield Adjuster

Chrome plated brass and zinc with black plastic knob. Tube is 3/8" diameter. Length 12". Uses #8 fasteners. Sold each. Standard pack 5.

532108 (1116 DP3 CHR) **$62.95 H**

PERKO®



Perko Fig. 1179 Windshield Adjuster

Chrome plated brass and zinc with black plastic knob. Tube is 1/2" diameter with swivel on one end. Length closed is 12", adjustable to 20". Uses #6 fasteners. Sold each. Standard pack 5.

532932 (1179 DP2 CHR) **$100.95 H**

PERKO®



Perko Fig. 1180 Windshield Adjuster

Chrome plated brass and zinc with black plastic knob. Tube is 1/2" diameter. Length closed is 12", adjustable to 21". Uses #6 fasteners. Sold each. Standard pack 5.

532956 (1180 DP CHR) **$98.95 H**

N.A. Taylor Windshield Support Bars

Used as original equipment on many fine walk-thru windshields. Windshield support bars are made from anodized aluminum tubing with nylon fittings. The fittings allow for pivot in almost every direction for easy installation.

723535 (1632) 11″ **$15.95 F**
723536 (1636) 13″ **$15.95 F**
723537 (1634) 12″ **$15.95 F**

Taylor Made Products.

SOLD EACH



Hatch Supports

PERKO®



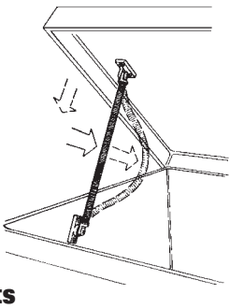
Perko Fig. 762 Hatch Support Brace

Chrome plated brass. Uses #8 fasteners. **Note:** Illustration is port side. Sold per pair. Standard pack 5.

542111 (762 DP3 CHR) Open Length 14" **$132.95 H**

T-H Marine





T-H Marine Lid and Hatch Supports

Features a stainless steel spring that moves to a support position when opened. The stainless steel spring then supports the lid in the open position. When closing simply deflect the spring which allows spring to bend and rotate at the mounting positions. Have molded black nylon ends for mounting and enhanced appearance. A 7/16" diameter, 8-1/2" long spring that mounts with four #8 countersunk screws. Not included.

Supports up to 10 lbs. lids.
641060 (LS-2) 7/16" Diameter x 8-1/2" L **$12.95 H**

Supports up to 20 lbs. lids.
642368 (HS-1) 5/8" Diameter x 12" L **$21.95 H**

Marpac Stainless Steel Gas Spring Hatch Lifts




Socket Style


Blade Style


7-1397


7-1396


7-1398

Marpac Gas Spring Hatch Lifts

Stainless steel. The ideal solution for lifting, lowering and counterbalancing weight. The gas spring is a self-contained, nitrogen-driven counterbalance product which provides uniform handle forces, non-catastrophic failure, and many years of service. Because energy is provided through gas pressure, our gas springs give you repeatable, unvarying performance which is superior to mechanical, spring or damper type products.

DMI #	End Style	Retracted Length	Approximate Stroke	Extended Length	Output Force	Price
7-1385	**Blade Style**	7″	3″	10″	20 lbs.	**$32.95 F 3Q**
7-1387	**Socket Style**	7″	3″	10″	40 lbs.	**$32.95 F 3Q**
7-1388	**Socket Style**	7″	3″	10″	60 lbs.	**$32.95 F 3Q**
7-1390	**Socket Style**	9.5″	5.5″	15″	40 lbs.	**$32.95 F 3Q**
7-1392	**Socket Style**	10.2″	7″	17.2″	20 lbs.	**$32.95 F 3Q**
7-1394	**Socket Style**	12″	8″	20″	60 lbs.	**$35.95 F 3Q**

Marpac Brackets for Gas Spring Hatch Lifts

7-1396 Bracket Flat **$9.95 F**
7-1397 Bracket 2 x .65 **$9.95 F**
7-1398 Bracket 2 x 1.2 **$9.95 F**

Lenco Electric Hatch Lifts





252577

Lenco Electric Hatch Lifts

They are made entirely of non-corrosive materials and are completely submersible. Stainless steel ram locks in any position. Stainless steel pull pin is standard with optional stainless steel non-locking slide bracket available. Ballscrew spins freely when hatch is fully opened or closed eliminating limit switches and burned out motors.

		L.O.A. Retracted	Approx. Stroke	L.O.A. Extended
S/O	(HL-400)	15"	4"	19"
S/O	(HL-800S)	21"	8"	29"
S/O	(HL-800)	25"	8"	33"
252748	(HL-1200S)	25"	12"	37"
S/O	(HL-1200)	29"	12"	41"
252750	(HL-1600S)	29"	16"	45"
252762	(HL-1600)	33"	16"	49"
252774	(HL-2000S)	33"	20"	53"
252786	(HL-2000)	37"	20"	57"
252798	(HL-2400S)	37"	24"	61"
252799	(HL-2400)	41"	24"	65"

Lenco Single Rocker Switch

252577 (125) **$42.95 D**

Hatch Accessories

PERKO®



Perko Fig. 770 Hatch Fastener
Chrome plated bronze with black plastic knob. Overall dimensions: 3-3/4" x 1-5/8". Adjustment thread 7/8". Uses #8 fasteners. Sold each. Standard pack 5.

542135 (770 DP CHR) **$66.95 H**

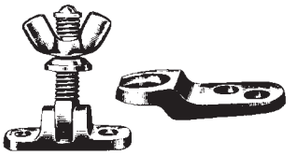
PERKO®



Perko Fig. 967
Hatch Fastener or Windshield Keeper
Chrome plated bronze. Keeper dimensions: 1-7/8" x 7/8". Bracket dimensions: 1-9/16" x 1". Bolt length 1-1/2". Uses #8 fasteners.

544040 (967 DP CHR) Display Pack **$74.95 H**
544037 (967 000 CHR) Bulk **$73.95 H**

PHOENIX LOCK COMPANY



Phoenix Lock Windshield Keeper
Cast brass, chrome plated. Base dimensions: 5/8" x 1-5/8". Bolt size 5/16" x 1-3/4". Sold each per poly bag. Standard pack 24.

546929 (131) **$28.95 H**



PERKO®

Perko Fig. 797 Hatch Adjuster
Chrome plated brass and zinc with black plastic knob. Arm is 10" with 9-1/2" adjustment. Slide length 10-3/4". Uses #8 fasteners. Sold each. Standard pack 5.

542301 (797 DP CHR) **$97.95 H**

PERKO®

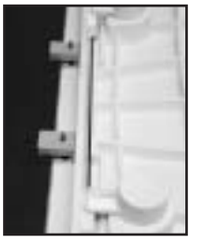


Perko Fig. 769 Hatch Fastener or Windshield Keeper
Chrome plated brass and zinc with black plastic knob. Base dimensions: 1-1/2" x 5/8". Length overall 4". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

542123 (769 DP CHR) **$51.95 H**

T-H Marine

NEW ITEM



T-H Marine
Hatch Spacer/Retainer Clip
Durable molded piece acts as a spacer for hatches when hole size is too large. Can be used with T-H Marine Designer Series Hatches as well as other brands.

642370 (HDS-RETC) **$9.95 H**

Sliding Window Accessories

PERKO®



Perko Fig. 935 Sliding Window Stop
Chrome plated zinc with plastic cover on stopping plate. Stopping plate length 1-1/2". Mounting plate dimensions: 1-7/8" x 3/4". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

543668 (935 DP CHR) **$16.95 H**

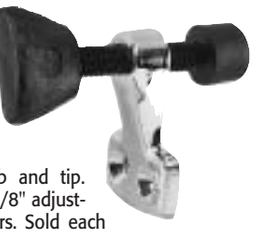
T-H Marine



T-H Marine
Windshield Fastener
Makes installing and removing the windshield simple. Base mounts to the boat and the quick twist fastener passes thru the windshield. Great for preventing broken windshields in shipping, installation and for cleaning.

642374 (WSH-1PR-DP) **$10.95 H**

PERKO®



Perko Fig. 937 Sliding Window Lock and Anti-Rattler
Chrome plated zinc with black plastic knob and tip. Mounting plate dimensions: 1" x 5/8" with 1-1/8" adjustment. Height overall 1-5/8". Uses #6 fasteners. Sold each per display pack. Standard pack 5.

543670 (937 DP CHR) **$15.95 H**

PERKO®



Perko Fig. 954 Sliding Window Handle
Polished 18-8 stainless steel for 1/4" glass. Length overall 3". Sold each per display pack. Standard pack 5.

543923 (954 DP STS) **$10.95 H**

Marpac Hold Down Clamps



Marpac Hold Down Clamp
Cast 316 stainless steel. 3" L x 1-1/2" W.

7-0223 **$18.95 F 3Q**



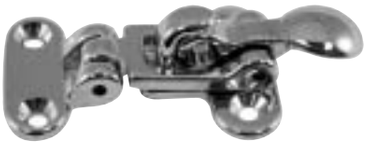
Marpac Hold Down Clamp
Cast 316 stainless steel. 90° angle mounting. 2-1/2" L x 1-1/2" W.

7-0224 **$18.95 F 3Q**



Marpac Hold Down Clamp
Cast 316 stainless steel. 4" L x 1-7/8" W x 1" H.

7-0225 **$13.95 F 3Q**



Marpac Hold Down Clamp
Chrome plated brass. Base dimensions: 1-3/4" x 2-3/4". Overall length 4".

7-0214 **$8.95 F 3Q**

Perko Hold Down Clamps



Perko Fig. 1112 Hold Down Clamp
Chrome plated bronze. Flat mount. Width 1-1/2". Length 3". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

532057 (1112 DP CHR) **$75.95 H 5J**



Perko Fig. 1113 Hold Down Clamp
Chrome plated bronze. Angle mount. Width 1-1/2". Length 2-1/2". Uses #8 fasteners. Sold each per display pack. Standard pack 5.

532071 (1113 DP CHR) **$75.95 H 5J**

Marpac Draw Latches



Marpac Draw Latch
Soft latch series, small size. Non-corrosive materials. Cushions impact, absorbs vibration, tolerates misalignment. Over-center latching. All hardware is concealed when latched. Concealed keeper style. Thermoplastic elastomer, matte black.

7-2250 **$16.95 F 3Q**



Marpac T-Handle Latch
Flexible T-handle style. Non-corrosive, non-conductive, UV-resistant materials. Compensates for misalignment in 3 planes. Absorbs and reduces vibration. Length 4.81". Front installation; thread forming screws available. Built-in drag keeps latch stationary when unlatched.

7-2255 **$17.95 F 3Q**

T-H Marine Gate Latch

NEW Color



T-H Marine Gate Latch
Entire unit installs on gate only. Molded nylon for strength - no rattle. Operates on right or left hinged gates. Fits 1", 1-1/8" and 1-1/4" square tubing. Black. **Note:** Not designed as a safety or load bearing device.

247750 (GL-1-DP) Black **$12.95 H**
247751 (GL-2-DP) Gray **$12.95 H**

Perko Table Leg Fastener



Perko Fig. 719 Table Leg Fastener
Chrome plated brass with black plastic knob and stainless steel stud. For fastening table or chair legs to deck. Angle bracket 1" W x 1-3/8" L. Uses #8 fasteners. Sold each per display pack. Standard pack 5.

541765 (719 DP CHR) **$44.95 H**

Perko Grab Rail Posts



Perko Fig. 380 Grab Rail Posts
Chrome plated bronze. Hollow, for 1 inch OD tubing. Height 3-3/8". Base OD 2-1/2". Uses #8 fasteners. Sold each in bulk.

537994 (380 000 CHR) End Post **$71.95 H**
538009 (380 A00 CHR) Center Post **$73.95 H**

Marpac Hand Rail Bases



Marpac Hand Rail Bases

316 stainless steel hand rail bases. Fittings for 7/8" OD tubing have 1-1/2" base. Fittings for 1" OD tubing have 1-3/4" base. Have no set screw. Sold per skin packed card.

7-0187	Forward 120°	For 7/8" OD Tubing	**$8.95 F 3Q**
7-0188	Center 60°	For 7/8" OD Tubing	**$8.95 F 3Q**
7-0189	Aft 60°	For 7/8" OD Tubing	**$8.95 F 3Q**
7-0987	Forward 120°	For 1" OD Tubing	**$9.95 F 3Q**
7-0988	Center 60°	For 1" OD Tubing	**$9.95 F 3Q**
7-0989	Aft 60°	For 1" OD Tubing	**$9.95 F 3Q**

Marpac Cast Stainless Steel Rail Fittings



Marpac Cast Stainless Steel Rail Fittings - 30° Round Bases

7-0178	7/8" OD Tubing	2-5/8"	Skin Packed	**$11.95 F 3Q**
7-0978	1" OD Tubing	2-7/8"	Skin Packed	**$12.95 F 3Q**



Marpac Cast Stainless Steel Rail Fitting - 30° Rectangular Base

7-0181	7/8" OD Tubing	2-5/8"	Skin Packed	**$11.95 F 3Q**



Marpac Cast Stainless Steel Rail Fittings - 60° Round Bases

7-0179	7/8" OD Tubing	2-5/8"	Skin Packed	**$11.95 F 3Q**
7-0979	1" OD Tubing	2-3/16"	Skin Packed	**$12.95 F 3Q**



Marpac Cast Stainless Steel Rail Fittings - 60° Rectangular Bases

7-0182	7/8" D Tubing	Skin Packed	**$11.95 F 3Q**
7-0982	1" OD Tubing	Skin Packed	**$12.95 F 3Q**



Marpac Cast Stainless Steel Rail Fittings - 90° Round Bases

7-0180	7/8" OD Tubing	2-5/8"	Skin Packed	**$11.95 F 3Q**
7-0980	1" OD Tubing	2-3/4"	Skin Packed	**$12.95 F 3Q**



Marpac Cast Stainless Steel Rail Fittings - 90° Rectangular Bases

7-0183	7/8" OD Tubing	Skin Packed	**$11.95 F 3Q**
7-0983	1" OD Tubing	Skin Packed	**$12.95 F 3Q**

Marpac Cast Stainless Steel Rail Fittings



Marpac Cast Stainless Steel Rail Fittings - 60° Tees

7-0202 7/8" OD Tubing **$10.95 F 3Q**
7-1002 1" OD Tubing **$10.95 F 3Q**



Marpac Cast Stainless Steel Rail Fittings - 90° Tees

7-0186 7/8" OD Tubing **$8.95 F 3Q**
7-0986 1" OD Tubing **$9.95 F 3Q**



Marpac Cast Stainless Steel Rails Fittings - 90° Elbows

7-0192 7/8" OD Tubing **$10.95 F 3Q**
7-0992 1" OD Tubing **$9.95 F 3Q**



Marpac Cast Stainless Steel Rail Fittings - 110° Bow Form

7-0190 7/8" OD Tubing **$18.95 F 3Q**

TACO Tubing for Rail Fittings

20' Lengths Ship Motor Freight

Special Handling May Apply



TACO Tubing for Rail Fittings

Aluminum tubing. Brite anodized finish. Wall thickness .058".

741909 7/8" x 6' **$24.95 H**
741911 7/8" x 20' **$45.95 H**

Stainless steel tubing. High polished, type 304.

741935	7/8" x 6'	Wall Thickness .049"	**$56.95 H**
741947	7/8" x 20'	Wall Thickness .065"	**$136.95 H**
741973	1" x 6'	Wall Thickness .049"	**$67.95 H**
741985	1" x 20'	Wall Thickness .065"	**$173.95 H**

Handles



Phoenix Lock Handle

Cast brass, chrome plated. Length overall 4-1/4". Base 1-3/16".

547452 (83) **$13.95 H**



Attwood Stern Handles

587220 (12012-3) Length 6" **$12.95 E**

Handles

PERKO®



Perko Fig. 1222 Handle
Chrome plated zinc. Length overall 5-3/4". Inside length 3-5/8". Inside height 1-1/4". Uses #8 fasteners. Sold per pair. Standard pack 5.

533439 (1222 DP CHR) **$20.95 H**

PERKO®



Perko Fig. 775 Handle
Chrome plated bronze. Length overall 5-3/4". Inside length 3-5/8". Inside height 1-3/8". Uses #8 fasteners. Sold per pair. Standard pack 5.

542161 (775 DP2 CHR) **$77.95 H**

PERKO®



Perko Fig. 1231 Handle
Chrome plated zinc. Length overall 6". Inside length 3-1/2". Inside height 1-5/16". Uses 1/4" fasteners. Sold per pair.

533617 (1231 DP CHR) **$23.95 H 5J**

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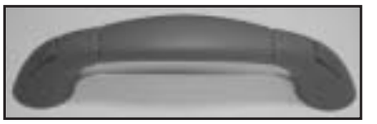


Marpac Utility Transom Handle
Cast 316 stainless steel. Length 6". Height 1-3/8".

7-0648 **$12.95 F 3Q**

T-H Marine

NEW ITEM



T-H Marine Grab Handles
Molded – UV Resistant. Textured for Sure Grip. Hidden Fasteners.

327318	(GHB-1)	Black	**$9.95 F**
327319	(GHB-1FW)	White	**$9.95 H**
327320	(GHB-1G)	Gray	**$9.95 H**

Perko Folding Step

PERKO®



Perko Fig. 344 Folding Step
Chrome plated bronze. Stainless steel spring holds step in open or closed position. Step dimensions: 4-1/8" x 2-1/4". Bracket dimensions: 4-1/4" x 1-3/4". Folded projection 1-3/8". Uses 5/16" fasteners. Sold each. Standard pack 5.

537603 (344 DP CHR) **$155.95 H**

Steps

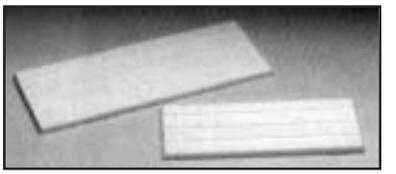
PERKO®



Perko Fig. 1325 Step Plates
Chrome plated zinc frames. Soft black plastic pads. Uses #8 fasteners. Sold two pads per display card. Standard pack 5.

534532 (1325 DP0 CHR) 8-3/8" x 2-1/4" **$26.95 H 5J**
534533 (1325 DP1 CHR) 8-3/4" x 3-1/4" **$39.95 H**

MARINCO-AFi



A.F.I. White Poly Deck Steps
Grooved for additional traction. White Poly. Thickness 3/8". Four predrilled screw holes. Sold each.

216398	(65506) Length 8-3/4"	Width 3-1/2"	**$17.95 F**
216386	(65504) Length 11-1/2"	Width 4-1/2"	**$23.95 F**

Marpac "Dot" Type Fastener Installation Tool



Marpac "Dot" Type Fastener Installation Tool
Easy to use. Complete instructions included.

7-6211 **$21.95 L**

Canvas Fasteners



Marpac Twist Stud Screw
Sold 2 per bag.

7-6208 **$11.95 L**



Marpac Twist Stud Two Hole
Sold 2 per bag.

7-6199 **$5.99 L**



Marpac 11/64 Barrel and Socket
Sold 6 sets per bag.

7-6178 **$5.99 L**



Marpac 1/4 Barrel and Socket
Sold 6 sets per bag.

7-6175 **$5.99 L**



Marpac Stud Eyelet
Sold 6 sets per bag.

7-6181 **$11.95 L**



Marpac Eyelet and Washer
Sold 4 sets per bag.

7-6205 **$11.95 L**



Wood Screw Studs

7-6184	#8-15 SMS	6 per bag	**$11.95 L**
7-6187	#8-15 SMS	6 per bag	**$12.95 L**
542770	(560128) #8-15 SMS	100 per package	**$47.95 H**
7-6190	#7 x 3/8"	6 per bag	**$12.95 L**
7-6193	#7 x 5/8"	6 per bag	**$11.95 L**



Marpac Phillips Machine Screw Stud
Stainless steel. #10-32 x 3/8". Sold 5 per bag.

7-6196 **$5.99 L**



S & J Stud for Canvas
Sold 100 per package.

543353 (560618) **$6.95 F**



S & J Stud #8 Wood Screw
Sold 2 per bag.

385686 (560041) **$4.95 H**



S & J Socket
Sold 100 per package.

543315 (560588) **$13.95 F**



S & J Button
Nickel plated brass. Sold 100 per package.

543290 (560578) **$19.95 F**

Marpac Snap Caps



Marpac Snap Caps
Cap your screws with molded plastic caps. Sold 10 per bag.

Fits Screw Sizes #6 and #8

7-6050	White	**$3.29 L**
7-6055	Black	**$3.29 L**

Fits Screw Sizes #10 and #12

7-6060	White	**$3.29 L**
7-6065	Black	**$3.29 L**

N.A. Taylor Turn Latch



N.A. Taylor Turn Latch
A simple twist latch for securing walk-thru windshields or other hatch openings. Black thermoplastic complete with self tap screws. Sold 2 per pack.

722606 (1162) **$3.95 F**

3M Dual Lock Reclosable Fastener Systems



3M Dual Lock Reclosable Fastener Systems
Polypropylene reclosable fastener. Ideal for mounting or attaching weighty obects to surfaces. Acrylic adhesive performs well up to 200 degrees F. Closure is 5 times stronger than hook and loop. Mini Pack.

886688	(06463)	Clear	1" x 5 yds.	**$152.95 H**
886690	(06484)	Black	1" x 5 yds.	**$134.95 H**

Dual-Lock Industrial Fasteners consist of continuous strips of plastic backing, with plastic mushroom shaped stems protruding up from the backing strip.

Type 400 VHB Pressure Sensitive.

886703	(86278)	Black	1" x 50 yds.	**$411.95 H**
886715	(86279)	Black	1" x 50 yds.	**$411.95 H**

Type 400 Plain Backed No-Adhesive Die Cut Circles.

886676	(24993)		13/16"	**$296.95 H**

Marpac Canvas Fastener Display



Marpac Canvas Fastener Display
This display includes the following:

(5) 7-6175 - 1/4 Barrel and Socket
(10) 7-6178 - 11/64 Barrel and Socket
(5) 7-6181 - Stud Eyelet
(5) 7-6184 - #8-15 SMS Wood Screw Stud
(10) 7-6187 - #8-15 SMS Wood Screw Stud
(5) 7-6193 - #7 x 5/8" Wood Screw Stud
(10) 7-6190 - #7 x 3/8" Wood Screw Stud
(5) 7-6196 - #10-32 x 3/8" M/S Stud
(5) 7-6199 - Twist Stud Two Hole
(5) 7-6202 - Double Prong Twist
(5) 7-6205 - Eyelet and Washer

7-3014 **$678.03 L**

Spring Clamps

PERKO®

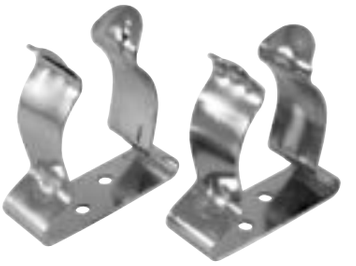


Perko Fig. 502 Spring Clamps
Polished 18-8 stainless steel. Sold per pair per display card. Standard pack 10.

Minimum ID 5/8". Maximum ID 1-1/4". Projection 1-1/2". Clamp width 1/2".
539582 (502 DP1 STS) **$9.95 H 10J**

Minimum ID 1". Maximum ID 1-3/4. Projection 2-1/4". Clamp width 5/8".
539570 (502 DP2 STS) **$11.95 H**

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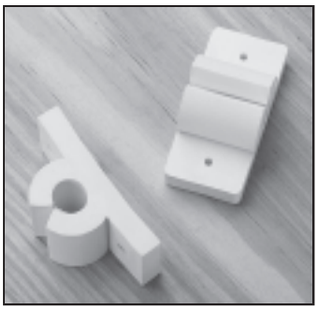
Marpac Adjustable Spring Clamps
Stainless steel. Excellent for boat hooks, flashlights, oars, fishing rods, charts, etc. Uses #6 fasteners.

Minimum ID 5/8". Maximum ID 1-1/4". Projection 1-1/2". Clamp width 1/2".
7-0099 **$5.99 F 3Q**

Minimum ID 1". Maximum ID 1-3/4". Projection 2-1/4". Clamp width 5/8".
7-0100 **$8.95 F 3Q**

Holders, Clips and Hooks

Taylor Made Products



N.A. Taylor Antenna Clips
These great rubber clips are perfect for securing antennas and poles. Holds 1/4" and 3/8" rods.

225408 (96003) **$2.95 F**

T-H Marine



T-H Marine Aqua Utility Clips
Holds any item securely. Rugged poly resists sun and salt. Stainless steel spring. Fits standard 7/8" rail.

247599 (AUC-9) Blue **$8.95 H**
247607 (AUC-9) White **$8.95 H**

T-H Marine



T-H Marine Light Clip
Secure and stow navigation lights. Fits all standard 7/8" navigation light poles.

237215 (ULC-2) White **$2.95 H**

PERKO®



Perko Fig. 492 Boat Hook Holders
Polished 18-8 stainless steel. Maximum pole OD 1-1/2". Length 3-1/2". Width 1". Uses #6 fasteners. Sold per pair per display card. Standard pack 10.

538922 (492 DP STS) **$11.95 H 10J**

BoatMates MARINE STORAGE

NEW ITEM



Boatmates Utility Hook
Super Suction hook holds lines, leaders, clothing, towels, or a wet bathing suit. Stick it up when you need it, stow it away when you don't.

500971 (2100-2) White **$6.95 G**

T-H Marine

NEW ITEM



T-H Marine Overflow Tube Storage Clips
Offers convenient storage for drain tubes and other items of similar diameter. Can hold items form 1" to 1-1/2" in diameter. Offers great storage option for fish gaffs, nets and other items as well.

642372 (UC-1) **$3.95 H**

Perko Utility Hooks

PERKO®



Perko Fig. 610 Wardrobe or Utility Hook
Chrome plated zinc. Base width 1-1/8". Projection 1-3/8". Uses #6 fasteners. Sold each per display card. Standard pack 10.

541195 (610 DP CHR) **$5.95 H 10J**

PERKO®



Perko Fig. 975 Coat and Hat Hooks
Chrome plated zinc. Uses #6 fasteners. Sold each per display card. Standard pack 10.

544139 (975 DP1 CHR) Base Width 1-1/8" Proj. 2" **$6.95 H**
544141 (975 DP2 CHR) Base Width 1-1/4" Proj. 3" **$6.95 H**

Snap Hooks



Marpac Snap Hook
Malleable iron. 2,300 lbs. breaking strength. Length overall 3-1/2". Eye 2".

7-0288 **$3.95 F 3Q**



Marpac Heavy Duty Snap Hook
Malleable iron. 5,000 lbs. breaking strength. Length overall 4". Eye 2-1/4". Spring snap closure.

7-0287 **$3.95 F 3Q**



Marpac Utility Snap Hook
Forged zinc plated steel. 1,000 lbs. breaking strength. Length overall 4-1/2". Diameter 3/4". Eye 2-1/2". Throat opening 1".

7-0289 **$1.95 F 3Q**



Solid Bronze Imported Swivel Eye Bolt Snap Hooks
Sold in bulk.

238154 (225) Length Overall 3-1/4" Eye ID 3/4" **$2.95 H 20K**
238166 (225) Length Overall 3-1/2" Eye ID 1" **$3.95 H 20K**
238178 (225) Length Overall 4-3/4" Eye ID 1-1/4" **$6.95 H 20K**



Solid Bronze Imported Fast Eye Snap Hooks
Sold in bulk.

238267 (249-0) Overall 2-1/8" L Opening 3/8" Eye ID 3/8" **$1.95 H 20K**
238279 (249-1) Overall 2-7/8" L Opening 5/8" Eye ID 5/8" **$2.95 H 20K**
238281 (249-2) Overall 3-1/4" L Opening 11/16" Eye ID 3/4" **$3.95 H 20K**
238293 (249-3) Overall 3-7/8" L Opening 3/4" Eye ID 7/8" **$5.95 H 20K**





Marpac Fast Eye Snap Hooks
Solid bronze.

7-0278 **$3.95 F 3Q**
7-0279 **$2.95 F 3Q**
7-0685 **$7.95 F 3Q**
7-1350 **$5.95 F 3Q**





Marpac Swivel Eye Bolt Snap Hooks
Solid bronze.

7-1360 3/4" **$6.95 F 3Q**
7-1362 1" **$4.95 F 3Q**
7-1364 1-1/4" **$4.95 F 3Q**

Snap Hooks



Solid Bronze Imported Swivel Eye Snap Hooks
Sold in bulk.

238306	(251-1)	Overall 3-1/4" L	Opening 5/8"	Eye ID 5/8"	**$3.95 H 20K**
238318	(251-2)	Overall 3-3/4" L	Opening 3/4"	Eye ID 3/4"	**$4.95 H 20K**
238320	(251-3)	Overall 4-1/2" L	Opening 3/4"	Eye ID 7/8"	**$5.95 H 20K**



Solid Bronze Imported Double End Bolt Snap Hook
Length overall 4-3/4" with 1/2" opening. Sold in bulk.

238142 (163) **$3.95 H**



Stainless Steel Imported Snaps
Sold in bulk.

238217	(2450SS)	Overall 2-1/2" L	Gauge OD 1/4"	**$3.95 F**
238229	(2450SS)	Overall 3-1/8" L	Gauge OD 5/16"	**$5.95 F**
238231	(2450SS)	Overall 4" L	Gauge OD 3/8"	**$9.95 F**
238243	(2450SS)	Overall 4-3/4" L	Gauge OD 7/16"	**$12.95 F**



Solid Bronze Imported Fast Eye Safety Snap Hook
Length overall 4-1/8". Eye ID 3/4". Opening 9/16". 500 lbs. breaking strength. Sold in bulk.

238205 (2311B) **$8.95 H**



Sea-Dog Swivel Eye Boat Snap
Die cast chrome plated.

721770 (148131-1) 3-1/4" L **$3.95 H**



Marpac Swivel Eye Snap Hooks
Solid bronze.

7-0276	3/8"	**$3.95 F 3Q**
7-0280	5/8"	**$5.95 F 3Q**
7-0281	3/4"	**$5.95 F 3Q**
7-0282	7/8"	**$5.95 F 3Q**



Marpac Double End Bolt Snap Hook
Solid bronze. Length overall 4-3/4". 1/2" opening. Sold 2 per card

7-1355 **$5.95 F 3Q**



Marpac Safety Snaps
Stainless steel.

7-0284	Length Overall 2-1/2"	Gauge OD 1/4"	**$5.95 F 3Q**
7-0285	Length Overall 3-1/8"	Gauge OD 5/16"	**$9.95 F 3Q**
7-0290	Length Overall 4-3/4"	Gauge OD 7/16"	**$18.95 F 3Q**

Marpac Snap
Electro-galvanized.

7-0683 Length Overall 3-1/2" Gauge OD 5/16" **$2.95 F 3Q**



Fast Eye Safety Snap Hook
Galvanized drop forged steel with stainless steel spring.

541082 (2311) Overall 4-1/8" L Opening 11/16" Eye ID 3/4" **$9.95 H**



Perko Swivel Eye Bolt Snap
Chrome plated Zinc, interlocking tongue. Skin packed. 5/8" eye, 3" long, with locking catch.

531574 (1289DP CHR) **$9.95 H**

Marpac Top Snap



Marpac Top Snap
Stainless steel. 1" snap. Sold per pair.

7-0277 **$3.95 F 3Q**

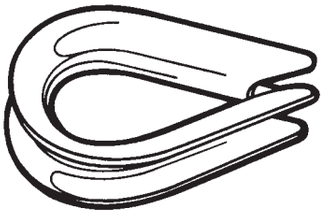
Pelican Release Hooks



Pelican Release Hooks
Burnished bronze.

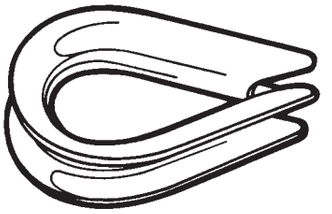
691041 (189780) Length Overall 4" Eye 1/2" x 3/8" **$10.65 G**

Thimbles



Standard Rope Thimbles
Hot dipped galvanized steel. Imported.

615433	3/16"	Each	**$0.42 H**
615421	3/16"	100 Pack	**$33.95 H**
615457	1/4"	Each	**$0.95 H**
615445	1/4"	100 Pack	**$36.95 H**
615471	5/16"	Each	**$0.42 H**
615469	5/16"	100 Pack	**$36.95 H**
615495	3/8"	Each	**$0.54 H**
615484	3/8"	100 Pack	**$43.95 H**
615508	7/16"	100 Pack	**$53.95 H**
615535	1/2"	Each	**$0.96 H**
615525	1/2"	100 Pack	**$56.95 H**
615561	5/8"	50 Pack	**$63.95 H**
615572	5/8"	Each	**$2.95 H**
615597	3/4"	Each	**$2.46 H**
615611	1"	Each	**$4.68 H**



Standard Stainless Steel Wire Rope Thimbles

212009	(S0123-003)	1/8"	**$0.49 F**
212011	(S0123-005)	3/16"	**$0.89 F**
212023	(S0123-006)	1/4"	**$1.05 F**
212035	(S0123-008)	5/16"	**$1.04 F**
212047	(S0123-010)	3/8"	**$1.89 F**
212059	(S0123-013)	1/2"	**$2.99 F**

Thimbles Type III - Heavy Duty - Galvanized

615608	1/4"	100 Per Box	**$53.95 H**
615621	1/4"	Each	**$1.15 H**
615612	5/16"	100 Per Box	**$46.95 H**
615613	5/16"	Each	**$0.95 H**
615623	3/8"	100 Per Box	**$66.95 H**
615624	3/8"	Each	**$0.95 H**
615631	7/16"	100 Per Box	**$70.95 H**
615630	7/16"	Each	**$1.75 H**
615647	1/2"	100 Per Box	**$332.95 H**
615632	1/2"	Each	**$3.25 H**
615659	5/8"	50 Per Box	**$107.95 H**
615660	5/8"	Each	**$3.95 H**

Shackles





Screw Pin Anchor Shackles
Hot dipped galvanized steel. Imported.

616017	1/8"	Each	**$1.20 H**
616005	1/8"	100 Pack	**$80.95 H**
616031	3/16"	Each	**$1.32 H**
616029	3/16"	100 Pack	**$113.95 H**
616055	1/4"	Each	**$1.38 H**
616043	1/4"	100 Pack	**$73.00 H**
616079	5/16"	Each	**$1.50 H**
616067	5/16"	100 Pack	**$76.50 H**
616093	3/8"	Each	**$1.95 H**
616081	3/8"	100 Pack	**$129.50 H**
616118	7/16"	Each	**$2.75 H**
616106	7/16"	100 Pack	**$193.95 H**
616132	1/2"	Each	**$2.95 H**
616120	1/2"	100 Pack	**$263.95 H**
616156	5/8"	Each	**$5.16 H**
616144	5/8"	50 Pack	**$374.95 H**
616170	3/4"	Each	**$8.40 H**
616168	3/4"	20 Pack	**$223.95 H**
616173	7/8"	Each	**$8.95 H**
616182	1"	Each	**$14.75 H**
616194	1-1/4"	Each	**$36.50 H**
616206	1-1/2"	Each	**$49.00 H**

Screw Pin Anchor Shackles - Load Rated
Hot dipped galvanized steel. Imported.

616258	1/4"	1/2 Ton	Each	**$1.95 H**
616257	1/4"	1/2 Ton	25 Pack	**$45.95 H**
616261	5/16"	3/4 Ton	Each	**$3.15 H**
616260	5/16"	3/4 Ton	25 Pack	**$53.95 H**
616272	3/8"	1 Ton	Each	**$4.25 H**
616271	3/8"	1 Ton	20 Pack	**$58.95 H**
616284	7/16"	1-1/2 Ton	Each	**$4.50 H**
616283	7/16"	1-1/2 Ton	20 Pack	**$88.95 H**
616296	1/2"	2 Ton	Each	**$5.90 H**
616295	1/2"	2 Ton	20 Pack	**$101.95 H**
617502	5/8"	3-1/4 Ton	Each	**$10.98 H**
616308	5/8"	3-1/4 Ton	10 Pack	**$58.95 H**
616310	3/4"	4-3/4 Ton	10 Pack	**$83.95 H**
617514	3/4"	4-3/4 Ton	Each	**$15.90 H**





Marpac Screw Pin Anchor Shackles
Hot dipped galvanized steel. Sold per card.

7-0395	1/4"	**$1.95 F**
7-0396	5/16"	**$1.95 F**
7-0397	3/8"	**$2.95 F**
7-0398	1/2"	**$2.95 F**



Screw Pin Anchor Shackles
Cast 316 stainless steel. Sold in bulk.

745008	(S0116-0006)	1/4"	**$4.95 F**
745010	(S0116-0008)	5/16"	**$7.95 F**
745022	(S0116-0010)	3/8"	**$10.95 F**



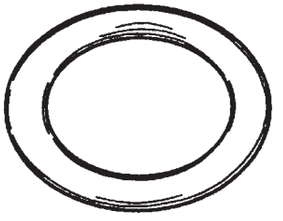




Marpac Screw Pin Anchor Shackles
Cast 316 stainless steel. Sold per card.

7-0267	1/4"	**$6.95 F 3Q**
7-0268	5/16"	**$7.95 F 3Q**
7-0269	3/8"	**$12.95 F 3Q**
7-0270	1/2"	**$16.95 F 3Q**

Galvanized Heavy Steel Ring



Galvanized Heavy Steel Ring
690316 (492) 3/8" x 2-1/2" ID **$4.38 H 10K**

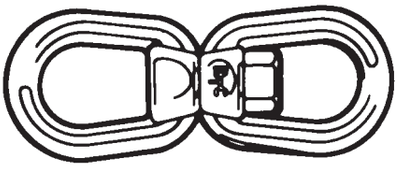
Galvanized Steel "S" Hooks



Galvanized Steel "S" Hooks

688981	(267)	Dia.1/4"	Length Overall 2-1/4"	**$0.95 H 40K**
688993	(267)	Dia. 5/16"	Length Overall 2-3/4"	**$1.95 H**
689008	(267)	Dia. 3/8"	Length Overall 3"	**$2.95 H**

Galvanized Steel Eye & Eye Swivels



Imported Galvanized Steel Eye and Eye Swivels

616992	1/4"	Each	**$5.24 H**
617209	1/4"	25 Pack	**$105.95 H**
617007	5/16"	Each	**$6.44 H**
617211	5/16"	25 Pack	**$100.95 H**
617019	3/8"	Each	**$8.04 H**
617223	3/8"	25 Pack	**$129.95 H**
617021	1/2"	Each	**$8.92 H**
617235	1/2"	25 Pack	**$179.95 H**

Shoulder Nut Eye Bolts



DMI #	MFG #	Dia.	Overall L.	Eye ID	SWL	Price
Galvanized Weldless Drop Forged Steel						
688715	2221	1/4"	2"	1/2"	#250	**$3.70 H 10K**
688739	2221	5/16"	2-1/4"	5/8"	#500	**$2.62 H 10K**
688741	2221	5/16"	4-1/4"	5/8"	#500	**$3.10 H 10K**
688753	2221	3/8"	2-1/2"	3/4"	#750	**$3.63 H 10K**
688765	2221	3/8"	4-1/2"	3/4"	#750	**$3.93 H 10K**

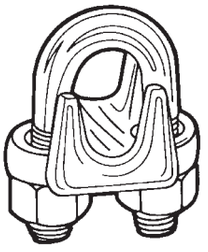
Jaw and Jaw Turnbuckles

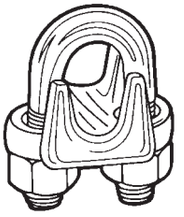
Galvanized Steel



617033	1/4" Diameter x 4" Adj.	Each	**$12.60 H**
617300	1/4" Diameter x 4" Adj.	10 Pk	**$133.95 H**
617045	5/16" Diameter x 4-1/2" Adj.	Each	**$16.20 H**
617312	5/16" Diameter x 4-1/2" Adj.	10 Pk	**$166.95 H**
617057	3/8" Diameter x 6" Adj.	Each	**$17.00 H**
617324	3/8" Diameter x 6" Adj.	10 Pk	**$84.95 H**
617069	1/2" Diameter x 6" Adj.	Each	**$18.55 H**
617336	1/2" Diameter x 6" Adj.	5 Pk	**$54.95 H**
617071	1/2" Diameter x 9" Adj.	Each	**$19.95 H**
617348	1/2" Diameter x 9" Adj.	5 Pk	**$72.95 H**
617083	1/2" Diameter x 12" Adj.	Each	**$23.40 H**
617350	1/2" Diameter x 12" Adj.	5 Pk	**$82.95 H**
617362	5/8" Diameter x 6" Adj.	5 Pk	**$119.95 H**
617108	5/8" Diameter x 9" Adj.	Each	**$29.00 H**
617374	5/8" Diameter x 9" Adj.	5 Pk	**$97.95 H**

Galvanized Wire Rope Clips

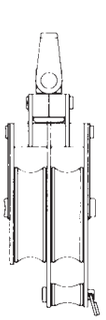


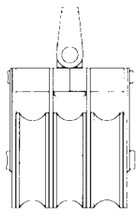


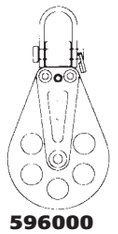
Imported Galvanized Wire Rope Clips

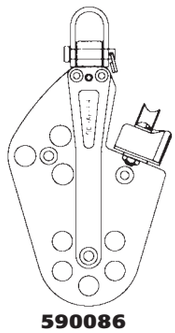
615015	1/8"	Each	**$0.30 H**
615003	1/8"	100 Pack	**$15.95 H**
615039	3/16"	Each	**$0.42 H**
615027	3/16"	100 Pack	**$29.95 H**
615053	1/4"	Each	**$0.54 H**
615041	1/4"	100 Pack	**$48.95 H**
615077	5/16"	Each	**$0.60 H**
615065	5/16"	100 Pack	**$48.95 H**
615091	3/8"	Each	**$0.95 H**
615089	3/8"	50 Pack	**$39.95 H**
615130	1/2"	Each	**$1.26 H**
615128	1/2"	50 Pack	**$41.95 H**
615154	5/8"	Each	**$1.80 H**
615142	5/8"	50 Pack	**$63.95 H**
615166	3/4"	Each	**$2.35 H**

Schaefer Ball Bearing Sheave Blocks


596050


596062


596000


590086

Schaefer Ball Bearing Sheave Blocks

Highly polished stainless steel with delrin ball bearing sheaves for long lasting safe working loads.

596000 (706-05)	Single Sheave	5-1/32" L x 2-1/2" W x 13/32" T	**$85.95 H**
596062 (706-94)	Triple Sheave	5-1/32" L x 2-1/2" W x 2-29/32" T	**$208.95 H**
596050 (706-35)	Double w/Becket	7-3/32" L x 2-1/2" W x 2" T	**$189.95 H**
596086 (706-65)	Fiddle Block	7-15/32" L x 4" W x 2-11/16" T	**$238.95 H**

Schaefer Single Block Swivel Shackle



Schaefer Single Block Swivel Shackle

Stainless steel with delrin sheave. Dim.: 3-1/2" L x 1-3/16" W x 19/32" T.

593222 (02-05) **$44.95 H**

Imported Try Net Block



Imported Try Net Block

Note: Not for use with wire rope.

618504 5 Ton Diameter 6" **$86.95 H**

Imported hay Fork Pulleys



Imported Hay Fork Pulleys

618542	4"	Manila	**$28.95 H**
618554	4"	Wire	**$28.95 H**

Imported Rigging Block



Imported Rigging Block

618580 3" **$21.95 H**

Packing Boxes



Buck-Algonquin Heavy Duty Stud Type Packing Boxes
Cast bronze plain finish. Complete with hose and clamps.

265138	Shaft Size 1-1/4"	Hose End ID 2-1/4"	**$144.95 G**
265151	Shaft Size 1-1/2"	Hose End ID 2-1/2"	**$144.95 G**
265164	Shaft Size 1-3/4"	Hose End ID 3"	**$352.95 G**
622263	Shaft Size 1-3/4"	Hose End ID 3-1/2"	**$343.95 G**
265177	Shaft Size 2"	Hose End ID 3"	**$351.95 G**
622274	Shaft Size 2"	Hose End ID 3-1/2"	**$343.95 G**
265190	Shaft Size 2-1/4"	Hose End ID 3-1/2"	**$277.95 G**
265203	Shaft Size 2-1/2"	Hose End ID 3-1/2"	**$372.95 G**



Buck-Algonquin Packing Boxes - Complete Assemblies
A complete assembly includes all parts shown (2 clamps). The nut, spud and body are finely machined cast bronze. Hose is 5 ply marine exhaust hose. Clamp is all stainless steel up to and including 1-1/4" sizes. Larger sizes have heavy duty malleable iron clamp with rustproof plating.

541513	(PB-100)	Shaft Size 1"	Hose End ID 1-3/4"	**$83.95 G**
265047	(PB-125)	Shaft Size 1-1/4"	Hose End ID 2-1/4"	**$110.95 G**
265073	(PB-150)	Shaft Size 1-1/2"	Hose End ID 2-1/2"	**$139.95 G**
265086	(PB-175)	Shaft Size 1-3/4"	Hose End ID 3"	**$234.95 G**
265099	(PB-200)	Shaft Size 2"	Hose End ID 3"	**$235.95 G**

Rudder Ports



Buck-Algonquin Regular Rudder Ports
Cast bronze plain finish. Inside mount.

261557	Shaft 1"	Mounting Flange 3-7/8" x 3-7/8"	Length 4"	**$137.95 G**
261583	Shaft 1-1/4"	Mounting Flange 4-1/4" x 4-1/4"	Length 4"	**$225.95 G**
261610	Shaft 1-1/2"	Mounting Flange 4-1/2" x 4-1/2"	Length 5"	**$333.95 G**
261646	Shaft 1-1/2"	Mounting Flange 3-3/4" x 7"	Length 5"	**$320.95 G**
261658	Shaft 1-3/4"	Mounting Flange 4-1/4" x 7-1/4"	Length 5"	**$463.95 G**
261660	Shaft 2"	Mounting Flange 4-1/4" x 7-1/4"	Length 5"	**$463.95 G**



Buck-Algonquin Tournament Regular Rudder Port

622541	Shaft 1-1/2"	Mounting Flange 4" x 4"	Length 6"	**$352.95 G**

Rudder Collars



Buck-Algonquin Rudder Collars
Cast bronze with 5/16" bolt.

261153	Shaft Size ID 1"	**$25.95 G**
261177	Shaft Size ID 1-1/4"	**$27.95 G**
261191	Shaft Size ID 1-1/2"	**$18.95 G**
261204	Shaft Size ID 1-3/4"	**$32.95 G**

Tiller Arms



Buck-Algonquin Tiller Arms
Manganese bronze with bolt and keyway.

261305	Shaft Size 1"	Overall Length 9-1/2"	**$61.95 G**
261343	Shaft Size 1-1/4"	Overall Length 11-1/2"	**$55.95 G**
261367	Shaft Size 1-1/2"	Overall Length 15-3/4"	**$150.95 G**
261379	Shaft Size 1-3/4"	Overall Length 15-3/4"	**$111.95 G**
261381	Shaft Size 2"	Overall Length 15-3/4"	**$100.95 G**

PSS Shaft Seal

PYI INC.

NEW ITEM



PSS Shaft Seal

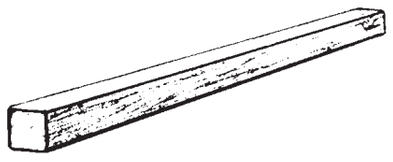
The PSS Shaft Seal is a mechanical seal that uses a self-aligning carbon-graphite stator to ensure a 100% watertight seal with proven reliability. This seal will eliminate shaft wear and minimize corrosion.

A mechanical seal is created by the contact of a turning surface against a stationary surface. In the case of the PSS Shaft Seal, the stationary surface is a carbon flange held in contact against a stainless steel rotor which turns with the shaft. The carbon flange is attached to the boat by a nitrile bellow which, with the help of water pressure, produces a constant contact between the carbon and the stainless steel ring. These type of seals are unaffected by engine motion or vibrations. The result is a 100% watertight and totally maintenance-free seal.

032108 (02-078-134)	Shaft Diameter 7/8"	Stern Tube Outside Diameter 1-3/4"	**$176.95 A**
032110 (02-100-134)	Shaft Diameter 1"	Stern Tube Outside Diameter 1-3/4"	**$183.95 A**
032122 (02-100-200)	Shaft Diameter 1"	Stern Tube Outside Diameter 2"	**$183.95 A**
032134 (02-114-200)	Shaft Diameter 1-1/4"	Stern Tube Outside Diameter 2"	**$213.95 A**
032146 (02-114-214)	Shaft Diameter 1-1/4"	Stern Tube Outside Diameter 2-1/4"	**$213.95 A**
032158 (02-112-214)	Shaft Diameter 1-1/2"	Stern Tube Outside Diameter 2-1/4"	**$279.95 A**
032160 (02-112-212)	Shaft Diameter 1-1/2"	Stern Tube Outside Diameter 2-1/2"	**$279.95 A**
032172 (02-112-234)	Shaft Diameter 1-1/2"	Stern Tube Outside Diameter 2-3/4"	**$279.95 A**
032184 (02-112-300)	Shaft Diameter 1-1/2"	Stern Tube Outside Diameter 3"	**$279.95 A**
032196 (02-134-212)	Shaft Diameter 1-3/4"	Stern Tube Outside Diameter 2-1/2"	**$308.95 A**
032209 (02-134-300)	Shaft Diameter 1-3/4"	Stern Tube Outside Diameter 3"	**$308.95 A**
032211 (02-134-314)	Shaft Diameter 1-3/4"	Stern Tube Outside Diameter 3-1/4"	**$308.95 A**
032223 (02-134-312)	Shaft Diameter 1-3/4"	Stern Tube Outside Diameter 3-1/2"	**$308.95 A**
032235 (02-200-314)	Shaft Diameter 2"	Stern Tube Outside Diameter 3-1/4"	**$367.95 A**
032247 (02-200-312)	Shaft Diameter 2"	Stern Tube Outside Diameter 3-1/2"	**$367.95 A**
032259 (02-214-334)	Shaft Diameter 2-1/4"	Stern Tube Outside Diameter 3-3/4"	**$411.95 A**
032261 (02-214-400)	Shaft Diameter 2-1/4"	Stern Tube Outside Diameter 4"	**$411.95 A**
032273 (02-212-334)	Shaft Diameter 2-1/2"	Stern Tube Outside Diameter 3-3/4"	**$411.95 A**
032285 (02-212-400)	Shaft Diameter 2-1/2"	Stern Tube Outside Diameter 4"	**$411.95 A**

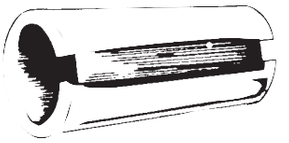
Centek Industries Shaft Log Rudder Post Housing

675213 (1100207)	2.000" ID	3.000" OD	**$41.95 G**
675225 (1100216)	2.500" ID	3.000" OD	**$23.95 G**
675237 (1100226)	2.750" ID	3.500" OD	**$35.95 G**
675249 (1100232)	3.000" ID	4.000" OD	**$52.95 G**
675251 (1100257)	3.735" ID	5.000" OD	**$76.95 G**
675255 (1100242)	2.875" ID	3.880" OD	**$51.95 G**



Brass Propeller Keyway Key

222567 1/4" x 2"	**$0.95 E**
222579 5/16" x 2-1/2"	**$0.95 E**
222581 3/8" x 3-1/4"	**$1.95 E**

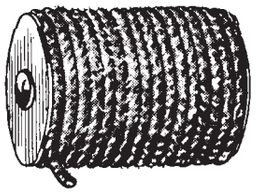


Anchor Supply Propeller Bore Reducer Bushings

Tough nylon bushing with brass stepdown key quickly and easily reduce propeller bore to fit smaller diameter shafts. All tapers are SAE Marine Standard.

222656 1-1/8" to 1"	**$23.95 E**
222668 1-1/4" to 1"	**$23.95 E**
222670 1-1/4" to 1-1/8"	**$24.95 E**
222682 1-3/8" to 1-1/4"	**$25.95 E**
222694 1-1/2" to 1-1/4"	**$29.95 E**
222707 1-1/2" to 1-3/8"	**$29.95 E**
222719 1-3/4" to 1-1/2"	**$45.95 E**
222721 2" to 1-1/2"	**$48.95 E**
222733 2" to 1-3/4"	**$48.95 E**
222740 2-1/4" to 2"	**$72.95 E**
222745 2-1/2" to 2"	**$74.95 E**
222757 2-1/2" to 2-1/4"	**$74.95 E**

Marine Packing



Square Flax Packing

379912 3/16" x 3′		**$7.95 H**
379924 1/4" x 3′		**$7.95 H**
379936 5/16" x 3′		**$7.95 H**
379948 3/8" x 3′		**$7.95 H**

Ten Pound Box

380054 3/16"	Approx. 55.50′	**$76.95 F**
380042 1/4"	Approx. 32′	**$76.95 F**
380066 5/16"	Approx. 20.41'	**$76.95 F**
380078 3/8"	Approx. 14.22'	**$76.95 F**
380082 1/2"	Approx. 8′	**$76.95 F**
380106 5/8"	Approx. 5.12'	**$76.95 F**
380117 3/4"	Approx. 3.55'	**$76.95 F**
380129 7/8"	Approx. 2.61'	**$76.95 F**
380131 1"	Approx. 2′	**$76.95 F**
380143 1-1/8"		**$76.95 F**

Twenty-Five Pound Box

380146 1-1/8"	**$192.95 F**
380159 1-1/4"	**$192.95 F**
380162 1-1/2"	**$192.95 F**
380164 3/4"	**$270.95 F**

Packing Puller Flexible Shaft

261812 (10160)	Small - Size 1	**$10.95 E**
261824 (10161)	Medium - Size 2	**$12.95 E**
261836 (10162)	Large - Size 3	**$20.95 E**



Duramax® Ultra-X™ Packing

Dissipates frictional heat, over 5 times more thermally conductive than flax and PTFE. Grease-free installation. Virtually eliminates shaft scoring-stays pliable, never hardens or becomes abrasive. Leakage practically eliminated. Lasts over 5 times longer than other packing.

428810 (X-5/8″)	5/8″	10# Box	**$560.00 B**
428815 (X-3/4″)	3/4″	10# Box	**$560.00 B**
428820 (X-7/8″)	7/8″	10# Box	**$560.00 B**
428825 (X-1″)	1″	10# Box	**$560.00 B**

Gore Tex Packing

For marine use is virtually maintenance-free and hardly ever drips. It keeps bilges clean and helps to meet current environmental requirements. Runs cool, even at high shaft speeds, because it dissipates frictional heat. It is over four times more thermally conductive than flax. With only minimal thermal expansion, GFO fiber packing easily handles high shaft speeds without being consumed or destroyed.



Key Features:

- Runs cool at high shaft speeds
- Grease-free
- Minimum leakage, hardly drips

Key Benefits

- Virtually Maintenance-Free
- Chemically inert
- Easy to cut and handle
- Eliminates costly equipment damage
- Does not cause galvanic corrosion

318283 (ML4002)	1-1/4″	25# Box	Approx. 25′	**$1,471.95 B**
318255 (M10262G10)	1/2″	10# Box	Approx. 61′	**$589.00 B**
318267 (M10262I10)	5/8″	10# Box	Approx. 39′	**$589.00 B**
318279 (M10262K10)	3/4″	10# Box	Approx. 27.9′	**$589.00 B**
318293 (M10262M10)	7/8″	10# Box	Approx. 21′	**$589.00 B**
318281 (M10262O10)	1″	10# Box	Approx. 16.3′	**$589.00 B**

NEW ITEM



Teflon (PTFE) Flax Packing

PTFE Flax packing is braided from quality flax rovings which are then impregnated with TEFLON (PTFE). The result is a quality packing that offers high performance and extended packing life.

380169 (10016)	3/16″ x 2′	**$9.95 H**
380170 (10017)	1/4″ x 2′	**$9.95 H**
380171 (10018)	5/16″ x 2′	**$9.95 H**
380172 (10019)	3/8″ x 2′	**$13.95 H**
380173 (10021)	1/2″ x 2′	**$13.95 H**

Teflon (PTFE) Flax Packing

This popular shaft packing is a blend of quality flax rovings that are braided to a high quality standard.The braid is then impregnated with TEFLON (PTFE) to give it a low surface friction. This combination results in a packing that delivers solid performance,season after season.

One Pound Spools

380177 (10101)	3/16″	Approx. 59′	**$27.95 F**
380178 (10102)	1/4″	Approx. 33′	**$27.95 F**
380179 (10103)	5/16″	Approx. 21′	**$27.95 F**
380180 (10104)	3/8″	Approx. 15′	**$27.95 F**

Ten Pound Spools

380183 (10315)	1/2″	Approx. 82′	**$282.95 F**
380184 (10316)	5/8″	Approx. 53′	**$282.95 F**
380185 (10317)	3/4″	Approx. 35′	**$282.95 F**
380186 (10318)	7/8″	Approx. 24′	**$282.95 F**
380187 (10319)	1″	Approx. 20′	**$282.95 F**
380188 (10320)	1-1/8″	Approx. 15′	**$282.95 F**
380189 (10321)	1-1/4″	Approx. 12′	**$282.95 F**

Johnson Rubber Co. Stuffing Boxes

Special Order Only



Solid Bronze

for Heavy Duty Commercial Marine Service

Johnson Stuffing Boxes are heavy duty units fitted with a water inlet for stern-tube bearing lubrication. Mounting flange incorporate a pilot ring which intrudes into the shaft housing to exert necessary compression on the bearing staves to lock them in position. An inflatable air seal allows gland to be serviced which vessel is afloat. Units available for water lubrication or combination water-grease lubrication.

Inflatable Air Seal Design Allows Gland Servicing While Ship is Afloat



Fig. 1786 I.R. Air, Water and Grease Comb.	Fig. 1787 I.R. Air-Grease	Fig. 1788 I.R. Air-Water	Fig. 1789 Water Only	Replacement Rubber Ring



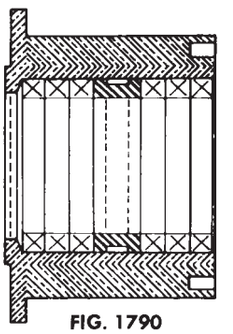


FIG. 1790

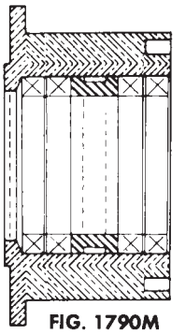
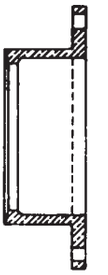


FIG. 1790M



GLAND



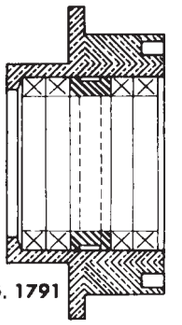
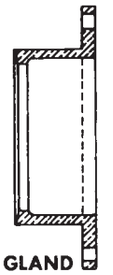
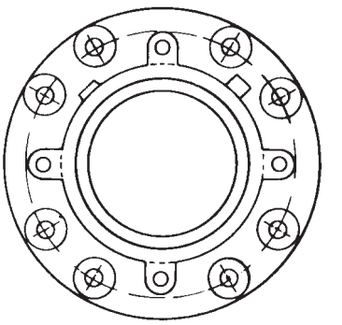


FIG. 1791



GLAND



MOUNTING FLANGE

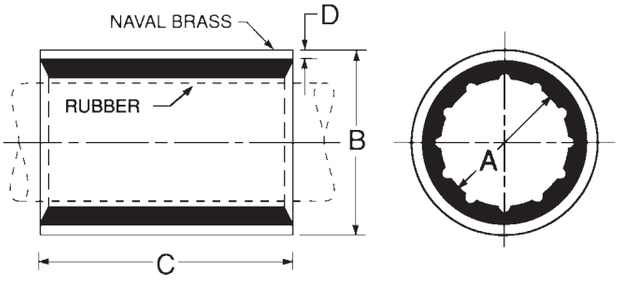
All sizes supplied with Grease Lantern Ring. Packing is not included as standard equipment. An additional charge will be made when packing is specified. Mounting Flange Holes are drilled standard unless otherwise specified.

Bronze stuffing boxes sizes 2-1/2" through 6-1/4" can be supplied with integral steel mounting flange for bulkhead welding at 20% additional charge. When ordering specify steel flange.

ALUMINUM BOX	BRONZE BOX			
Fig. 1789 Price Each	Fig. 1790 Price Each	Fig. 1790 Price Each	Fig. 1790M Price Each	Fig. 1791 Price Each

427840 (1790M-0278) Brass, 2-7/8" **$450.00 B**

Johnson Rubber Co. Sleeve Bearing Specifications Chart



(A) Shaft or Sleeve Size	(B) Outside Diameter	(C) Length	(D) Wall Thick	Metallic Shell	Non-Metallic Shell
3/4"	1-1/4"	3"	1/8"	ABLE	ALDA
7/8"	1-1/4"	3-1/2"	1/16"	ACID	ALICE
7/8"	1-3/8"	3-1/2"	1/8"	APEX	ANNE
7/8"	1-1/2"	3-1/2"	1/8"	ATOM	ARDELE
1"	1-1/4"	4"	1/16"	BACK	BABE
1"	1-1/4"	6"	1/16"	BADE	–
1"	1-3/8"	4"	1/16"	BAIT	BECKY
1"	1-1/2"	4"	1/8"	BALE	BETTY
1"	1-5/8"	4"	1/8"	BAND	CANDY
1"	2"	4"	1/8"	BASE	CARLA
1-1/8"	1-1/2"	4-1/2"	1/16"	BEAM	CEIL
1-1/8"	1-5/8"	4-1/2"	1/8"	BELT	CINDY
1-1/8"	1-3/4"	4-1/2"	1/8"	BEND	CONNIE
1-1/8"	2"	4-1/2"	1/8"	BILL	CORA
1-1/4"	1-1/2"	5"	1/16"	BIND	DEENA
1-1/4"	1-3/4"	5"	1/8"	BIRD	DELLA
1-1/4"	2"	5"	1/8"	BITE	DORIS
1-1/4"	2-1/8"	5"	1/8"	BLOW	DOTTY
1-3/8"	1-7/8"	5-1/2"	1/8"	BOAT	EDNA
1-3/8"	2"	5-1/2"	1/8"	BOLD	ELLEN
1-3/8"	2-1/8"	5-1/2"	1/8"	BOND	ELSA
1-3/8"	2-3/8"	5-1/2"	1/8"	BOOT	ERMA
1-1/2"	2"	6"	1/8"	BOSS	EVA
1-1/2"	2-3/8"	6"	1/8"	BRAD	FANNY
1-5/8"	2-1/8"	6-1/2"	1/8"	BREW	FLO
1-5/8"	2-5/8"	6-1/2"	1/8"	BRIM	FRAN
1-3/4"	2-3/8"	7"	1/8"	BROW	GLENDA
1-3/4"	2-5/8"	7"	1/8"	BUCK	GLORIA
1-7/8"	2-5/8"	7-1/2"	1/8"	BULB	GWEN
1-7/8"	2-15/16"	7-1/2"	3/32"	BULL	HANNA
2"	2-5/8"	8"	1/8"	CALL	HAZEL
2"	2-3/4"	8"	1/8"	CAMP	–
2"	3"	8"	1/8"	CALM	HELEN
2-1/8"	2-15/16"	8-1/2"	3/32"	CAME	HILDA
2-1/8"	3-1/8"	8-1/2"	1/8"	CAPE	ILA
2-1/4"	2-15/16"	9"	3/32"	CARE	INEZ
2-1/4"	3"	9"	1/8"	CARD	IRIS
2-1/4"	3-1/8"	9"	1/8"	CART	INGRID
2-1/4"	3-3/8"	9"	1/8"	CASE	IRENE
2 3/8"	3-3/8"	9-1/2"	1/8"	COOK	JENNY
2-1/2"	3-1/8"	10"	1/8"	CORD	JOAN
2-1/2"	3-3/8"	10"	1/8"	CORN	JOSIE

(A) Shaft or Sleeve Size	(B) Outside Diameter	(C) Length	(D) Wall Thick	Metallic Shell	Non-Metallic Shell
2-1/2"	3-1/2"	10"	5/32"	COVE	–
2-5/8"	3-3/8"	10-1/2"	1/8"	CRAB	JOYCE
2-3/4"	3-3/8"	11"	1/8"	CROW	JUNE
2-3/4"	3-1/2"	11"	5/32"	CUBE	–
2-3/4"	3-3/4"	11"	1/8"	CURD	KATHY
2-7/8"	3-3/4"	11-1/2"	1/8"	CURE	KELLY
3"	3-3/4"	12"	1/8"	DANE	KIM
3"	4"	12"	1/8"	DARE	LAURA
3-1/8"	4-1/4"	12-1/2"	1/8"	DARK	LENA
3-1/4"	4"	13"	1/8"	DARN	LINDA
3-1/4"	4-1/4"	13"	1/8"	DELL	LISA
3-3/8"	4-1/2"	13-1/2"	1/8"	DIKE	LOIS
3-1/2"	4-1/4"	14"	1/8"	DINE	MANDY
3-1/2"	4-1/2"	14"	1/8"	DOCK	MARIE
3-5/8"	4-1/2"	14-1/2"	1/8"	DOLE	MARTHA
3-3/4"	4-1/2"	15"	1/8"	DONE	MARY
3-3/4"	5"	15"	3/16"	DOVE	NANCY
3-3/4"	5-1/4"	15"	3/16"	DRAW	NEVA
3-7/8"	5-1/4"	15-1/2"	3/16"	DULL	NORA
4"	5"	16"	3/16"	EARN	OLGA
4"	5-1/4"	16"	3/16"	EASE	OLIVE
4-1/8"	5-1/4"	16-1/2"	3/16"	ECHO	OPAL
4-1/4"	5-1/2"	17"	3/16"	EDIT	PAM
4-3/8"	5-3/4"	17-1/2"	3/16"	ELSE	PANSY
4-1/2"	5-1/2"	18"	3/16"	EPIC	PAULA
4-1/2"	5-3/4"	18"	3/16"	EDGE	PENNY
4-5/8"	6-1/8"	18-1/2"	1/4"	EVEN	RHODE
4-3/4"	6-1/8"	19"	1/4"	EVER	RINA
4-7/8"	6-1/8"	19-1/2"	1/4"	EVIL	ROSE
5"	6-1/8"	20"	1/4"	FACE	RUTH
5"	6-1/2"	20"	1/4"	FACT	SALLY
5-1/4"	6-3/4"	21"	1/4"	FADE	SANDRA
5-1/4"	7"	21"	1/4"	FARE	SARAN
5-3/8"	6-3/4"	21-1/2"	1/4"	FEAR	SUSAN
5-3/8"	7"	21-1/2"	1/4"	FELT	TONI
5-1/2"	7"	22"	1/4"	FIND	TRICIA
5-5/8"	7"	22-1/2"	1/4"	FLAT	VERA
5-3/4"	7"	23"	1/4"	FORK	WANDA
5-7/8"	7-1/2"	24"	1/4"	FUEL	WINNIE
6"	7-1/2"	24"	1/4"	GALE	ZELDA
6-1/2"	8-3/8"	30"	7/16"	GOLD	–

Johnson Rubber Co. Water Lubricated Rubber Sleeve Bearings

Johnson Rubber Co.

Water Lubricated Rubber Sleeve Bearings

Naval Bronze Shell. Smooth molded rubber surface minimizes vibration and friction. Proper clearance tolerances between bearing and journal surfaces provides for efficient lubrication.



426230	Shaft Size 3/4"	1-1/4" OD	Length 3"	**$71.48 L**
426254	Shaft Size 7/8"	1-3/8" OD	Length 3-1/2"	**$76.33 L**
426278	Shaft Size 1"	1-1/4" OD	Length 4"	**$74.74 L**
426280	Shaft Size 1"	1-3/8" OD	Length 4"	**$78.99 L**
426292	Shaft Size 1"	1-1/2" OD	Length 4"	**$77.32 L**
426305	Shaft Size 1"	1-5/8" OD	Length 4"	**$78.71 L**
426317	Shaft Size 1"	2" OD	Length 4"	**$99.10 L**
426329	Shaft Size 1-1/8"	1-1/2" OD	Length 4-1/2"	**$97.92 L**
426343	Shaft Size 1-1/8"	1-3/4" OD	Length 4-1/2"	**$102.97 L**
426355	Shaft Size 1-1/8"	2" OD	Length 4-1/2"	**$109.80 L**
426367	Shaft Size 1-1/4"	1-1/2" OD	Length 5"	**$99.10 L**
426379	Shaft Size 1-1/4"	1-3/4" OD	Length 5"	**$99.89 L**
426381	Shaft Size 1-1/4"	2" OD	Length 5"	**$104.64 L**
426393	Shaft Size 1-1/4"	2-1/8" OD	Length 5"	**$115.33 L**
426406	Shaft Size 1-3/8"	1-7/8" OD	Length 5-1/2"	**$111.27 L**
426418	Shaft Size 1-3/8"	2" OD	Length 5-1/2"	**$120.97 L**
426420	Shaft Size 1-3/8"	2-3/8" OD	Length 5-1/2"	**$133.25 L**
426432	Shaft Size 1-1/2"	2" OD	Length 6"	**$138.01 L**
426444	Shaft Size 1-1/2"	2-3/8" OD	Length 6"	**$145.83 L**
426468	Shaft Size 1-3/4"	2-3/8" OD	Length 7"	**$170.03 L**
426470	Shaft Size 1-3/4"	2-5/8" OD	Length 7"	**$173.83 L**
426483	Shaft Size 1-7/8"	2-15/16" OD		**$203.42 L**
426494	Shaft Size 2"	2-5/8" OD	Length 8"	**$193.43 L**
426507	Shaft Size 2"	3" OD	Length 8"	**$198.12 L**
426519	Shaft Size 2-1/4"	2-15/16" OD	Length 9"	**$241.01 L**
426521	Shaft Size 2-1/4"	3-1/8" OD	Length 9"	**$251.10 L**
426557	Shaft Size 2-1/2	3-1/8" OD	Length 10"	**$296.08 L**
426569	Shaft Size 2-1/2"	3-3/8" OD	Length 10"	**$297.88 L**
426571	Shaft Size 2-3/4"	3-3/8" OD	Length 11"	**$345.27 L**
426583	Shaft Size 2-3/4"	3-3/4" OD	Length 11"	**$362.96 L**
426595	Shaft Size 3"	3-3/4" OD	Length 12"	**$388.15 L**
426608	Shaft Size 3"	4" OD	Length 12"	**$400.33 L**
426634	Shaft Size 3-1/4"	4-1/4" OD	Length 13"	**$481.80 L**
426646	Shaft Size 3-1/2"	4-1/4" OD	Length 14"	**$518.33 L**
426658	Shaft Size 3-1/2"	4-1/2" OD	Length 14"	**$522.67 L**
426660	Shaft Size 3-5/8"	4-1/2" OD	Length 14-1/2"	**$584.94 L**
426684	Shaft Size 3-3/4"	5-1/4" OD	Length 15"	**$747.02 L**
426696	Shaft Size 4"	5" OD	Length 16"	**$801.53 L**
426709	Shaft Size 4"	5-1/4" OD	Length 16"	**$861.57 L**
426723	Shaft Size 4-1/2"	5-1/2" OD	Length 18"	**$1,024.35 L**
426735	Shaft Size 4-1/2"	5-3/4" OD	Length 18"	**$1,093.18 L**
426759	Shaft Size 5"	6-1/8" OD	Length 20"	**$1,466.96 L**
426761	Shaft Size 5"	6-1/2" OD	Length 20"	**$1,577.46 L**
426785	Shaft Size 5-1/4"	7" OD	Length 21"	**$1,803.49 L**
426800	Shaft Size 5-1/2"	7" OD	Length 22"	**$2,049.09 L**
426812	Shaft Size 5-3/4"	7" OD	Length 23"	**$2,175.77 L**
426824	Shaft Size 6"	7-1/2" OD	Length 24"	**$2,289.01 L**

Johnson Rubber Co.

Water Lubricated Rubber Sleeve Bearings

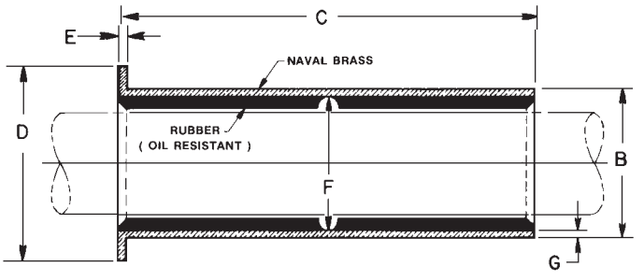
The shell is reinforced thermoset plastic specially engineered. The compounded Nitrile Rubber is securely bonded to the shell with all tolerances maintained for proper lubrication. The **Non-Metallic Sleeve Bearings** are ideally suited for installations where corrosion or electrolysis is a problem. Half the weight of standard brass sleeve bearings and lower cost.

All Other Standard Sizes Available Upon Request.



427105	Shaft Size 1"	1-1/2" OD	Length 4"	**$62.07 L**
427143	Shaft Size 1-1/4"	1-3/4" OD	Length 5"	**$79.74 L**
427167	Shaft Size 1-1/4"	2" OD	Length 5"	**$84.46 L**
427179	Shaft Size 1-1/4"	2-1/8" OD	Length 5"	**$92.06 L**
427206	Shaft Size 1-1/2"	2" OD	Length 6"	**$110.25 L**
427218	Shaft Size 1-1/2"	2-3/8" OD	Length 6"	**$116.89 L**
427232	Shaft Size 1-3/4"	2-3/8" OD	Length 7"	**$134.55 L**
427244	Shaft Size 1-3/4"	2-5/8" OD	Length 7"	**$137.42 L**
427268	Shaft Size 2"	2-5/8" OD	Length 8"	**$156.58 L**
427270	Shaft Size 2"	3" OD	Length 8"	**$160.08 L**
427307	Shaft Size 2-1/4"	2-15/16" OD	Length 9"	**$194.87 L**
427319	Shaft Size 2-1/4"	3-1/8" OD	Length 9"	**$203.05 L**
427321	Shaft Size 2-1/4"	3-3/8" OD	Length 9"	**$224.02 L**
427345	Shaft Size 2-1/2"	3-1/8" OD	Length 10"	**$232.64 L**
427357	Shaft Size 2-1/2"	3-3/8" OD	Length 10"	**$240.82 L**
427383	Shaft Size 3"	3-3/4" OD	Length 12"	**$320.07 L**
427395	Shaft Size 3"	4" OD	Length 12"	**$329.32 L**
427446	Shaft Size 3-1/2"	4-1/2" OD	Length 14"	**$425.92 L**

Johnson Rubber Co. Solid Flanged Bearings, Full Molded Type for Strut or Aft Stern Tube



Johnson®

Duramax flanged type water lubricated bearings are centrifugally cast naval brass with an integral flange for bolting to stern tube or strut housing to retain bearing and prevent rotation in housing. Specially formulated oil and chemical resistant nitrile rubber is securely bonded to the shell. Flanges are furnished not drilled. Meets MIL-B-17901B military specification. (Ships Class II).

Code	(A) Shaft or Sleeve Size	(B) Outside Diameter	(C) Length	(D) Flange Diameter	(E) Flange Thickness	(F) Metal ID	(G) Metal Thickness	Special Instructions	Shipping Weight
BRACE	2"	3"	8"	5"	3/8"	2-5/8"	3/16"		8 lbs.
BROAD	2-1/2"	3-3/8"	10"	5-1/2"	3/8"	3-1/8"	1/8"		9 lbs.
CATCH	3"	4-1/4"	12"	6-3/4"	1/2"	3-3/4"	1/4"	**DMI #427561**	17 lbs.
CLAMP	3-1/4"	4-1/2"	13"	7"	1/2"	4"	1/4"		20 lbs.
CRANK	3-1/2"	4-3/4"	12-1/2"	6-3/4"	1/2"	4-1/4"	1/4"		21 lbs.
CLEAR	3-1/2"	4-7/8"	14"	7-3/8"	1/2"	4-1/4"	5/16"	**DMI #427585**	34 lbs.
CIVIL	3-3/4"	5-1/4"	15"	7-3/4"	1/2"	4-5/8"	5/16"		39 lbs.
DRAFT	4"	5-1/2"	16"	8"	1/2"	4-7/8"	5/16"		43 lbs.
DREAD	4-1/4"	5-3/4"	17"	8-1/4"	1/2"	5-1/8"	5/16"		47 lbs.
DROLL	4-1/4"	5-3/4"	17"	8-1/4"	1/2"	5"	3/8"	Split on centerline	52 lbs.
DANCE	4-3/8"	6"	22"	8-7/8"	1/2"	5-3/8"	5/16"		64 lbs.
DRINK	4-1/2"	6"	18"	8-7/8"	1/2"	5-3/8"	5/16"		54 lbs.
DROVE	4-3/4"	6-1/4"	19"	9-1/8"	1/2"	5-5/8"	5/16"		58 lbs.
EARTH	5"	6-3/4"	20"	9-5/8"	9/16"	6"	3/8"		75 lbs.
EASEL	5-1/4"	6-7/8"	21"	9-7/8"	9/16"	6-1/8"	3/8"		77 lbs.
ERASE	5-1/2"	7-1/4"	22"	10-1/4"	9/16"	6-1/2"	3/8"		89 lbs.
EVENT	5-3/4"	7-1/4"	23"	10-1/4"	9/16"	6-1/2"	3/8"		91 lbs.
FABLE	6"	7-3/4"	15"	12-1/4"	9/16"	7"	3/8"		75 lbs.
FAULT	6"	7-3/4"	24"	11"	9/16"	7"	3/8"		98 lbs.
FAITH	6"	8-1/2"	20"	11-5/8"	5/8"	7"	3/4"	Split 1/16" above & below centerline	147 lbs.
FARCE	6"	8-1/2"	24"	11-5/8"	5/8"	7"	3/4"	Split 1/16" above & below centerline	179 lbs.
FLAKE	6"	8-3/4"	20"	11-5/8"	5/8"	7"	7/8"	Split 1/16" above & below centerline Male pilot 8" x 1/4"	175 lbs.
FERRY	6"	8-3/4"	24"	11-5/8"	5/8"	7"	7/8"	Split 1/16" above & below centerline	–
FENCE	6-1/4"	8"	22-1/2"	10-5/8"	9/16"	7-1/4"	3/8"		99 lbs.
FLARE	6-1/2"	8-3/8"	23-1/2"	11"	9/16"	7-1/2"	7/16"		129 lbs.
FLEET	6-1/2"	8-3/8"	30"	11"	5/8"	7-1/2"	7/16"		141 lbs.
FLUTE	6-5/8"	8-1/2"	15"	13-1/2"	5/8"	7-5/8"	7/16"		100 lbs.
FLOOR	6-5/8"	8-1/2"	24"	11-1/4"	9/16"	7-5/8"	7/16"		133 lbs.
FETCH	6-5/8"	8-5/8"	15"	13-1/2"	5/8"	7-5/8"	1/2"	Male pilot 8-5/8" x 3/8"	104 lbs.
FRANK	6-5/8"	8-5/8"	24"	11-1/4"	9/16"	7-7/8"	3/8"		130 lbs.
FROZE	6-3/4"	8-3/4"	24"	11-1/4"	5/8"	7-7/8"	7/16"		131 lbs.
FORCE	6-3/4"	8-3/4"	24"	11-1/4"	9/16"	7-7/8"	7/16"	Split 1/16" above & below centerline	127 lbs.
FANCY	6-3/4"	8-3/4"	24-1/2"	11-3/8"	9/16"	7-7/8"	7/16"		135 lbs.
FLANK	6-3/4"	8-7/8"	15"	13-3/4"	5/8"	7-7/8"	1/2"	Split 1/16" above & below centerline Male pilot 9" x 3/8"	
FLASH	6-3/4"	8-7/8"	24-1/2"	11-3/8"	9/16"	7-7/8"	1/2"	Split 1/16" above & below centerline	138 lbs.
FOUND	6-7/8"	8-7/8"	24-1/2"	11-3/8"	9/16"	7-7/8"	1/2"		134 lbs.
GAVEL	7"	9"	25-1/2"	11-5/8"	9/16"	8-1/8"	7/16"		137 lbs.
GLAND	7"	9-1/8"	25-1/2"	11-5/8"	9/16"	8-1/8"	1/2"		143 lbs.
GLASS	7-1/4"	9-1/4"	26-1/2"	11-7/8"	9/16"	8-3/8"	7/16"		148 lbs.
GLORY	7-1/2"	9-5/8"	17-1/2"	14-1/2"	1"	8-3/4"	7/16"		129 lbs.

Johnson Rubber Co. Flanged Bearings, Full Molded Type for Strut or Aft Stern Tube



Call 1-800-347-4464 for Lowest Price

Code	(A) Shaft or Sleeve Size	(B) Outside Diameter	(C) Length	(D) Flange Diameter	(E) Flange Thickness	(F) Metal ID	(G) Metal Thickness	Special Instructions	Shipping Weight
GLOBE	7-1/2"	9-5/8"	27-1/2"	12-3/4"	9/16"	8-3/4"	7/16"		160 lbs.
GIPSY	7-3/4"	9-7/8"	28-1/2"	12-1/2"	9/16"	8-7/8	1/2"		195 lbs.
HARDY	8"	10-1/4"	20"	14-7/8"	5/8"	9-1/4"	1/2"	Male pilot 10-3/8" x 3/8"	145 lbs.
HEART	8"	10-1/4"	29-1/2"	13-1/4"	5/8"	9-1/4"	1/2"		197 lbs.
HEDGE	8"	10-1/2"	29-1/2"	13-1/4"	5/8"	9-1/2"	1/2"		232 lbs.
HITCH	8-1/4"	10-1/2"	30-1/2"	13-1/2"	5/8"	9-1/2"	1/2"		212 lbs.
HOIST	8-1/2"	10-3/4"	31-1/2"	13-3/4"	5/8"	9-3/4"	1/2"		221 lbs.
HOVER	8-3/4"	11"	32-1/2"	14"	5/8"	10"	1/2"		229 lbs.
INFRA	9"	11-1/4"	33-1/2"	14-1/4"	3/4"	10-1/4"	1/2"		246 lbs.
IDEAL	9"	11-1/2"	33-3/8"	15"	3/4"	10-1/4"	5/8"	Split 1/8" above & below centerline	275 lbs.
IDIOT	9"	12"	21-3/8"	17-5/8"	1"	10-1/4"	7/8"	Male pilot 11-1/2" x 3/8"	287 lbs.
INNER	9-1/8"	11-1/2"	34-1/2	16-3/8"	5/8"	10-3/8"	9/16"		284 lbs.
INLET	9-1/4"	11-1/2"	22-1/2"	16"	3/4"	10-1/2"	1/2"	Male pilot 11-1/2" x 3/8"	200 lbs.
IRISH	9-1/8"	11-1/2"	34-1/2"	14-5/8"	11/16"	10-1/2"	1/2"		269 lbs.
INSET	9-1/2"	11-3/4"	35-1/2"	14-7/8"	3/4"	10-3/4"	1/2"		274 lbs.
INSUL	9-1/2"	11-7/8"	20-3/4"	14-3/4"	1"	10-3/4"	9/16"	Split 1/16" above & below centerline	170 lbs.
IVORY	9-3/4"	12-1/8"	36-1/2"	15-1/4"	3/4"	11"	9/16"		295 lbs.
JEWEL	10"	12-3/8"	37-1/2"	15-1/2"	3/4"	11-1/4"	9/16"		332 lbs.
JETTY	10-1/4"	12-5/8"	38-1/2"	15-7/8"	3/4"	11-1/2"	9/16"		353 lbs.
JUMBO	10-1/2"	12-7/8"	39-1/2"	16-1/8"	3/4"	11-3/4"	9/16"		369 lbs.
JOLLY	10-3/4"	13-1/8"	25"	18-1/4"	3/4"	12"	9/16"	Male pilot 13-1/8" x 3/8"	247 lbs.
JUDGE	10-3/4"	13-1/8"	40-1/2"	16-3/8"	3/4"	12"	9/16"		384 lbs.
KETCH	11"	13-1/2"	27-1/2"	18-5/8"	3/4"	12-3/8"	9/16"	Male pilot 13-1/2" x 3/8"	300 lbs.
KNOCK	11"	13-1/2"	41-1/2"	17-1/4"	3/4"	12-3/8"	9/16"		424 lbs.
KRAFT	11-1/4"	13-3/4"	42-1/2"	17-1/2"	3/4"	12-5/8"	9/16"		431 lbs.
KNEEL	11-1/2"	14-1/8"	43-1/2"	17-7/8"	3/4"	12-7/8"	5/8"		490 lbs.
KNIFE	11-1/2"	14-7/8"	50-3/4"	20-1/4"	1-1/4"	12-7/8"	1"		871 lbs.
KNOTS	11-3/4"	14-3/8"	44-1/2"	18-1/8"	3/4"	13-1/8"	5/8"		497 lbs.
LABOR	12"	14-3/4"	45-1/2"	18-1/2"	3/4"	13-1/2"	5/8"		524 lbs.
LOGAN	12-1/8"	14-7/8"	46"	18-5/8"	3/4"	13-5/8"	5/8"		–
LANCE	12-1/4"	15"	46-1/2"	18-3/4"	3/4"	13-3/4"	5/8"		540 lbs.
LEASE	12-3/8"	15-1/8"	47"	18-7/8"	3/4"	13-7/8"	5/8"		–
LAYER	12-1/2"	15-1/4"	47-1/2"	19"	3/4"	14"	5/8"		556 lbs.
LOGIC	12-5/8"	15-3/8"	48"	19-1/8"	3/4"	14-1/8"	5/8"		545 lbs.
MILKY	12-3/4"	15-1/2"	48-1/2"	19-1/4"	3/4"	14-1/4"	5/8"		–
MUSIC	12-7/8"	15-5/8"	49"	19-3/8"	3/4"	14-3/8"	5/8"		–
MINCE	13"	15-7/8"	50"	19-5/8"	7/8"	14-1/2"	11/16"		–
MITTY	13-1/8"	16"	50-1/2"	19-3/4"	7/8"	14-5/8"	11/16"		–
MISTY	13-1/4"	16-1/8"	51"	19-7/8"	7/8"	14-3/4"	11/16"		–
NIFTY	13-3/8"	16-1/4"	51-1/2"	20"	7/8"	14-7/8"	11/16"		716 lbs.
NIECE	13-1/2"	16-3/8"	52"	20-1/8"	7/8"	15"	11/16"		718 lbs.
NOVEL	13-5/8"	16-1/2"	52-1/2"	20-1/4"	7/8"	15-1/8"	11/16"		–
ORTHA	13-3/4"	16-5/8"	53"	20-3/8"	7/8"	15-1/4"	11/16"		–
OGGLE	13-7/8"	16-3/4"	53-1/2"	20-1/2"	7/8"	15-3/8"	11/16"		–
OPERA	14"	16-7/8"	54"	20-5/8"	7/8"	15-1/2"	11/16"		–
PURSE	14-1/8"	17"	54-1/2"	20-3/4"	7/8"	15-5/8"	11/16"		–
POLAR	14-1/4"	17-1/8"	55"	20-7/8"	7/8"	15-3/4"	11/16"		–
POINT	14-3/8"	17-1/4"	55-1/2"	21"	7/8"	15-7/8"	11/16"		842 lbs.
PRUNE	14-1/2	17-1/2"	56"	21-1/4"	7/8"	16"	3/4"		–
PRICE	14-5/8"	17-5/8"	56-1/2"	21-3/8"	7/8"	16-1/8"	3/4"		–
PUNCH	14-3/4"	17-3/4"	57"	21-1/2"	7/8"	16-1/4"	3/4"		–
QUAKE	14-7/8"	17-7/8"	57-1/2"	21-5/8"	7/8"	16-3/8"	3/4"		–
QUIET	15"	18"	58"	21-3/4"	7/8"	16-1/2"	3/4"		–

Buck-Algonquin Split Coupling Propeller Shaft Flange

BUCK ALGONQUIN Marine Hardware

Note: 4" B Series fits Borg-Warner #1017-71C, 5" AC Series fits Borg-Warner #1018-72C, 5-3/4" AB Series fits Borg-Warner #1018-73C and 5-3/4" AB Series fits Twin Disc, Capitol and Allison.



DMI #	MFG #	Shaft Dia.	Flange Dia.	Bolt Holes	Bolt Circle	Bolt Dia.	Pilot	Price
257750	50-400B-1000	1"	4"	4	3-1/4"	3/8"	M	**$102.95 G**
257762	50-400B-1125	1-1/8"	4"	4	3-1/4"	3/8"	M	**$102.95 G**
257774	50-400B-1250	1-1/4"	4"	4	3-1/4"	3/8"	M	**$102.95 G**
257798	50-400B-1500	1-1/2"	4"	4	3-1/4"	3/8"	M	**$102.95 G**
257926	50-500A-1250	1-1/4"	5"	4	4-1/4"	7/16"	M	**$123.95 G**
257938	50-500A-1375	1-3/8"	5"	4	4-1/4"	7/16"	M	**$123.95 G**
257940	50-500A-1500	1-1/2"	5"	4	4-1/4"	7/16"	M	**$123.95 G**
257990	50-500C-1750	1-3/4"	5"	4	4-1/4"	7/16"	M	**$137.95 G**
258005	50-500C-2000	2"	5"	4	4-1/4"	7/16"	M	**$137.95 G**
258043	50-575-1-150	1-1/2"	5-3/4"	6	4-3/4"	1/2"	F	**$195.95 G**
258055	50-575-1-175	1-3/4"	5-3/4"	6	4-3/4"	1/2"	F	**$195.95 G**
258067	50-575-1-200	2"	5-3/4"	6	4-3/4"	1/2"	F	**$195.95 G**
258080	50-575-2-150	1-1/2"	5-3/4"	6	4-3/4"	5/8"	F	**$195.95 G**
258092	50-575-2	1-3/4"	5-3/4"	6	4-3/4"	5/8"	F	**$195.95 G**

Buck-Algonquin Split Hub Propeller Shaft Flange



BUCK ALGONQUIN Marine Hardware

High tensile ductile iron with heat treated clamping bolts and self locking square head alloy set screws for small sizes. Cross riveting pins for larger sizes.

DMI #	MFG #	Shaft Size	Flange Dia.	Bolt Holes	Bolt Circle	Bolt Dia.	Price
257863	50-475A-1150	1-1/2"	4-3/4"	6	3-7/8"	7/16"	**$127.95 G**
257899	50-475B-1175	1-3/4"	4-3/4"	6	3-7/8"	7/16"	**$141.95 G**

Buck-Algonquin Solid Hub Propeller Shaft Flange



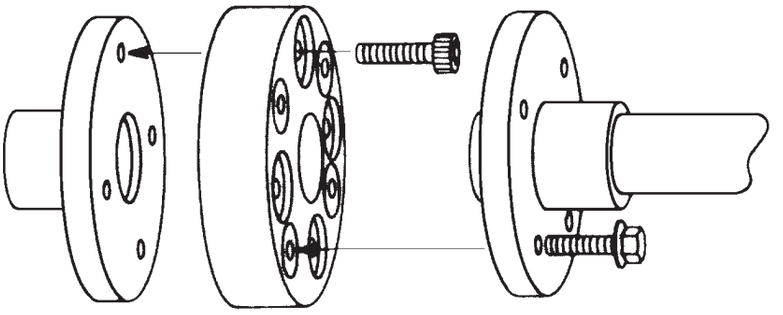
BUCK ALGONQUIN Marine Hardware

DMI #	MFG #	Shaft Size	Flange Dia.	Bolt Holes	Bolt Circle	Bolt Dia.	Price
258219	MC-004-1000	1"	4"	4	3-1/4"	3/8"	**$73.95 G**
258221	MC-004-1125	1-1/8"	4"	4	3-1/4"	3/8"	**$73.95 G**
258233	MC-004-1250	1-1/4"	4"	4	3-1/4"	3/8"	**$73.95 G**
258269	MC-005-1250	1-1/4"	5"	4	4-1/4"	7/16"	**$108.95 G**
258271	MC-005-1375	1-3/8"	5"	4	4-1/4"	7/16"	**$108.95 G**
258283	MC-005-1500	1-1/2"	5"	4	4-1/4"	7/16"	**$108.95 G**

Globe Drivesaver

Absorbs vibrations and shock-reduces noise-prevents electrolysis-acts as a circuit breaker to protect your transmission and engine from extreme shock and torque. Easily installed. The Drivesaver provides a flexible, nonmetallic barrier between your transmission and propeller shaft. Includes bushing kits where necessary.

THE DRIVESAVER



DMI #	MFG #	Flange Dia.	Bolt Circle	Pilot Dia.	Coupling Dia	Price
369024	404A	4"	3-1/4"	2-1/2"	5"	**$287.95 H**
369040	504	5"	4-1/4"	2-1/2"	6"	**$328.95 H**
369036	4756	4-3/4"	3-7/8"	2-1/2"	6"	**$410.95 H**
369030	7256	7-1/4"	6"	3-3/4"	8-3/8"	**$592.95 H**
369042	5756	5-3/4"	4-3/4"	3"	6-13/16"	**$462.95 H**

Big Green Chocking Compound



Big Green Chocking Compound
It is a high strength, pourable epoxy resin grout system that is 100% solids. A highly effective compound designed to use as a chocking or grouting material. The cured material is designed for service in environments that require high compression strength and a wide range of service temperatures. It is ideal in marine and industrial environments that require precise and permanent alignment of equipment. Also resistant to water, oils, salts, most chemicals, fuels and solvents. Packaged in kits, Part A is the resin base and Part B is the curing agent.

Can be used to:

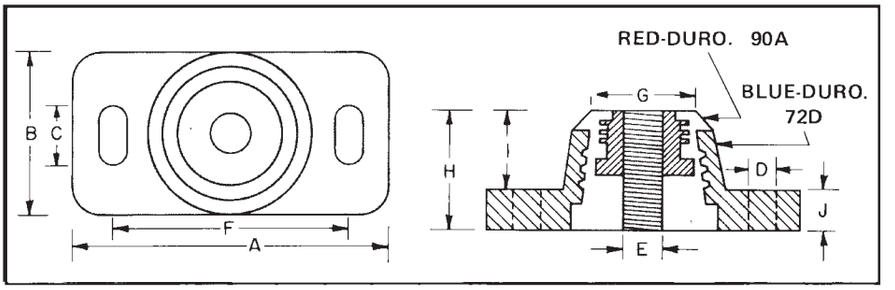
- Set steam, gas engines and turbines
- Pumps, motors and winches
- Storage tanks and towers
- Crane rails

205129 (8121) **$137.95 E**

Globe Babbitt Engine Mounts

GLOBE

Globe Babbitt Engine Mounts are cast moulded from two hardeners of polyurethane. The softer inner core provides vibration, noise and shock dampening, while the stiff outer shell restricts engine movement.



DMI #	MFG #	A	B	C	D	E	F	G	H	I	J	Rated Load in Pounds	Deflection at Average Rated Load	Center Bolt Size & Thread	Center Insert Length	Packaged Weight Pounds	Price
	M-3A*	3-7/16	1-3/4	5/8	3/8	7/16	2-9/16	1-7/32	1-5/16	1-5/16	3/8	100-200	.017	7/16-20	3/4	3/4	–
369045	M-3	3-7/16	1-3/4	5/8	3/8	7/16	2-9/16	1-7/32	1-5/16	1-5/16	3/8	125-250	.017	7/16-20	3/4	3/4	**$52.95 H**
	M-5	4-1/2	2-7/16	5/8	3/8	1/2	3-3/8	1-3/4	1-7/16	1-3/16	7/16	250-500	.030	1/2-20	3/4	1	–
369048	M-6	5-3/8	3	1-1/8	1/2	5/8	4-1/8	2-5/16	1-9/16	1-1/8	1/2	500-1000	.027	5/8-18	7/8	1-1/4	**$81.95 H**
369050	M-7	5-3/8	3	1-1/8	1/2	3/4	4-1/8	2-5/16	1-1/2	1-1/8	1/2	500-1000	.027	3/4-16	1	1-1/2	**$116.95 H**
	M-8	7-1/8	4	1-1/4	5/8	1	5-1/2	2-7/8	2-3/8	1-13/16	9/16	1000-2000	.030	1-8	1-1/2	3	

*M-3A is used for generators and other auxiliary equipment.

Globe Babbitt Alignment Wedges

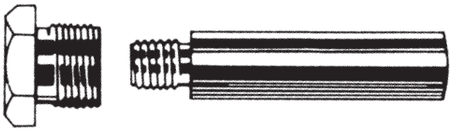


Globe Babbitt Alignment Wedges

Designed specially for use with Babbitt engine mounts. These wedges allow engine alignment to micrometer tolerance. Rated load is 1,500 pounds (250 pounds per square inch area) and therefore may be used in pairs as vibration dampening pads. They are maintenance free and impervious to gas, oil, grease, sludge and saltwater. Dimensions: 33-1/16" x 7-3/4" x 5/16". Sold per pair.

369060 (AW) **$29.95 H**

Engine Zincs/Plugs



Zinc Only

269957 (CME-Z) Zinc Only For E-0 **$1.95 H 300L**
269969 (CME-Z) Zinc Only For E-1 **$1.95 H 150L**
269971 (CME-Z) Zinc Only For E-2 **$2.95 H 100L**
269983 (CME-Z) Zinc Only For E-3 **$3.95 H 75L**
270001 (CME-Z) Zinc Only For E-4 **$4.95 H 55L**
270013 (CME-Z) Zinc Only For E-5 **$7.95 H 50L**

Pencil Anode Retaining Plugs

269907 (E-7C) 1" x 5" Complete Zinc and Plug **$41.95 H**

Engine Anodes with Bronze Plugs

Other sizes up to 1-1/4" IPS x 10" are available.

269832 (E-0) 1/4" Plug (NPT) Dia. 3/8" Length 1-3/4" **$7.95 H 150L**
269844 (E-1) 3/8" Plug (NPT) Dia. 1/2" Length 2" **$8.95 H 90L**
269959 (E-1D) 3/8" Plug (NPT) Dia. 1/2" Length 1-3/4" **$8.95 H 5L**
269960 (E-1E) 3/8" Plug (NPT) Dia. 1/2" Length 1-1/2" **$7.95 H 5L**
269961 (E-1F) 3/8" Plug (NPT) Dia. 1/2" Length 1-1/4" **$7.95 H 5L**
269856 (E-2) 1/2" Plug (NPT) Dia. 5/8" Length 2" **$9.95 H 50L**
269868 (E-3) 3/4" Plug (NPT) Dia. 3/4" Length 2" **$14.95 H 35L**
269882 (E-4) 3/4" Plug (NPT) Dia. 3/4" Length 3-3/8" **$15.95 H 30L**
269831 (CME-00) 1/8" x 2" Pencil Zinc Complete **$8.95 H 300L**
269956 (CMEZ00) 1/4" Pencil Zinc Only **$2.95 H 500L**
269894 (CME-S) 3/4" Zinc and Plug **$18.95 H 25L**
270018 3/4" Zinc Only For Detroit Diesel **$3.95 H**
270019 3/4" Zinc Complete For Detroit Diesel **$20.95 H**

Anodes



Camp Company Donut Shaft Anodes

Supplied with stainless steel screws and lock washers. Sizes up to 6-1/2" are available.

338308 (C-1)	3/4"	**$9.95 H 5L**
338310 (C-2)	7/8"	**$9.95 H 5L**
338322 (C-3)	1"	**$13.95 H 10L**
368334 (C-4)	1-1/8"	**$13.95 H 5L**
338346 (C-5)	1-1/4"	**$13.95 H 10L**
338358 (C-6)	1-3/8"	**$16.95 H 6L**
338360 (C-7)	1-1/2"	**$16.95 H 6L**
338363 (C-8)	1-3/4"	**$28.95 H 5L**
269351 (C-9)	2"	**$26.95 H 5L**
269363 (C-10)	2-1/4"	**$33.95 H 8L**
269375 (C-11)	2-1/2"	**$46.95 H 5L**
269399 (C-13)	3"	**$46.95 H 5L**
269426 (C-14)	3-1/2"	**$57.95 H 4L**
269438 (C-15)	4"	**$56.95 H 4L**



Camp Company Rudder Anodes

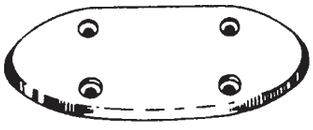
Supplied with stainless steel screws and lock washers.

269135 (R1) 1-7/8"	**$3.95 H**
338461 (R2) 2-13/16"	**$9.95 H 25L**
338473 (R3) 3-3/4"	**$14.95 H 20L**
338485 (R4) 5"	**$25.95 H 8L**
338497 (R5) 5-1/8"	**$38.95 H 6L**
338500 (R7) 6-1/2"	**$58.95 H 2L**



Camp Company Shaft Anodes

338548 (X0)	1/2"		**$13.95 H**
338550 (X1)	3/4"		**$8.95 H 24L**
338562 (X2)	7/8"		**$8.95 E 24L**
338574 (X3)	1"		**$9.95 H 24L**
338575 (X3A)	1"	Heavy Duty	**$16.95 H 24L**
338586 (X4)	1-1/8"		**$10.95 H 24L**
338598 (X5)	1-1/4"		**$10.95 H 24L**
338599 (X5A)	1-1/4"	Heavy Duty	**$18.95 H 12L**
338613 (X6)	1-3/8"		**$14.95 H 12L**
338625 (X7)	1-1/2"		**$14.95 H 12L**
338637 (X8)	1-3/4"		**$22.95 H 8L**
338649 (X9)	2"		**$23.95 H 8L**
338651 (X10)	2-1/4"		**$50.95 H 4L**
338663 (X11)	2-1/2"		**$48.95 H 4L**
269313 (X12)	2-3/4"		**$68.95 H 4L**
338687 (X13)	3"		**$58.95 H 4L**
338699 (X15)	3-1/2"		**$76.95 H 2L**
338702 (X17)	4"		**$92.95 H 2L**



338283



269046

Zinc Plates

338271 (A-24) Dim.: 4-3/4" L x 2" W x 3/4" T	**$9.95 H 25L**
338283 (A-25) Dim.: 9-1/4" L x 3-3/8" W x 3/4" T	**$40.95 H 10L**
269046 (A-30) Dim.: 6-1/4" L x 2-3/4" W x 5/8" T	**$17.95 H 25L**
269047 (A-40) Dim.: 7-1/2" L x 2-3/4" W x 1/2" T	**$19.95 H 10L**



Zinc Plate - Pacemaker Style 1 [1 Hole]

338295 (A-90) Dim.: 9-1/4" L x 3-3/8" W x 53/64" T	**$40.95 H 5L**

Anodes



338247



338233



338245

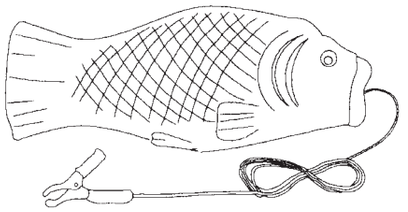
Zinc Plates for Hull

338233 (ZP-2)	Dim.: 12" L x 6" W x 1/2" T	**$94.95 H**
338245 (ZHC-3)	Dim.: 6-1/4" L x 2-3/4" W x 3/4" T	**$30.95 H 10L**
338247 (ZHC-5)	Dim.: 8" L x 4" W x 3/4" T	**$49.95 H 5L**
338249 (ZHC-11)	Dim.: 12" L x 3" W x 1-1/2" T	**$123.95 H 2L**
338251 (ZHC-15)	Dim.: 15" L x 3" W x 1-1/2" T	**$172.95 H 2L**
338254 (ZHC-17)	Dim.: 12" L x 6" W x 1" T	**$303.95 H 2L**



Camp Zinc Plate for Hull

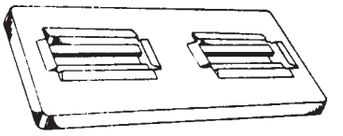
338270 (N-1) Dim.: 8-5/8" L x 3-3/16" W x 1/2" T **$43.95 H**



Camp Company Grouper Anode

Comes with 10 ft. of galvanized wire rope and connector with instruction sheet. Weight: 6 lbs.

269330 (GP-1) **$120.95 H**



Camp Divers Plate

338257 (DP-1) Dim.: 11-1/2" L x 5-1/4" W x 5/8" T **$109.95 H 4L**



Camp Tapered Hull Anode

338269 (B-12) Dim.: 9" L x 4-1/2" W x 1-1/8" T **$106.95 H**

Camp Zinc Bolt On

338268 (B-24) Dim.: 14" L x 6-1/4" W x 1-1/4" T **$237.95 H**



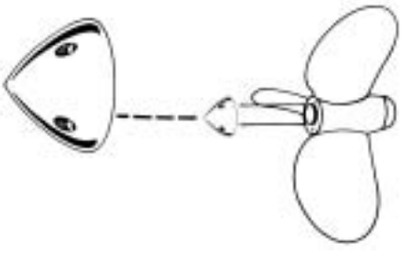
Camp Sea Strainer Zinc

338510 (SZ-1) Dimensions: 3-7/8" L x 1-1/2" W **$6.95 H**



Canada Metal Company Tear Drop Zincs

269755 (T-20)	Length 3-1/2"	**$7.95 H 150L**
269779 (T-21)	Length 5-1/4"	**$11.95 H 50L**



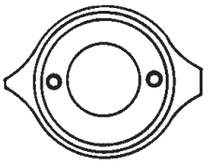
Zinc for Maxi-Prop Propellers

338097 (63M) Shaft Size: 3/4", 7/8", 1", 1-1/8" **$7.95 H**

Anodes for Volvo Sterndrive

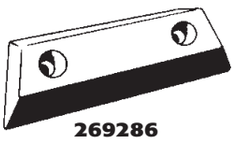
Meets all MIL-A-18001-H specifications. Used as sacrificial anodes to protect propellers, struts, bearings, etc. from underwater electrolysis.

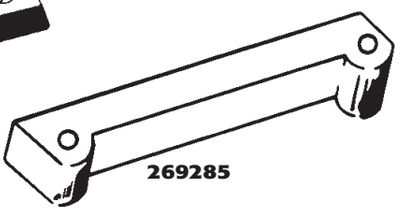

269194


269195

Outdrive Ring

269194 (V-17)	250-275	4-1/2" OD		**$11.95 H 40L**
269195 (V-18)	270T-280	4-3/4" OD		**$21.95 H 12L**


269286


269285

Outdrive Bar

269285 (832598)	250-270	Length 7-1/8"		**$23.95 H 25L**
269286 (852835)	290B			**$27.95 H 25L**



Duo Prop Zinc for Volvo

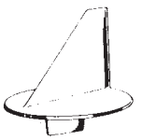
269292 (875821) **$26.95 H 12L**



Volve Outdrive

338128 (3855411-2) **$31.95 H**

Anodes for Suzuki Outboard



Suzuki Zinc

338156 (55125-87D00) 150-200 HP **$11.95 H 5L**

Anodes for Yamaha Outboard

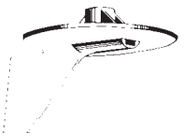
Meets all MIL-A-18001-H specifications. Used as sacrificial anodes to protect propellers, struts, bearings, etc. from underwater electrolysis.



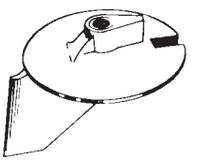
338120 (688-45371-02) 70 HP **$14.95 H 20L**



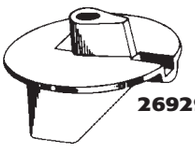
338106 (6G5-45251) 115-200 HP **$24.95 H 10L**

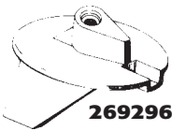


338118 (6J9-45371) 150-200 HP **$18.95 H 10L**



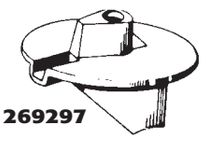
338093 (61A-45371) 225-250 HP **$13.95 H 5L**


269295


269296

269295 (6E5-45371-01)	90-200 HP	Base OD 3-5/8"		**$33.95 H 20L**
269296 (688-45371)	90-200 HP			**$37.95 H 5L**


269298


269297

269297 (6K1-45371-00)	Counter Rotation Only			**$37.95 H 5L**
269298 (6K1-45371-02)	Counter Rotation Only			**$37.95 H 5L**

Anodes for Johnson/Evinrude Outboard and OMC Sterndrive

Meets all MIL-A-18001-H specifications. Used as sacrificial anodes to protect propellers, struts, bearings, etc. from underwater electrolysis.



OMC Transom Bar
269034 (367) Length 7-5/8" Hole Centers 6-15/16" **$14.95 H 25L**



Johnson/Evinrude Medium Outboard
269040 (392123) Dimensions: 3" x 4-5/8" **$24.95 H 30L**



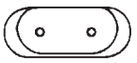
OMC Outdrive
338124 (3854130) **$29.95 H**



OMC Outdrive - Cobra
269037 (984513) **$24.99 H**



OMC Outdrive - Cobra
269038 (984547) **$39.95 H**



OMC Outdrive Zinc
269033 (C173) **$8.95 H**

OMC Small Outboard Threaded
269035 (123009) Dimensions: 2-3/8" x 7/8" **$9.95 H 200L**



OMC Cobra Sterndrive
269039 (983494) Hole Centers 4-1/2" **$40.95 H 9L**



Johnson/Evinrude Outboard Cube
269043 (C393023) Dimensions: 1" x 1-3/8" **$11.95 H 100L**
269044 (433580) **$19.95 H**
338144 (398331) 275 HP **$16.95 H**



OMC Outdrive - Low Profile
338128 (3855411-2) **$31.95 H**

MerCruiser Aluminum Anode Kits

Anodes feature patent pending "Wear Indicator" which tell the boater when it's time to change.
Aluminum/Indium alloy is more active so it gives better protection.
Aluminum anodes are essential for Mercury sterndrives. Zinc will not provide the correct protection.
Aluminum anodes are recommended for both salt and freshwater on Mercury sterndrives.
Aluminum anodes last up to 50% longer than zinc anodes.
Aluminum anodes "self-clean" in freshwater. Zinc anodes form a coating that stops them from working within a few months
Aluminum anodes are environmentally friendly.
Aluminum anodes come with the required hardware for mounting.
Attractively packaged with clear information to aid with selection and installation - reducing the need for trained store staff.



Marpac Alpha One Generation I Kit
7-2850 (10108A-D) **$55.95 F 3Q**



Marpac Alpha One Generation II Kit
7-2852 (10059A-D) **$72.95 F 3Q**



Marpac Bravo I Kit
7-2854 (10060A-D) **$60.95 F 3Q**



Marpac Bravo II and III Kit (Up to 2003)
7-2856 (10061A-D) **$50.95 F 3Q**



Marpac Bravo II Kit (2004 and Up)
7-2860 (10165A-D) **$69.95 F 3Q**



Marpac Aluminum Trim Tab Anode
7-2865 (00044A-D) OEM #31640T-4 **$16.95 F 3Q**

Anodes for Mercury Outboard and MerCruiser Sterndrive

Meets all MIL-A-18001-H specifications. Used as sacrificial anodes to protect propellers, struts, bearings, etc. from underwater electrolysis.


269003


269001


268990

MerCruiser Outdrive Anodes - Bravo

268990 (806188) **$12.95 H**
269001 (806190) **$5.95 H 26L**
269003 (817373) **$14.95 H 5L**

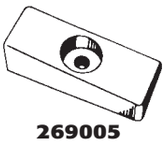

268983


269002


269000

MerCruiser Outdrive Anodes - Alpha

268983 (806105) **$13.95 H**
269000 (806189) **$2.95 H**
269002 (815933) **$14.95 H 10L**


269005


269004

Mariner Outboard Anodes

269004 (818298) **$11.95 H**
269005 (826134) 60-225 HP **$6.95 H**


269006


269007

MerCruiser Anodes - Bravo

269006 (821630) **$23.95 H**
269007 (821631) **$24.95 H 5L**



Mercury Outdrive Zinc

268979 (34762) **$4.95 H 10L**



Mercury Plate

269026 (A76214) Base OD 3-1/2" **$10.95 H 40L**


269027


269010


269022

Short Mercury Tab

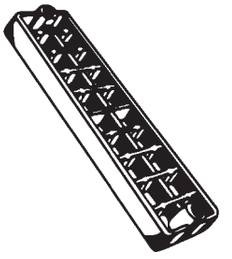
269010 (31640) Base OD 3-1/2" **$12.95 H 20L**

Long Mercury Tab

269022 (34127) Base OD 3-1/2" **$14.95 H 15L**

Racing Mercury Tab

269027 (46399) Base OD 3-1/2" **$13.95 H 25L**



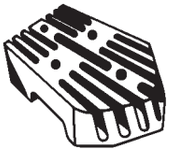
Mercury Waffle Plate – 75-115 HP

269028 (43396) Dimensions: 7-5/8" x 2" **$22.95 H 20L**



MerCruiser Nut

269084 (55989) 1-1/4" OD Length 1-1/8" **$3.95 H 200L**



MerCruiser Outdrive Anode - Alpha 1

269030 (43994A) Dimensions: 3-3/4" x 3" **$26.95 H 20L**

Large Commercial Zinc Anodes Meet All Military Specifications



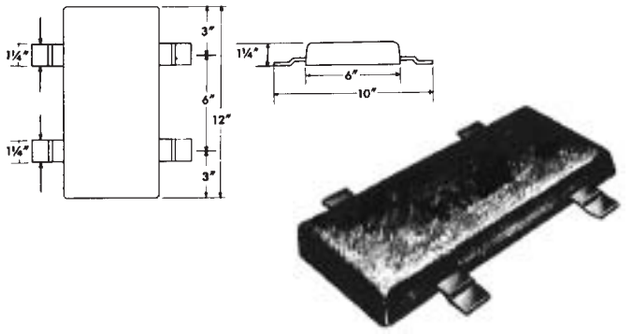
Zinc Tear Drop Anode
With galvanized steel mounting strap (ZTS). Dimensions: 1-1/4" x 3" x 9". 6 lbs.

323600 (TRC-TD6) **$29.95 B**



Zinc Plate Anode
With galvanized steel mounting strap (ZSS). Dimensions: 1-1/4" x 3" x 12". 12 lbs.

323838 (TRC-12/M12) **$58.95 B**



Zinc Plate Anodes
With two galvanized steel mounting straps (ZHS). Dimensions: 1-1/4" x 6" x 12". 23.5 lbs.

323840 (TRC-23/M24) **$105.95 B**
323876 (ZSC-12 3X12X1-1/4) With 2 Bolt Holes, No Strap **$49.95 B**

Commerical Prop Nut Anode - #8
269096 (CMPN08Z) **$167.95 B**

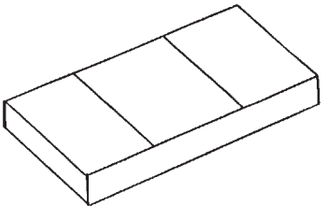
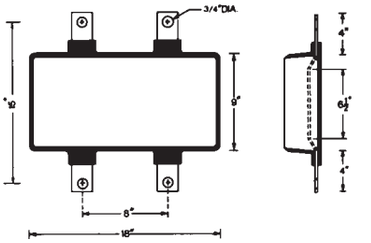


Plate Anode
Dimensions: 1/2" x 6" x 12". Three sections.

323751 (TRC-10) **$49.95 B**



PVC Coated Magnesium Anode
With two cast-in galvanized steel mounting straps. Dimensions: 2" x 9" x 18". 24 lbs.

323903 (TRC-24-W) **$231.95 B**



PVC Coated Magnesium Launch Anodes
With cast-in galvanized steel mounting straps.

323852	3" x 9"	2.5 lbs.	**$32.95 B**
323864	5" x 10"	5 lbs.	**$60.95 B**

Keel Cooler Anodes
For size 1/2", 3/4", 1" Single Stem and 1-1/4" and 1-1/2" Double Stem 4 tube 1 – 1-1/8" fluted.

338165 (Z-1) **$9.95 H**

For size 1-1/4" and 1-1/2", 1" Single Stem and 2-1/2" Double Stem 4 tube 1-1/2 turbo tube.

338167 (Z-2) **$11.95 H**

For size 2", 2-1/2", 3", 4" Single Stem and 3" and 4" Double Stem.

338169 (Z-3) **$25.95 H**

Fasteners

DMI #	Diameter	Grip	Price
242773	3/16"	1"	**$3.29 F**
242797	3/16"	2"	**$3.49 F**
242824	1/4"	1"	**$3.89 F**
242836	1/4"	1-1/2"	**$4.29 F**
242848	1/4"	2"	**$4.69 F**
242862	5/16"	1"	**$4.29 F**
242874	5/16"	1-1/2"	**$4.69 F**
242886	5/16"	2"	**$4.99 F**
242901	3/8"	2"	**$6.29 F**



Detent Type "D"
One-hand release – just a quick pull. Spring-loaded balls are stacked in, exerting sufficient pressure to eliminate accidental release.

Marpac Fasteners (Display Package)

Sold in Boxes of 5 Cards Only! Priced by the Card



Marpac Phillips Pan Sheet Metal Screws
Stainless steel.

		Pieces Per Card	
7-5200	4 x 1/2	6	**$1.89 L**
7-5205	6 x 1/2	8	**$2.19 L**
7-5210	6 x 3/4	8	**$1.89 L**
7-5215	8 x 1/2	7	**$2.19 L**
7-5220	8 x 3/4	7	**$1.89 L**
7-5225	8 x 1	6	**$1.89 L**
7-5230	8 x 1-1/2	5	**$2.19 L**
7-5235	10 x 1/2	6	**$2.19 L**
7-5240	10 x 3/4	6	**$2.19 L**
7-5245	10 x 1	5	**$2.19 L**
7-5250	10 x 1-1/2	4	**$2.19 L**
7-5255	12 x 1	4	**$3.09 L**
7-5260	12 x 1-1/2	3	**$3.09 L**
7-5261	12 x 2	3	**$3.09 L**
7-5265	14 x 1	3	**$2.19 L**



Marpac Phillips Oval Sheet Metal Screws
Stainless steel.

		Pieces Per Card	
7-5270	1/2 x 6	8	**$2.19 L**
7-5275	3/4 x 6	8	**$1.89 L**
7-5280	1 x 6	7	**$1.89 L**
7-5284	1/2 x 8	4	**$1.89 L**
7-5285	3/4 x 8	7	**$1.89 L**
7-5290	1 x 8	6	**$1.89 L**
7-5295	1-1/4 x 8	6	**$1.89 L**
7-5300	1-1/2 x 8	5	**$2.19 L**
7-5305	3/4 x 10	6	**$2.19 L**
7-5310	1 x 10	5	**$2.19 L**
7-5315	1-1/4 x 10	5	**$2.19 L**
7-5320	1-1/2 x 10	4	**$2.19 L**
7-5325	2 x 10	4	**$2.19 L**
7-5330	1 x 12	4	**$2.69 L**
7-5335	1-1/2 x 12	3	**$2.69 L**
7-5340	2 x 12	3	**$2.69 L**
7-5345	1-1/2 x 14	3	**$2.69 L**
7-5350	2 x 14	2	**$2.69 L**
7-5355	2-1/2 x 14	2	**$2.69 L**



Marpac Phillips Oval Machine Screws with Nut
Stainless steel.

		Pieces Per Card	
7-5360	6-32 x 1	6	**$2.19 L**
7-5365	8-32 x 1	5	**$2.19 L**
7-5370	8-32 x 1-1/2	4	**$2.19 L**
7-5375	10-24 x 1	4	**$2.69 L**
7-5380	10-24 x 1-1/2	4	**$2.49 L**
7-5385	10-24 x 2	3	**$2.69 L**
7-5387	10-24 x 3	2	**$3.29 L**
7-5390	1/4-20 x 1	5	**$2.69 L**
7-5395	1/4-20 x 1-1/2	2	**$2.69 L**
7-5400	1/4-20 x 2	2	**$2.69 L**
7-5405	1/4-20 x 3	2	**$2.69 L**
7-5407	1/4-20 x 4	2	**$5.79 L**



Marpac Hex Head Cap Screws
Stainless steel.

		Pieces Per Card	
7-5770	1/4-20 x 1	3	**$3.99 L**
7-5575	1/4-20 x 1-1/2	2	**$3.99 L**
7-5580	1/4-20 x 2	2	**$3.99 L**
7-5585	1/4-20 x 2-1/2	2	**$3.09 L**
7-5590	1/4-20 x 3	2	**$3.09 L**



Marpac Phillips Pan Machine Screws with Nut
Stainless steel.

		Pieces Per Card	
7-5410	8-32 x 1	6	**$1.89 L**
7-5415	8-32 x 1-1/2	5	**$2.19 L**
7-5420	10-24 x 1	5	**$2.69 L**
7-5425	10-24 x 1-1/2	4	**$2.49 L**
7-5430	10-24 x 2	4	**$2.69 L**
7-5435	1/4-20 x 1-1/2	3	**$3.09 L**
7-5440	1/4-20 x 2	3	**$3.09 L**
7-5445	1/4-20 x 3	2	**$3.09 L**
7-5447	1/4-20 x 4	2	**$5.99 L**

Marpac Fasteners (Display Package)

Sold in Boxes of 5 Cards Only! Priced by the Card



Marpac Well Nuts
Stainless steel.

		Pieces Per Card	
7-5560	1/4-20 x 5/8"	3	**$3.29 L**
7-5565	1/4-20 x 1"	2	**$3.29 L**
7-5566	10-24 x 3/4"	3	**$5.49 L**



Marpac Flat Washers
Stainless steel.

		Pieces Per Card	
7-5450	#6	50	**$1.89 L**
7-5455	#8	50	**$1.89 L**
7-5460	#10	25	**$1.89 L**
7-5465	1/4"	15	**$1.89 L**



Marpac Wing Nuts
Stainless steel.

		Pieces Per Card	
7-5545	8-32	4	**$3.09 L**
7-5550	10-24	4	**$3.09 L**
7-5555	1/4-20	3	**$3.09 L**



Marpac Nylon Lock Nuts
Stainless steel.

		Pieces Per Card	
7-5530	8-32	4	**$2.49 L**
7-5535	10-24	4	**$2.49 L**
7-5540	1/4-20	3	**$2.49 L**



Marpac License Plate Nuts and Bolts
Stainless steel. 1/4-20 x 5/8".

	Pieces Per Card	
7-5595	4	**$2.19 L**



Marpac Finishing Washers
Stainless steel.

		Pieces Per Card	
7-5490	#6	20	**$1.89 L**
7-5495	#8	18	**$1.89 L**
7-5500	#10	15	**$1.89 L**
7-5505	1/4"	7	**$2.19 L**



Marpac Lock Washers
Stainless steel.

		Pieces Per Card	
7-5470	#6	40	**$1.89 L**
7-5475	#8	40	**$1.89 L**
7-5480	#10	25	**$1.89 L**
7-5485	1/4"	15	**$1.89 L**



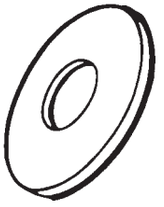
Marpac Finished Hex Nuts
Stainless steel.

		Pieces Per Card	
7-5510	6-32	18	**$1.89 L**
7-5515	8-32	15	**$2.19 L**
7-5520	10-24	12	**$2.49 L**
7-5525	1/4-20	10	**$2.69 L**

Bulk Pack Stainless Steel Fasteners

Flat Washers

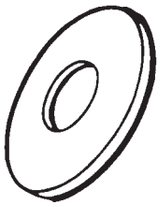
Sold in packs of 100 unless otherwise noted.



730805	#6	**$4.95 H**
730817	#8	**$5.95 H**
730829	#10	**$5.95 H**
730831	1/4"	**$6.95 H**
730843	5/16"	**$9.95 H**
730855	3/8"	**$13.95 H**
730868	1/2" (50 Per Pack)	**$18.95 H**
730878	5/8" (50 Per Pack)	**$35.95 H**

Fender Washers

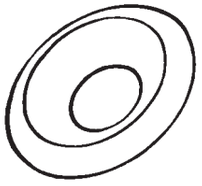
Sold in packs of 100.



730906	3/16" x 1" OD	**$25.95 H**
730918	1/4" x 1" OD	**$20.95 H**
730920	1/4" x 1-1/4" OD	**$33.95 H**
730932	5/16" x 1-1/2" OD	**$48.95 H**
730944	1/2" x 2" OD	**$40.95 H**

Finishing Washers

Sold in packs of 100.



731023	#6	**$7.95 H**
731035	#8	**$7.95 H**
731047	#10	**$9.95 H**
731048	#12	**$15.95 H**
731058	1/4"	**$17.95 H**

Cap Nut - 100 Per Pack

730540 1/4"-20 — **$115.95 H**

Sold in Boxes of 5 Bags Only! Priced by the Card

Marpac Stainless Steel Cotter Pins

7-5005	1/16 x 1/2	24 Pieces Per Package	**$2.69 L**
7-5010	1/16 x 3/4	18 Pieces Per Package	**$2.69 L**
7-5015	1/16 x 1	18 Pieces Per Package	**$2.69 L**
7-5020	1/16 x 1-1/2	10 Pieces Per Package	**$2.69 L**
7-5025	1/16 x 2	6 Pieces Per Package	**$2.69 L**
7-5030	3/32 x 5/8	10 Pieces Per Package	**$2.69 L**
7-5035	3/32 x 3/4	10 Pieces Per Package	**$2.69 L**
7-5040	3/32 x 1	8 Pieces Per Package	**$2.69 L**
7-5045	3/32 x 1-1/2	6 Pieces Per Package	**$2.69 L**
7-5050	3/32 x 2	3 Pieces Per Package	**$2.69 L**
7-5055	1/8 x 3/4	7 Pieces Per Package	**$2.69 L**
7-5060	1/8 x 1	6 Pieces Per Package	**$2.69 L**
7-5065	1/8 x 1-1/4	4 Pieces Per Package	**$2.69 L**
7-5070	1/8 x 1-1/2	4 Pieces Per Package	**$2.69 L**
7-5075	1/8 x 1-3/4	4 Pieces Per Package	**$2.69 L**
7-5080	1/8 x 2	3 Pieces Per Package	**$2.69 L**
7-5085	1/8 x 2-1/2	3 Pieces Per Package	**$2.69 L**
7-5090	5/32 x 1-1/2	3 Pieces Per Package	**$2.69 L**
7-5095	5/32 x 2	3 Pieces Per Package	**$2.69 L**
7-5100	5/32 x 2-1/2	2 Pieces Per Package	**$2.69 L**

Stainless steel. Assorted sizes. 8 per display pack.
7-5000 — **$4.39 L**

Lock Washers

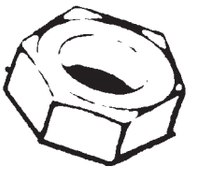
Sold in packs of 100.



730956	#6	**$4.95 H**
730968	#8	**$4.95 H**
730970	#10	**$5.95 H**
730982	1/4"	**$9.95 H**
730994	5/16"	**$12.95 H**
731009	3/8"	**$21.95 H**
731011	1/2"	**$22.95 H**

Standard Hex Nuts

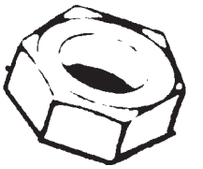
Sold in packs of 100 unless otherwise noted.



730300	6-32	**$8.95 H**
730312	8-32	**$9.95 H**
730324	10-24	**$8.95 H**
730336	1/4"-20	**$16.95 H**
730348	5/16"-18	**$24.95 H**
730350	3/8"-16	**$35.95 H**
730363	1/2"-13 (50 Per Pack)	**$40.95 H**

Heavy Hex Nuts

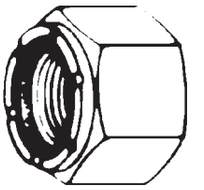
American (Coarse) Thread. Used as propeller shaft nuts. Sizes by cut thread ID not shaft size. **Sold each.**



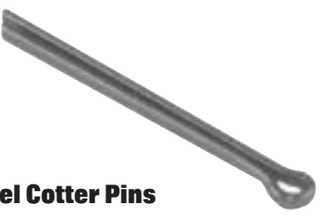
730704	5/8"-11	**$2.95 H**
730716	3/4"-10	**$4.95 H**
730728	7/8"-9	**$10.95 H**
730730	1"-8	**$21.95 H**
730742	1-1/8"-7	**$19.95 H**
730754	1-1/4"-7	**$26.95 H**

Nylon Lock Nuts

Sold in packs of 100 unless otherwise noted.



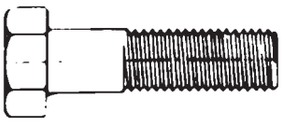
730401	6-32	**$11.95 H**
730413	8-32	**$16.95 H**
730425	10-24	**$15.95 H**
730437	1/4"-20	**$24.95 H**
730449	5/16"-18	**$32.95 H**
730451	3/8"-16	**$49.95 H**
730464	1/2"-13 (50 Per Pack)	**$62.95 H**



Stainless Steel Cotter Pins

731302	1/8" x 1"	100 Per Box	**$24.95 H**
731314	1/8" x 1-1/2"	100 Per Box	**$32.95 H**
731316	1/8" x 2"	100 Per Box	**$38.95 H**
731338	5/32" x 1-1/2"	100 Per Box	**$57.95 H**
731364	3/16" x 2"	100 Per Box	**$96.95 H**
731403	1/4" x 3"	Sold Each	**$2.95 H**

Stainless Steel Fasteners - Sold in Bulk as Indicated



Hex Head Bolts
Sold in boxes of 100, 50 or 25 as indicated.

730007	1/4"-20 x 1"	100	**$41.95 H**
730019	1/4"-20 x 1-1/2"	100	**$54.95 H**
730021	1/4"-20 x 2"	100	**$69.95 H**
730033	1/4"-20 x 2-1/2"	100	**$84.95 H**
730044	1/4"-20 x 3"	100	**$111.95 H**
730046	1/4"-20 x 4"	100	**$45.95 H**
730057	5/16" x 1"	50	**$33.95 H**
730071	5/16" x 1-1/2"	50	**$42.95 H**
730083	5/16" x 2"	50	**$56.95 H**
730095	5/16" x 2-1/2"	50	**$66.95 H**
730108	5/16" x 3"	50	**$81.95 H**
730110	3/8" x 1"	50	**$44.95 H**
730122	3/8" x 1-1/2"	50	**$60.95 H**
730134	3/8" x 2"	50	**$80.95 H**
730137	3/8" x 2-1/2"	50	**$99.95 H**
730146	3/8" x 3"	50	**$116.95 H**
730148	3/8" x 3-1/2"	50	**$135.95 H**
730158	3/8"-16 x 4"	50	**$153.95 H**
730161	1/2" x 1"	25	**$47.95 H**
730173	1/2" x 1-1/2"	25	**$58.95 H**
730185	1/2" x 2"	25	**$74.95 H**
730197	1/2" x 2-1/2"	25	**$87.95 H**
730209	1/2" x 3"	25	**$106.95 H**
730211	1/2" x 3-1/2"	25	**$127.95 H**
730223	1/2" x 4"	25	**$132.95 H**
730247	1/2" x 6"	25	**$212.95 H**

Phillips Head Machine Screws
Sold in boxes of 100 only.

Pan	Oval	Flat		
729523	**728521**	**729028**	6-32 x 3/4"	**$11.95 H**
729535	**728533**	**729030**	6-32 x 1"	**$13.95 H**
729559	**728557**	**729053**	6-32 x 1-1/2"	**$19.95 H**
729561	**728560**	**729078**	8-32 x 1/2"	**$13.95 H**
729563	**728585**	**729080**	8-32 x 3/4"	**$16.95 H**
729597	**728595**	**729092**	8-32 x 1"	**$19.95 H**
729612	**728610**	**729117**	8-32 x 1-1/2"	**$25.95 H**
729615	**728622**	**729129**	8-32 x 2"	**$37.95 H**
729650	**728646**	**729155**	10-24 x 3/4"	**$20.95 H**
729662	**728658**	**729167**	10-24 x 1"	**$23.95 H**
729686	**728672**	**729181**	10-24 x 1-1/2"	**$36.95 H**
729698	**728684**	**729193**	10-24 x 2"	**$38.95 H**
729725	**728711**	**729220**	1/4-20 x 3/4"	**$39.95 H**
729737	**728723**	**729232**	1/4-20 x 1"	**$40.95 H**
729749	**728735**	**729244**	1/4-20 x 1-1/2"	**$60.95 H**
729751	**728747**	**729256**	1/4-20 x 2"	**$76.95 H**
729775	**728761**	**729270**	1/4-20 x 3"	**$106.95 H**





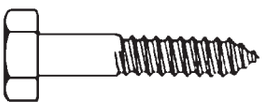


Phillips Head Self-Tapping Screws
Sold in boxes of 100 only.

Pan	Oval	Flat		
727012	**727517**	**728014**	#4 x 1/2"	**$7.95 H**
727025	**727529**	**728019**	#4 x 3/4"	**$9.95 H**
727030	**727530**	**728024**	#4 x 1"	**$10.95 H**
727033			#6 x 3/8"	**$8.95 H**
727036	**727531**	**728038**	#6 x 1/2"	**$8.95 H**
727040	**727539**	**728045**	#6 x 5/8"	**$9.95 H**
727050	**727555**	**728053**	#6 x 3/4"	**$9.95 H**
727062	**727567**	**728064**	#6 x 1"	**$11.95 H**
728068	**727580**	**728070**	#6 x 1-1/4"	**$14.95 H**
	727590	**728075**	#6 x 1-1/2"	**$16.95 H**
727101	**727606**	**728103**	#8 x 1/2"	**$11.95 H**
727114	**727611**	**728109**	#8 x 5/8"	**$12.95 H**
727125	**727620**	**728127**	#8 x 3/4"	**$11.95 H**
727137	**727632**	**728139**	#8 x 1"	**$13.95 H**
727149	**727644**	**728141**	#8 x 1-1/4"	**$16.95 H**
727151	**727656**	**728153**	#8 x 1-1/2"	**$19.95 H**
727153	**727660**	**728164**	#8 x 2"	**$29.95 H**
727175	**727670**	**728177**	#10 x 1/2"	**$15.95 H**
727184	**727680**	**728180**	#10 x 5/8"	**$17.95 H**
727199	**727694**	**728191**	#10 x 3/4"	**$16.95 H**
727202	**727707**	**728204**	#10 x 1"	**$18.95 H**
727214	**727719**	**728216**	#10 x 1-1/4"	**$23.95 H**
727223	**727721**	**728228**	#10 x 1-1/2"	**$25.95 H**
727238	**727733**	**728235**	#10 x 2"	**$33.95 H**
727240		**728239**	#10 x 2-1/2"	**$47.95 H**
	727738	**728241**	#10 x 3"	**$53.95 H**
727252	**727757**	**728245**	#12 x 3/4"	**$28.95 H**
727264	**727769**	**728258**	#12 x 1"	**$34.95 H**
727276	**727770**	**728266**	#12 x 1-1/4"	**$34.95 H**
727288	**727783**	**728278**	#12 x 1-1/2"	**$36.95 H**
727290	**727795**	**728280**	#12 x 2"	**$52.95 H**
	727800	**728285**	#12 x 2-1/2"	**$64.95 H**
727320	**727808**	**728289**	#12 x 3"	**$86.95 H**
727327	**727820**		#14 x 3/4"	**$40.95 H**
727339	**727834**	**728329**	#14 x 1"	**$46.95 H**
727341	**727846**	**728331**	#14 x 1-1/4"	**$53.95 H**
727353	**727858**	**728343**	#14 x 1-1/2"	**$58.95 H**
727365	**727860**	**728355**	#14 x 2"	**$78.95 H**
727377	**727872**	**728365**	#14 x 2-1/2"	**$89.95 H**
	727884	**728370**	#14 x 3"	**$109.95 H**

Lag Bolts
Sold in boxes of 25 only.

731201	1/4" x 2"	**$33.95 H**
731213	1/4" x 3"	**$52.95 H**
731249	5/16" x 3"	**$79.95 H**



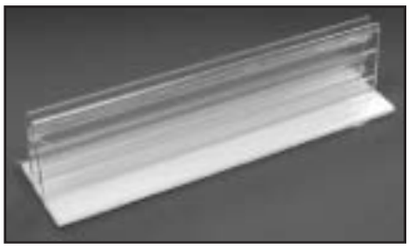
Marpac Peg Board Hooks

Marpac Peg Board Hooks
.148 diameter. Sold 25 hooks per pack.

7-0549	2"	**$4.95 F 3Q**
7-0548	4"	**$5.95 F 3Q**
7-0546	6"	**$5.95 F 3Q**
7-0547	8"	**$7.95 F 3Q**



Header Card Kit and Sign Holder





Wide Base Sign Holder
These 6" x 1-3/4" sign holders are made of clear plastic with a self adhesive base.

101129 (211-04839-01) **$4.95 A**

Header Card Kit
Keep things organized with these attractive header cards. Signs included for:

Accessories	Boat Care	Electrical
Electronics	Engine Care	Fishing
Fuel	Hardware	Lights
Mooring	Promotion	Pumps
Safety	Seats	Trailer
Water Sports		

101100 (HC KIT) **$29.95 A**

NEW ITEM



End Cap - Length 3'
Measures 54" tall x 36" wide. Base shelf is 16" deep.
Includes: (3) 14" deep shelves.

101131 **$270.95 A**

Marpac Canvas Fastener Display



Marpac Canvas Fastener Display
This display includes the following:

(5) 7-6175 - 1/4 Barrel and Socket
(10) 7-6178 - 11/64 Barrel and Socket
(5) 7-6181 - Stud Eyelet
(5) 7-6184 - #8-15 SMS Wood Screw Stud
(10) 7-6187 - #8-15 SMS Wood Screw Stud
(5) 7-6193 - #7 x 5/8" Wood Screw Stud
(10) 7-6190 - #7 x 3/8" Wood Screw Stud
(5) 7-6196 - #10-32 x 3/8" M/S Stud
(5) 7-6199 - Twist Stud Two Hole
(5) 7-6202 - Double Prong Twist
(5) 7-6205 - Eyelet and Washer

7-3014 **$678.03 L**

Marpac Retail Price Code Guide

A	**$1.89**	**E**	**$3.09**
B	**$2.19**	**F**	**$3.29**
C	**$2.49**	**G**	**$3.99**
D	**$2.69**	**H**	**$4.39**

Marpac Displays

Marpac Square Drive Self Tapping Screw Display - 650 Pieces

(50) 7-5270 - #6 x 1/2" Oval Head Screw
(50) 7-5275 - #6 x 3/4" Oval Head Screw
(50) 7-5280 - #6 x 1" Oval Head Screw
(30) 7-5285 - #8 x 3/4" Oval Head Screw
(30) 7-5290 - #8 x 1" Oval Head Screw
(30) 7-5295 - #8 x 1-1/4" Oval Head Screw
(30) 7-5305 - #10 x 3/4" Oval Head Screw
(30) 7-5310 - #10 x 1" Oval Head Screw
(20) 7-5220 - #10 x 1-1/2" Oval Head Screw
(50) 7-5205 - #6 x 1/2" Pan Head Screw
(50) 7-5210 - #6 x 3/4" Pan Head Screw
(50) 7-5215 - #8 x 1/2" Pan Head Screw
(50) 7-5220 - #8 x 3/4" Pan Head Screw
(30) 7-5225 - #8 x 1" Pan Head Screw
(30) 7-5235 - #10 x 1/2" Pan Head Screw
(30) 7-5240 - #10 x 3/4" Pan Head Screw
(20) 7-5245 - #10 x 1" Pan Head Screw
(20) 7-5250 - #10 x 1-1/2" Pan Head Screw

7-2950 **$123.95 H**



Marpac Square Drive Set

Contains: (3) Bits sizes 1, 2 and 3.

7-2951 **$12.95 H**

Marpac Stainless Steel Cotter Pin Display

(5) 7-5005 - 1/16 x 1/2
(5) 7-5010 - 1/16 x 3/4
(5) 7-5015 - 1/16 x 1
(5) 7-5020 - 1/16 x 1-1/2
(5) 7-5025 - 1/16 x 2
(5) 7-5030 - 3/32 x 5/8
(5) 3/32 x 3/4
(5) 7-5040 - 3/32 x 1
(5) 7-5045 - 3/32 x 1-1/2
(5) 7-5050 - 3/32 x 2
(5) 7-5055 - 1/8 x 3/4
(5) 7-5060 - 1/8 x 1
(5) 7-5065 - 1/8 x 1-1/4
(5) 7-5070 - 1/8 x 1-1/2
(5) 7-5075 - 1/8 x 1-3/4
(5) 7-5080 - 1/8 x 2
(5) 7-5085 - 1/8 x 2-1/2
(5) 7-5090 - 5/32 x 1-1/2
(5) 7-5095 - 5/32 x 2
(5) 7-5100 - 5/32 x 2-1/2

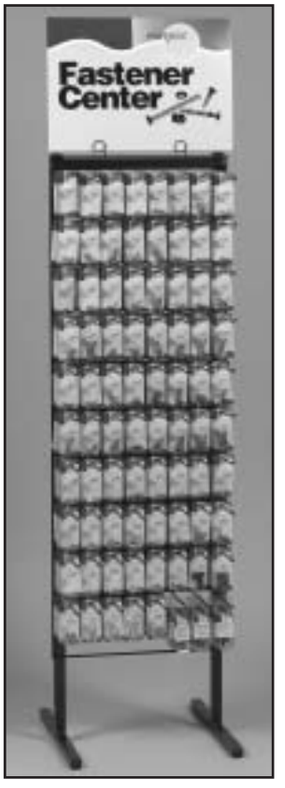
7-3002 Stainless Steel Cotter Pin Display **$288.04 L**



Marpac 80 Item Fastener Display

(5) 7-5200 - 4. x 1/2 Phillips Pan SMS
(5) 7-5205 - 6 x 1/2 Phillips Pan SMS
(5) 7-5210 - 6 x 3/4 Phillips Pan SMS
(5) 7-5215 - 8 x 1/2 Phillips Pan SMS
(5) 7-5220 - 8 x 3/4 Phillips Pan SMS
(5) 7-5225 - 8 x 1 Phillips Pan SMS
(5) 7-5230 - 8 x 1-1/2 Phillips Pan SMS
(5) 7-5235 - 10 x 1/2 Phillips Pan SMS
(5) 7-5240 - 10 x 3/4 Phillips Pan SMS
(5) 7-5245 - 10 x 1 Phillips Pan SMS
(5) 7-5250 - 10 x 1-1/2 Phillips Pan SMS
(5) 7-5255 - 12 x 1 Phillips Pan SMS
(5) 7-5260 - 12 x 1-1/2 Phillips Pan SMS
(5) 7-5265 - 14 x 1 Phillips Pan SMS
(5) 7-5270 - 6 x 1/2 Phillips Oval SMS
(5) 7-5275 - 6 x 3/4 Phillips Oval SMS
(5) 7-5280 - 6 x 1 Phillips Oval SMS
(5) 7-5285 - 8 x 3/4 Phillips Oval SMS
(5) 7-5290 - 8 x 1 Phillips Oval SMS
(5) 7-5295 - 8 x 1-1/4 Phillips Oval SMS
(5) 7-5300 - 8 x 1-1/2 Phillips Oval SMS
(5) 7-5305 - 10 x 3/4 Phillips Oval SMS
(5) 7-5310 - 10 x 1 Phillips Oval SMS
(5) 7-5315 - 10 x 1-1/4 Phillips Oval SMS
(5) 7-5320 - 10 x 1-1/2 Phillips Oval SMS
(5) 7-5325 - 10 x 2 Phillips Oval SMS
(5) 7-5330 - 12 x 1 Phillips Oval SMS
(5) 7-5335 - 12 x 1-1/2 Phillips Oval SMS
(5) 7-5340 - 12 x 2 Phillips Oval SMS
(5) 7-5345 - 14 x 1-1/2 Phillips Oval SMS
(5) 7-5350 - 14 x 2 Phillips Oval SMS
(5) 7-5355 - 14 x 2-1/2 Phillips Oval SMS
(5) 7-5360 - 6-32 x 1 Phillips Oval M/S
(5) 7-5365 - 8-32 x 1 Phillips Oval M/S
(5) 7-5370 - 8-32 x 1-1/2 Phillips Oval M/S
(5) 7-5375 - 10-24 x 1 Phillips Oval M/S
(5) 7-5380 - 10-24 x 1-1/2 Phillips Oval M/S
(5) 7-5385 - 10-24 x 2 Phillips Oval M/S
(5) 7-5390 - 1/4-20 x 1 Phillips Oval M/S
(5) 7-5395 - 1/4-20 x 1-1/2 Phillips Oval M/S
(5) 7-5400 - 1/4-20 x 2 Phillips Oval M/S
(5) 7-5405 - 1/4-20 x 3 Phillips Oval M/S
(5) 7-5410 - 8-32 x 1 Phillips Pan M/S
(5) 7-5415 - 8-32 x 1-1/2 Phillips Pan M/S
(5) 7-5420 - 10-24 x 1 Phillips Pan M/S
(5) 7-5425 - 10-24 x 1-1/2 Phillips Pan M/S
(5) 7-5430 - 10-24 x 2 Phillips Pan M/S
(5) 7-5435 - 1/4-20 x 1-1/2 Phillips Pan M/S
(5) 7-5440 - 1/4-20 x 2 Phillips Pan M/S
(5) 7-5445 - 1/4-20 x 3 Phillips Pan M/S
(5) 7-5450 - #6 Flat Washers
(5) 7-5455 - #8 Flat Washers
(5) 7-5460 - #10 Flat Washers
(5) 7-5465 - 1/4 Flat Washers
(5) 7-5470 - #6 Lock Washers
(5) 7-5475 - #8 Lock Washers
(5) 7-5480 - #10 Lock Washers
(5) 7-5485 - 1/4 Lock Washers
(5) 7-5490 - #8 Finishing Washers
(5) 7-5495 - #8 Finishing Washers
(5) 7-5500 - #10 Finishing Washers
(5) 7-5505 - 1/4 Finishing Washers
(5) 7-5510 - #8-32 Finished Hex Nut
(5) 7-5515 - #8-32 Finished Hex Nut
(5) 7-5520 - #10-24 Finished Hex Nut
(5) 7-5525 - #1/4-20 Finished Hex Nut
(5) 7-5530 - #8-32 Nylon Lock Nut
(5) 7-5535 - #10-24 Nylon Lock Nut
(5) 7-5540 - #1/4-20 Nylon Lock Nut
(5) 7-5545 - 8-32 Wing Nut
(5) 7-5550 - 10-24 Wing Nut
(5) 7-5555 - 1/4-20 Wing Nut
(5) 7-5560 - 1/4 x 5/8 Well Nut
(5) 7-5565 - 1/4 x 1 Wing Nut
(5) 7-5570 - 1/4-20 x 1 Hex Hd C/S
(5) 7-5575 - 1/4-20 x 1-1/2 Hex Hd C/S
(5) 7-5580 - 1/4-20 x 2 Hex Hd C/S
(5) 7-5585 - 1/4-20 x 2-1/2 Hex Hd C/S
(5) 7-5590 - 1/4-20 x 3 Hex Hd C/S
(5) 7-5595 - License Plate Bolts

7-3009 80 Item Fastener Display **$1,075.17 Q**



Marpac Electrical Displays



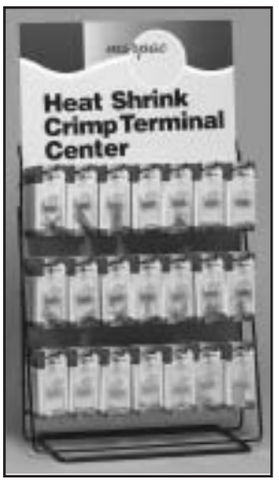
All Bulbs packed 2 per display package

Marpac Bulb Display

This display includes 5 bags of the following:

- 7-3905 (53) Mini Bayonet
- 7-3910 (57) Mini Bayonet
- 7-3915 (67) Single Contact Bayonet Base
- 7-3920 (68) Double Contact Bayonet Base
- 7-3925 (70) Wedge
- 7-3930 (71) Single Contact Bayonet Base
- 7-3936 (90) Double Contact Bayonet Base
- 7-3940 (93) Single Contact Bayonet Base
- 7-3946 (94) Double Contact Bayonet Base
- 7-3950 (194) Wedge
- 7-3955 (211) Festoon
- 7-3960 (212) Festoon
- 7-3966 (1004) Double Contact Bayonet Base
- 7-3970 (1034) Double Contact Bayonet Base
- 7-3975 (1141) Single Contact Bayonet Base
- 7-3986 (1156) Single Contact Bayonet Base
- 7-3990 (1157) Double Contact Bayonet Base
- 7-3995 (1416) Mini Bayonet
- 7-4000 (1895) Mini Bayonet
- 7-4020 (71 DP CLR) Festoon

7-3006 **$342.53 J**



Marpac Heat Shrink Crimp Terminal Display

This display includes 5 packages of the following:

- 7-3290 - Butt Connectors - 22-18 AWG
- 7-3300 - Butt Connectors - 16-14 AWG
- 7-3310 - Butt Connectors - 12-10 AWG
- 7-3395 - Quick Disconnect - 22-18 AWG Male
- 7-3400 - Quick Disconnect - 22-18 AWG Female
- 7-3405 - Quick Disconnect - 16-14 AWG Male
- 7-3410 - Quick Disconnect - 16-14 AWG Female
- 7-3415 - Quick Disconnect - 12-10 AWG Male
- 7-3420 - Quick Disconnect - 12-10 AWG Female
- 7-3320 - Ring Tongue - 22-18 AWG #10
- 7-3325 - Ring Tongue - 22-18 AWG #1/4
- 7-3335 - Ring Tongue - 16-14 AWG #8
- 7-3345 - Ring Tongue - 16-14 AWG #10
- 7-3350 - Ring Tongue - 16-14 AWG #1/4
- 7-3355 - Ring Tongue - 16-14 AWG #5/16
- 7-3365 - Ring Tongue - 16-14 AWG #3/8
- 7-3370 - Ring Tongue - 12-10 AWG #10
- 7-3375 - Ring Tongue - 12-10 AWG #1/4
- 7-3385 - Ring Tongue - 12-10 AWG #3/8

7-3004 **$334.89 K**

Sold by Box of 5 Packages Only! Priced per Display Package

Marpac Tinned Wire Display

This display includes 5 packages of the following:

- 7-4113 - 18 AWG - Black Tinned Copper Wire - Length 35′
- 7-4114 - 18 AWG - Red Tinned Copper Wire - Length 35′
- 7-4115 - 16 AWG - Black Tinned Copper Wire - Length 25′
- 7-4125 - 16 AWG - Red Tinned Copper Wire - Length 25′
- 7-4126 - 16 AWG - Brown Tinned Copper Wire - Length 25′
- 7-4127 - 16 AWG - Purple Tinned Copper Wire - Length 25′
- 7-4145 - 14 AWG - Red Tinned Copper Wire - Length 18′
- 7-4135 - 14 AWG - Black Tinned Copper Wire - Length 18′
- 7-4170 - 12 AWG - Black Tinned Copper Wire - Length 12′
- 7-4165 - 12 AWG - Red Tinned Copper Wire - Length 12′
- 7-4166 - 12 AWG - Brown Tinned Copper Wire - Length 12′
- 7-4167 - 12 AWG - Purple Tinned Copper Wire - Length 12′
- 7-4175 - 10 AWG - Black Tinned Copper Wire - Length 8′
- 7-4185 - 10 AWG - Red Tinned Copper Wire - Length 8′
- 7-4186 - 10 AWG - Brown Tinned Copper Wire - Length 8′
- 7-4192 - 18/2 - Clear Speaker Wire - Length 35′
- 7-4193 - 16/2 - Clear Speaker Wire - Length 15′

7-3013 **$1,121.36 L**

Marpac Electrical Displays

Marpac 80 Item Electrical Display

This display includes the following:

- (5) 7-3110 - Butt Connectors - 22-18 AWG
- (5) 7-3115 - Butt Connectors - 16-14 AWG
- (5) 7-3120 - Butt Connectors - 12-10 AWG
- (5) 7-3125 - Ring Tongue - 22-18 AWG #6
- (5) 7-3130 - Ring Tongue - 22-18 AWG #8
- (5) 7-3135 - Ring Tongue - 22-18 AWG #10
- (5) 7-3140 - Ring Tongue - 16-14 AWG #6
- (5) 7-3145 - Ring Tongue - 16-14 AWG #8
- (5) 7-3150 - Ring Tongue - 16-14 AWG #10
- (5) 7-3155 - Ring Tongue - 16-14 AWG #1/4
- (5) 7-3165 - Ring Tongue - 16-14 AWG #3/8
- (5) 7-3170 - Ring Tongue - 12-10 AWG #10
- (5) 7-3175 - Ring Tongue - 12-10 AWG #1/4
- (5) 7-3180 - Ring Tongue - 12-10 AWG #5/16
- (5) 7-3185 - Ring Tongue - 12-10 AWG #3/8
- (5) 7-3190 - Spade Fork - 22-18 AWG #10
- (5) 7-3195 - Spade Fork - 16-14 AWG #10
- (5) 7-3200 - Spade Fork - 12-10 AWG #10
- (5) 7-3205 - Quick Disconnect - 22-18 AWG Male
- (5) 7-3210 - Quick Disconnect - 22-18 AWG Female
- (5) 7-3215 - Quick Disconnect - 16-14 AWG Male
- (5) 7-3220 - Quick Disconnect - 16-14 AWG Female
- (5) 7-3225 - Quick Disconnect - 12-10 AWG Male
- (5) 7-3230 - Quick Disconnect - 12-10 AWG Female
- (5) 7-3235 - Scotch Lock - 14-18 AWG
- (5) 7-3240 - Scotch Lock - 12-10 AWG
- (5) 7-3245 - Bullet Conn. - 16-14 AWG - Plug
- (5) 7-3250 - Bullet Conn. - 16-14 AWG - Recpt.
- (5) 7-3255 - Closed End Conn. - 22-14 AWG
- (5) 7-3260 - Closed End Conn. - 18-10 AWG
- (5) 7-3290 - Heat Shrink Butt Conn. - 22-18 AWG
- (5) 7-3300 - Heat Shrink Butt Conn. - 16-14 AWG
- (5) 7-3310 - Heat Shrink Butt Conn. - 12-10 AWG
- (5) 7-3320 - Heat Shrink Ring - 22-18 AWG #10
- (5) 7-3335 - Heat Shrink Ring - 16-14 AWG #8
- (5) 7-3345 - Heat Shrink Ring - 16-14 AWG #10
- (5) 7-3365 - Heat Shrink Ring - 16-14 AWG #3/8
- (5) 7-3385 - Heat Shrink Ring - 12-10 AWG #3/8
- (5) 7-3450 - Tinned Copper Lugs - 8 AWG #1/4
- (5) 7-3455 - Tinned Copper Lugs - 8 AWG #5/16
- (5) 7-3460 - Tinned Copper Lugs - 8 AWG #3/8
- (5) 7-3465 - Tinned Copper Lugs - 6 AWG #10
- (5) 7-3470 - Tinned Copper Lugs - 6 AWG #1/4
- (5) 7-3475 - Tinned Copper Lugs - 6 AWG #5/16
- (5) 7-3480 - Tinned Copper Lugs - 6 AWG #3/8
- (5) 7-3490 - Tinned Copper Lugs - 4 AWG #5/16
- (5) 7-3500 - Tinned Copper Lugs - 4 AWG #3/8
- (5) 7-3510 - Tinned Copper Lugs - 2 AWG #5/16
- (5) 7-3520 - Tinned Copper Lugs - 2 AWG #3/8
- (5) 7-3525 - Tinned Copper Lugs - 1 AWG #5/16
- (5) 7-3530 - Tinned Copper Lugs - 1 AWG #3/8
- (5) 7-3535 - Tinned Copper Lugs - 1/0 AWG #5/16
- (5) 7-3540 - Tinned Copper Lugs - 1/0 AWG #3/8
- (5) 7-3545 - Tinned Copper Lugs - 1/0 AWG #1/2
- (5) 7-3550 - Tinned Copper Lugs - 2/0 AWG #1/4
- (5) 7-3555 - Tinned Copper Lugs - 2/0 AWG #5/16
- (5) 7-3560 - Tinned Copper Lugs - 2/0 AWG #3/8
- (5) 7-3565 - Tinned Copper Lugs - 2/0 AWG #1/2
- (5) 7-3570 - Tinned Copper Lugs - 4/0 AWG #3/8
- (5) 7-3575 - Tinned Copper Lugs - 4/0 AWG #1/2
- (5) 7-3665 - Vinyl Hole Grommets - 1/4
- (5) 7-3670 - Vinyl Hole Grommets - 1/2
- (10) 7-3785 - Waterproof Fuse Holder
- (5) 7-3800 - ATO Fuse - 3 amp
- (5) 7-3805 - ATO Fuse - 4 amp
- (5) 7-3810 - ATO Fuse - 5 amp
- (5) 7-3815 - ATO Fuse - 7.5 amp
- (5) 7-3820 - ATO Fuse - 10 amp
- (5) 7-3825 - ATO Fuse - 15 amp
- (5) 7-3830 - ATO Fuse - 20 amp
- (5) 7-3835 - ATO Fuse - 25 amp
- (5) 7-3936 (90) Double Contact Bayonet Base
- (5) 7-3946 (94) Double Contact Bayonet Base
- (5) 7-3951 (194) Wedge
- (5) 7-3966 (1004) Double Contact Bayonet Base
- (5) 7-3980 (1142) Double Contact Bayonet Base
- (5) 7-3986 (1156) Single Contact Bayonet Base
- (5) 7-3991 (1157) Double Contact Bayonet Base
- (5) 7-4010 (70 DP1 CLR) Festoon
- (5) 7-4020 (71 DP CLR) Festoon



7-3007 80 Item Electrical Display **$1,333.78 K**

Marpac Nylon Cable Tie Display

Marpac Nylon Cable Tie Display

This display includes 5 packages of the following:

- 7-6130 - 6″ Natural
- 7-6135 - 8″ Natural, 12″ Natural
- 7-6140 - 12″ Natural
- 7-6145 - 7-1/2″ Screw Mount Natural
- 7-6150 - 6″ UV Black
- 7-6155 - 8″ UV Black, 12″ UV Black
- 7-6160 - 12″ UV Black



7-3012 Nylon Cable Tie Display **$206.96 L**

Marpac Electrical Displays



Marpac Plug-In Fuse Display

This display includes the following:

- (5) 7-3800 - ATO Fuse - 3 amp
- (5) 7-3805 - ATO Fuse - 4 amp
- (5) 7-3810 - ATO Fuse - 5 amp
- (5) 7-3815 - ATO Fuse - 7.5 amp
- (5) 7-3820 - ATO Fuse - 10 amp
- (5) 7-3825 - ATO Fuse - 15 amp
- (5) 7-3830 - ATO Fuse - 20 amp
- (5) 7-3835 - ATO Fuse - 25 amp
- (5) 7-3845 - ATO Fuse - 40 amp
- (5) 7-3855 - Mini Plug-In Fuse - 2 amp
- (5) 7-3860 - Mini Plug-In Fuse - 3 amp
- (5) 7-3865 - Mini Plug-In Fuse - 4 amp
- (5) 7-3870 - Mini Plug-In Fuse - 5 amp
- (5) 7-3875 - Mini Plug-In Fuse - 7.5 amp
- (5) 7-3880 - Mini Plug-In Fuse - 10 amp
- (5) 7-3885 - Mini Plug-In Fuse - 15 amp
- (5) 7-3890 - Mini Plug-In Fuse - 20 amp
- (5) 7-3895 - Mini Plug-In Fuse - 25 amp
- (5) 7-3900 - Mini Plug-In Fuse - 30 amp
- (10) 7-3780 - Plug-In Fuse Holder

7-3010 **$383.30 K**

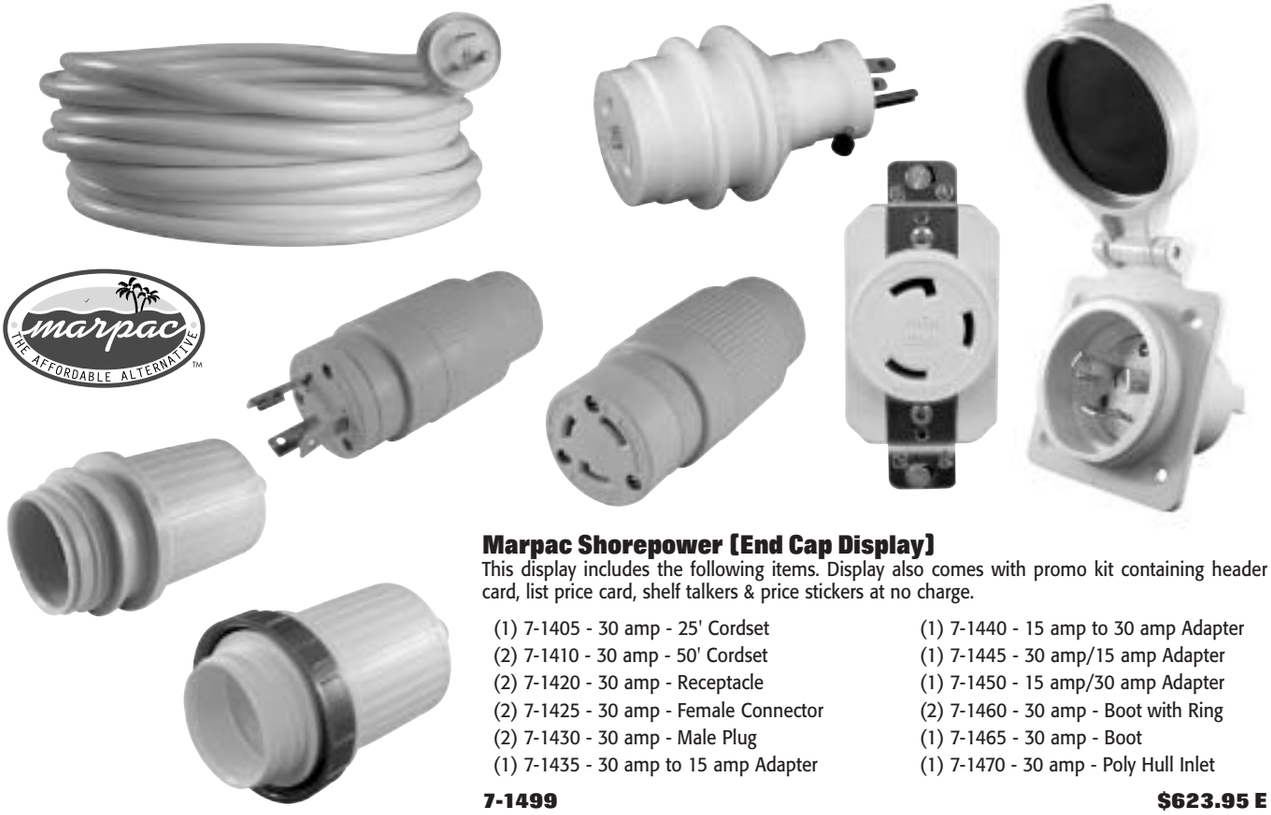


Marpac Glass Fuse Display

This display includes the following:

- (5) 7-3675 - AGA Fuse - 20 amp
- (5) 7-3680 - AGA Fuse - 30 amp
- (5) 7-3685 - AGC Fuse - 1 amp
- (5) 7-3690 - AGC Fuse - 1.5 amp
- (5) 7-3695 - AGC Fuse - 2 amp
- (5) 7-3700 - AGC Fuse - 2.5 amp
- (5) 7-3705 - AGC Fuse - 3 amp
- (5) 7-3710 - AGC Fuse - 4 amp
- (5) 7-3720 - AGC Fuse - 7.5 amp
- (5) 7-3725 - AGC Fuse - 10 amp
- (5) 7-3730 - AGC Fuse - 15 amp
- (5) 7-3735 - AGC Fuse - 20 amp
- (5) 7-3740 - AGC Fuse - 25 amp
- (5) 7-3745 - AGC Fuse - 30 amp
- (5) 7-3755 - SFE Fuse - 9 amp
- (5) 7-3760 - SFE Fuse - 14 amp
- (5) 7-3765 - SFE Fuse - 20 amp
- (5) 20 amp In-Line Fuse Holder
- (5) 30 amp In-Line Fuse Holder
- (5) 7-3790 - Fuse Puller

7-3003 **$232.45 L**



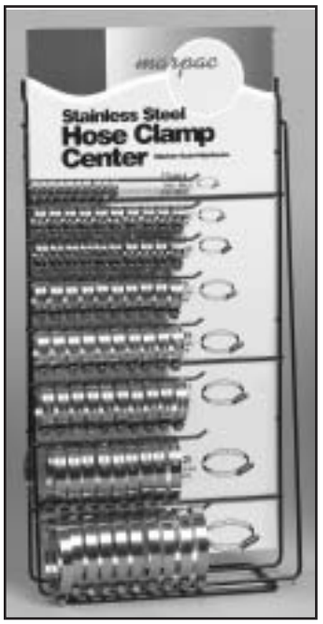
Marpac Shorepower (End Cap Display)

This display includes the following items. Display also comes with promo kit containing header card, list price card, shelf talkers & price stickers at no charge.

- (1) 7-1405 - 30 amp - 25' Cordset
- (2) 7-1410 - 30 amp - 50' Cordset
- (2) 7-1420 - 30 amp - Receptacle
- (2) 7-1425 - 30 amp - Female Connector
- (2) 7-1430 - 30 amp - Male Plug
- (1) 7-1435 - 30 amp to 15 amp Adapter
- (1) 7-1440 - 15 amp to 30 amp Adapter
- (1) 7-1445 - 30 amp/15 amp Adapter
- (1) 7-1450 - 15 amp/30 amp Adapter
- (2) 7-1460 - 30 amp - Boot with Ring
- (1) 7-1465 - 30 amp - Boot
- (1) 7-1470 - 30 amp - Poly Hull Inlet

7-1499 **$623.95 E**

Hose Clamp Displays



Marpac Hose Clamp Display

This display includes the following:

(10) 276015 - Clamp Dia. 1/4" - 5/8"
(10) 276041 - Clamp Dia. 7/16" - 1"
(10) 276053 - Clamp Dia. 1/2" - 1-1/16"
(10) 276079 - Clamp Dia. 3/4" - 1-1/2"
(10) 276089 - Clamp Dia. 3/4" - 1-3/4"
(10) 276091 - Clamp Dia. 1" - 2"
(10) 276128 - Clamp Dia. 7/8" - 2-3/4"
(10) 276142 - Clamp Dia. 1-5/8" - 3-1/2"

7-3005 **$125.86 D**

Micro-Gear, 62M Series. 300 series marine grade stainless steel screw, band and housing. These clamps are tiny, tough and precision engineered for use in such small hose applications as emission control, fuel lines and vacuum hoses. Their slim, 5/16" band and low profile housing makes them easy to install in confined areas.

Hy-Gear, 63 Series. High nickel alloy stainless steel meets the demands of inground and marine use. A marine grade clamp for boating applications and other corrosive environments. Band and housing: 9/16" wide. 300 grade stainless steel.



Ideal Hose Clamp Display

Yellow, plastic counter top display with 120 stainless steel hose clamps. The display includes: (20) 62602, (10) 62606, (10) 6310, (20) 6312, (30) 6320, (20) 6328 and (10) 6336 clamps.

276003 (6304MS) **$294.95 L**

Marpro Outboard Motor Spray Paint Display

Marpro Outboard Motor Spray Paint Display

This display includes the following:

(4) 6-1258 - Mercury Black - 1258
(4) 6-6961 - J/E White- 6961
(4) 6-6979 - OMC Cobra Charcoal - 6979
(4) 6-6969 - Yamaha Blue Metallic - 6969
(4) 6-7003 - Yam Dark Blue Metallica - 7003
(4) 6-7021 - Honda Silver Metallica
(4) 6-6995 - Gloss Clear Coat - 6995
(4) 6-0214 - New Cat Yellow
(4) 6-0225 - GM Green
(4) 6-0800 - Zinc Cold Gal. - 800
(4) 6-5605 - Primer Zinc Green - 5605
(4) 6-5606 - Primer Zinc Yellow - 5606

6-9998 Display **$339.95 F**
6-9999 Display Rack Only **$64.95 A**



Solas Rubex Propellers

SOLAS



Solas Rubex Display - Aluminum/Stainless Steel

878819	(9411-135-15)	Aluminum Rubex 3 (13.5 x 15)	Qty. 2
878821	(9411-133-17)	Aluminum Rubex 3 (13.3 x 17)	Qty. 2
878833	(9411-130-19)	Aluminum Rubex 3 (13 x 19)	Qty. 2
878857	(9511-148-17)	Aluminum Rubex 3 (14.8 x 17)	Qty. 2
878869	(9511-145-19)	Aluminum Rubex 3 (14.5 x 19)	Qty. 2
878871	(9511-143-21)	Aluminum Rubex 3 (14.3 x 21)	Qty. 2
879063	(9431-135-15)	Stainless Steel Rubex NS3 (13-1/2 x 15)	Qty. 1
879075	(9431-133-17)	Stainless Steel Rubex NS3 (13-1/4 x 17)	Qty. 1
879087	(9431-130-19)	Stainless Steel Rubex NS3 (13 x 19)	Qty. 1
879114	(9531-143-17)	Stainless Steel Rubex NS3 (14-1/4 x 17)	Qty. 1
879126	(9531-140-19)	Stainless Steel Rubex NS3 (14 x 19)	Qty. 1
879138	(9531-140-21)	Stainless Steel Rubex NS3 (14 x 21)	Qty. 1
879861	(RBX-100)	Hub Kit - J/E V6 Gearcase 91 to pre	Qty. 1
879874	(RBX-101)	Hub Kit - J/E V6 Gearcase 1976 to 90	Qty. 1
879885	(RBX-102)	Hub Kit - M/M/Mer/For/Hon 70-250 HP	Qty. 1
879897	(RBX-103)	Hub Kit - Yamaha V6	Qty. 1
879900	(RBX-104)	Hub Kit - Suzuki 150-225 HP	Qty. 1
879912	(RBX-105)	Hub Kit - Volvo SX DRIVE	Qty. 1
879924	(RBX-106)	Hub Kit - J/E V4 Gearcase	Qty. 1
879936	(RBX-107)	Hub Kit - Honda 75-130 HP	Qty. 1
879948	(RBX-108)	Hub Kit - Yamaha 60-90 HP	Qty. 1
879950	(RBX-110)	Hub Kit - Suzuki 60-140 HP	Qty. 1
879962	(RBX-124)	Hub Kit - Yamaha/Mercury/Honda EFI	Qty. 1
879974	(RBX-125)	Hub Kit - Suzuki 4-Stroke 90-115 HP	Qty. 1
879986	(RBX-126)	Hub Kit - Suzuki 4-Stroke 140 HP and up	Qty. 1
878798	Rubex Display Rack		Qty. 1

878799 **$3,061.95 C**

SOLAS

NEW ITEM

Solas Rubex Display - Stainless Steel

879063	(9431-135-15)	Stainless Steel Rubex NS3 (13-1/2 x 15)	Qty. 3
879075	(9431-133-17)	Stainless Steel Rubex NS3 (13-1/4 x 17)	Qty. 3
879087	(9431-130-19)	Stainless Steel Rubex NS3 (13 x 19)	Qty. 3
879114	(9531-143-17)	Stainless Steel Rubex NS3 (14-1/4 x 17)	Qty. 3
879126	(9531-140-19)	Stainless Steel Rubex NS3 (14 x 19)	Qty. 3
879138	(9531-140-21)	Stainless Steel Rubex NS3 (14 x 21)	Qty. 3
879861	(RBX-100)	Hub Kit - J/E V6 Gearcase 91 to pre	Qty. 1
879874	(RBX-101)	Hub Kit - J/E V6 Gearcase 1976 to 90	Qty. 1
879885	(RBX-102)	Hub Kit - M/M/Mer/For/Hon 70-250 HP	Qty. 1
879897	(RBX-103)	Hub Kit - Yamaha V6	Qty. 1
879900	(RBX-104)	Hub Kit - Suzuki 150-225 HP	Qty. 1
879912	(RBX-105)	Hub Kit - Volvo SX DRIVE	Qty. 1
879924	(RBX-106)	Hub Kit - J/E V4 Gearcase	Qty. 1
879936	(RBX-107)	Hub Kit - Honda 75-130 HP	Qty. 1
879948	(RBX-108)	Hub Kit - Yamaha 60-90 HP	Qty. 1
879950	(RBX-110)	Hub Kit - Suzuki 60-140 HP	Qty. 1
879962	(RBX-124)	Hub Kit - Yamaha/Mercury/Honda EFI	Qty. 1
879974	(RBX-125)	Hub Kit - Suzuki 4-Stroke 90-115 HP	Qty. 1
879986	(RBX-126)	Hub Kit - Suzuki 4-Stroke 140 HP and up	Qty. 1
878798	Rubex Display Rack		Qty. 1

878800 **$5,295.95 C**

SOLAS

NEW ITEM

Solas Rubex Display - Aluminum

878819	(9411-135-15)	Aluminum Rubex 3 (13.5 x 15)	Qty. 3
878821	(9411-133-17)	Aluminum Rubex 3 (13.3 x 17)	Qty. 3
878833	(9411-130-19)	Aluminum Rubex 3 (13 x 19)	Qty. 3
878857	(9511-148-17)	Aluminum Rubex 3 (14.8 x 17)	Qty. 3
878869	(9511-145-19)	Aluminum Rubex 3 (14.5 x 19)	Qty. 3
878871	(9511-143-21)	Aluminum Rubex 3 (14.3 x 21)	Qty. 3
879861	(RBX-100)	Hub Kit - J/E V6 Gearcase 91 to pre	Qty. 1
879874	(RBX-101)	Hub Kit - J/E V6 Gearcase 1976 to 90	Qty. 1
879885	(RBX-102)	Hub Kit - M/M/Mer/For/Hon 70-250 HP	Qty. 1
879897	(RBX-103)	Hub Kit - Yamaha V6	Qty. 1
879900	(RBX-104)	Hub Kit - Suzuki 150-225 HP	Qty. 1
879912	(RBX-105)	Hub Kit - Volvo SX DRIVE	Qty. 1
879924	(RBX-106)	Hub Kit - J/E V4 Gearcase	Qty. 1
879936	(RBX-107)	Hub Kit - Honda 75-130 HP	Qty. 1
879948	(RBX-108)	Hub Kit - Yamaha 60-90 HP	Qty. 1
879950	(RBX-110)	Hub Kit - Suzuki 60-140 HP	Qty. 1
879962	(RBX-124)	Hub Kit - Yamaha/Mercury/Honda EFI	Qty. 1
879974	(RBX-125)	Hub Kit - Suzuki 4-Stroke 90-115 HP	Qty. 1
879986	(RBX-126)	Hub Kit - Suzuki 4-Stroke 140 HP and up	Qty. 1
878798	Rubex Display Rack		Qty. 1

878801 **$1,944.95 C**

Propeller Displays

Solas Yamaha
Prop Display - Aluminum and Stainless Steel

866792	3311-116-11	Prop - Aluminum (11.6 x 11)	Qty. 1
866813	3311-111-13	Prop - Aluminum (11.1 x 13)	Qty. 1
866828	3311-110-15	Prop - Aluminum (11 x 15)	Qty. 1
866840	3411-135-15	Prop - Aluminum (13.5 x 15)	Qty. 1
866864	3411-133-17	Prop - Aluminum (13.3 x 17)	Qty. 1
866888	3411-130-19	Prop - Aluminum (13 x 19)	Qty. 1
866903	3511-148-17	Prop - Aluminum (15 x 17)	Qty. 1
866927	3511-145-19	Prop - Aluminum (14.8 x 19)	Qty. 1
866941	3511-143-21	Prop - Aluminum (14.5 x 21)	Qty. 1
870320	3331-116-11	Prop - Stainless Steel (11.6 x 11)	Qty. 1
870344	3331-111-13	Prop - Stainless Steel (11.1 x 13)	Qty. 1
870368	3331-110-15	Prop - Stainless Steel (11 x 15)	Qty. 1
870419	3431-135-15	Prop - Stainless Steel (13.5 x 15)	Qty. 1
870421	3431-133-17	Prop - Stainless Steel (13.3 x 17)	Qty. 1
870433	3431-130-19	Prop - Stainless Steel (13 x 19)	Qty. 1
870560	3531-143-17	Prop - Stainless Steel (15 x 17)	Qty. 1
870572	3531-140-19	Prop - Stainless Steel (14.8 x 19)	Qty. 1
870584	3531-140-21	Prop - Stainless Steel (14.5 x 21)	Qty. 1

878802 **$3,306.95 C**

NEW ITEM





Solas Mercury
Prop Display - Aluminum and Stainless Steel

866080	1311-116-11	Prop - Aluminum (11.8 x 11)	Qty. 1
866117	1311-111-13	Prop - Aluminum (11.1 x 13)	Qty. 1
866155	1311-110-15	Prop - Aluminum (11 x 15)	Qty. 1
866181	1411-135-15	Prop - Aluminum (13.5 x 15)	Qty. 1
866206	1411-133-17	Prop - Aluminum (13.3 x 17)	Qty. 1
866220	1411-130-19	Prop - Aluminum (13 x 19)	Qty. 1
866307	1511-148-17	Prop - Aluminum (14.3 x 17)	Qty. 1
866321	1511-145-19	Prop - Aluminum (14 x 19)	Qty. 1
866345	1511-143-21	Prop - Aluminum (14 x 21)	Qty. 1
866953	1331-116-11	Prop - Stainless Steel (11.8 x 11)	Qty. 1
866965	1331-111-13	Prop - Stainless Steel (11.1 x 13)	Qty. 1
866977	1331-110-15	Prop - Stainless Steel (11 x 15)	Qty. 1
867171	1431-135-15	Prop - Stainless Steel (13.5 x 15)	Qty. 1
867188	1431-133-17	Prop - Stainless Steel (13.3 x 17)	Qty. 1
867195	1431-130-19	Prop - Stainless Steel (13 x 19)	Qty. 1
867246	1531-143-17	Prop - Stainless Steel (14.3 x 17)	Qty. 1
867260	1531-140-19	Prop - Stainless Steel (14 x 19)	Qty. 1
867284	1531-140-21	Prop - Stainless Steel (14 x 21)	Qty. 1

878803 **$3,306.95 C**

BMC Display - Aluminum and Stainless Steel

866509	2311-125-13	Prop - Aluminum (12.5 x 13)	Qty. 1
866523	2311-123-15	Prop - Aluminum (12.3 x 15)	Qty. 1
866547	2311-120-17	Prop - Aluminum (12 x 17)	Qty. 1
866573	2411-135-15	Prop - Aluminum (13.5 x 15)	Qty. 1
866597	2411-133-17	Prop - Aluminum (13.3 x 17)	Qty. 1
866612	2411-130-19	Prop - Aluminum (13 x 19)	Qty. 1
866674	2511-148-17	Prop - Aluminum (14.3 x 17)	Qty. 1
866698	2511-145-19	Prop - Aluminum (14 x 19)	Qty. 1
866713	2511-143-21	Prop - Aluminum (14 x 21)	Qty. 1
867359	2331-125-13	Prop - Stainless Steel (12.5 x 13)	Qty. 1
867366	2331-123-15	Prop - Stainless Steel (12.3 x 15)	Qty. 1
867373	2331-120-17	Prop - Stainless Steel (12 x 17)	Qty. 1
867409	2431-135-15	Prop - Stainless Steel (13.5 x 15)	Qty. 1
867412	2431-133-17	Prop - Stainless Steel (13.3 x 17)	Qty. 1
867424	2431-130-19	Prop - Stainless Steel (13 x 19)	Qty. 1
867450	2531-143-17	Prop - Stainless Steel (14.3 x 17)	Qty. 1
867474	2531-140-19	Prop - Stainless Steel (14 x 19)	Qty. 1
867498	2531-140-21	Prop - Stainless Steel (14 x 21)	Qty. 1

878804 **$3,306.95 C**

Marpac Lower Unit Gasket & O-Ring Display

Marpac Lower Unit
Gasket and O-Ring Display

This display includes 5 packages of the following.

- 7-5998 - Drain Plug - Mercury Lower Unit
- 7-5999 - Plug Gasket - Mercury Lower Unit
- 7-6000 - Magnetic Drain Plug - Mercury Lower Unit
- 7-6001 - O-Ring - Mercury Lower Unit
- 7-6015 - O-Ring - OMC Lower Unit
- 7-6016 - Drain Plug and Gasket - OMC Lower Unit
- 7-6017 - Plug Gasket - OMC Lower Unit
- 7-6011 - O-Ring - Volvo Lower Unit
- 7-6012 - Plug Gasket - Volvo Lower Unit
- 7-6005 - Magnetic Drain Plug - Yamaha Lower Unit
- 7-6006 - Plug Gasket - Yamaha Lower Unit
- 7-6007 - Drain Plug and Gasket - Yamaha Lower Unit

7-3015 **$452.47 L**

Rope Display



Rope Display

Display includes:

701143 (1) 1/4" 500' Solid Braid Nylon Rope
701169 (1) 3/8" x 500' Solid Braid Nylon Rope
701171 (1) 1/2" x 500' Solid Braid Nylon Rope
701404 (1) 1/4" x 600' Twisted Nylon Rope
701426 (1) 3/8" x 600' Twisted Nylon Rope
701446 (1) 1/2" x 600' Twisted Nylon Rope
701707 (1) 1/4" x 600' Twisted Polypropylene Rope
701749 (1) 3/8" x 600' Twisted Polypropylene Rope
702738 (1) RD-00501 Bulk Rope Reel Holder

702781 **$1,075.95 F**

Marpro Boat Care Display



Marpro Boat Care Display

Display offers a variety of maintenance products to choose from. Marpro products saves your customers money and increases your profit. Includes attractive header card.

(4) 7-1031 - Salt Terminator - Quart
(2) 7-1032 - Salt Terminator - Gallon
(4) 7-1033 - Salt Terminator Kit - Quart
(2) 7-1088 - EZ-ON EZ-OFF Cleaner - Gal.
(4) 7-1090 - Formula Nine - Gallon
(4) 7-1089 - EZ-ON EZ-OFF Cleaner - Qt.
(4) 7-1091 - Formula Nine - 22 oz.
(4) 7-1093 - Boat Wash - Gallon
(4) 7-1095 - Deck Cleaner - Gallon
(4) 7-1097 - Hull Cleaner - Gallon
(4) 7-1099 - Bilge Cleaner - Gallon
(4) 7-1340 - Salt Terminator Spray - 12 oz.
(4) 7-2724 - Spider Stain Remover - 32 oz.
(4) 7-2728 - CSS Toilet Treatment - 32 oz.
(4) 7-2732 - Premium Wash & Wax - 32 oz.
(4) 7-2734 - Tough-Guy Wax - 16 oz.
(4) 7-2736 - Cleaner Wax - 16 oz.
(4) 7-2738 - Spray Fast Wax - 16 oz.
(4) 7-1084 - Black Streak/Fish Blood Remover - Gallon
(4) 7-1085 - Black Streak/Fish Blood Remover - 22 oz.
(4) 7-2720 - Clear Plastic Cleaner & Restorer - 22 oz.
(4) 7-2740 - Liquid Compound & Color Restorer - 16 oz.

7-2749 Display **$1,058.95 H**

Star Brite Floor Displays



Star Brite Mildew Odor Control Bags Floor Display

Use anywhere mildew odors are a problem. Eliminates musty odors. Formaldehyde free, nontoxic. Each bag protects 400 cu. ft. Will not harm humans, pets or the environment. Contains thirty-six (36) 2 unit pack boxes of Mildew Odor Control Bags (89900) in an attractive floor standing display.

460893 (89936) **$381.95 F**



Star Brite Sea Safe Floor Display

This eye-catching in-store display contains the entire lineup of Sea Safe products. Includes:

(12) 89738 - Sea Safe Hull Cleaner 32 fl. oz.
(12) 89732 - Sea Safe Boat Wash 32 fl. oz.
(6) 89739 - Sea Safe Deck Cleaner 32 fl. oz.
(6) 89737 - Sea Safe Wash and Wax 32 fl. oz.
(6) 89736 - Sea Safe Bilge Cleaner 32 fl. oz.
(6) 89722 - Sea Safe Degreaser 22 fl. oz.

624801 (89710) **$521.95 F**

Marpro Resin Displays



NEW ITEM

Marpro Epoxy Resin Display

This display includes the following:

(4) 6-7445 - ACETONE REPLACEMENT QT
(4) 6-7450 - 3014 ACETONE QUART 2#
(2) 6-7501 - 1750 40CC MEKP FOR GAL
(2) 6-7506 - 1125 RESIN VINYESTER GAL
(2) 6-7514 - 1020 RESIN PREMIUM W/WAX GL
(2) 6-7520 - 1380 EPOXY GLUE 2-.5 PT
(2) 6-7544 - 1720GN COLOR GREEN 1 OZ
(2) 6-7547 - 1720BN COLOR BROWN 1 OZ
(2) 6-7548 - 1720BL COLOR BLUE 1 OZ
(2) 6-7549 - 1720BK COLOR BLACK 1 OZ
(2) 6-7550 - 1720WH COLOR WHITE 1 OZ
(2) 6-7570 - 2315 MILLED FIBERS QT
(2) 6-7575 - 2160 MICRO BALLOON QUART
(2) 6-7579 - 2120 CABOSIL QUART
(2) 6-7581 - 4810 MICRO CELL FILLER QUART
(2) 6-7590 - 2420 FG CLOTH 38"" X 1 YD
(2) 6-7595 - 2510 WOVEN ROVING 1YD
(2) 6-7600 - 2360 FIBERGLASS MAT 1YD X38"
(4) 6-7621 - GELCOAT WHITE W/WAX QT
(2) 6-7622 - GELCOAT WHITE W/WAX GAL
(2) 6-7623 - 1540 GEL COAT NEUTRAL NO WAX
(4) 6-7625 - 1440 GELCOAT WHITE NO WAX QT
(2) 6-7626 - 1450 GELCOAT WHITE NO WAX GAL
(2) 6-7630 - 1965 WAX ADDITIVE F/1GAL GEL
(2) 6-7637 - 1640 WHITE PUTTY 1/2 PT
(2) 6-7640 - 5040 ALUM RESIN ROLLER 1/2X3
(4) 7-2510 - 4020 RESIN - QT
(2) 7-2512 - 4040 RESIN - .98GL
(4) 7-2520 - 4120 HARDENER .44PT
(2) 7-2522 - 4140 HARDENER .86QT
(4) 7-2528 - 4220 SLOW HARDENER .44PT
(2) 7-2530 - 4240 SLOW HARDENER .86QT
(2) 7-2550 - 4920 EXPOXY PUMPS (SET OF 3)
(2) - WIDE BASE SIGN HOLDER
(1) - LITERATURE PACK FOR RACK

6-7397 **$1,389.95 F**



NEW ITEM

Marpro Polyester Resin Display

This display includes the following:

(4) 6-7410 - 700197 RESIN BTYD NO WAX QUART
(2) 6-7411 - 700198 RESIN BTYD NO WAX GAL
(4) 6-7445 - ACETONE REPLACEMENT QUART
(4) 6-7450 - 3014 ACETONE QUART 2#
(2) 6-7451 - 3018 ACETONE GALLON 6.5#
(2) 6-7501 - 1750 40CC MEKP FOR GAL
(2) 6-7506 - 1125 RESIN VINYESTER GAL
(2) 6-7514 - 1020 RESIN PREMIUM W/WAX GAL
(2) 6-7520 - 1380 EPOXY GLUE 2-.5 PINT
(2) 6-7535 - 1230 RPR KIT POLYESTER RESIN
(2) 6-7544 - 1720GN COLOR GREEN 1 OZ
(2) 6-7547 - 1720BN COLOR BROWN 1 OZ
(2) 6-7548 - 1720BL COLOR BLUE 1 OZ
(2) 6-7549 - 1720BK COLOR BLACK 1 OZ
(2) 6-7550 - 1720WH COLOR WHITE 1 OZ
(2) 6-7570 - 2315 MILLED FIBERS QUART
(2) 6-7575 - 2160 MICRO BALLOON QUART
(2) 6-7579 - 2120 CABOSIL QUART
(2) 6-7581 - 4810 MICRO CELL FILLER QUART
(2) 6-7590 - 2420 FG CLOTH 38"" X 1 YD
(2) 6-7595 - 2510 WOVEN ROVING 1YD
(2) 6-7600 - 2360 FIBERGLASS MAT 1YD X38"
(2) 6-7620 - 1920 STYRENE PINT
(4) 6-7621 - GELCOAT WHITE W/WAX QUART
(2) 6-7622 - GELCOAT WHITE W/WAX GAL
(2) 6-7623 - 1540 GEL COAT NEUTRAL NO WAX
(4) 6-7625 - 1440 GELCOAT WHITE NO WAX QUART
(2) 6-7626 - 1450 GELCOAT WHITE NO WAX GAL
(2) 6-7630 - 1965 WAX ADDITIVE F/1GAL GEL
(2) 6-7637 - 1640 WHITE PUTTY 1/2 PINT
(2) 6-7640 - 5040 ALUM RESIN ROLLER 1/2X3
(2) WIDE BASE SIGN HOLDER
(1) LITERATURE PACK FOR RACK

6-7398 **$1,254.95 F**

Marpro Combo Resin Display



Marpro Combo Resin Display

This display includes the following:

(4) 6-7410 - 700197 RESIN BTYD NO WAX QT
(2) 6-7411 - 700198 RESIN BTYD NO WAX GL
(4) 6-7445 - ACETONE REPLACEMENT QT
(4) 6-7450 - 3014 ACETONE QUART 2#
(2) 6-7501 - 1750 40CC MEKP FOR GAL
(2) 6-7520 - 1380 EPOXY GLUE 2-.5 PT
(2) 6-7535 - 1230 RPR KIT POLYESTER RESIN
(2) 6-7544 - 1720GN COLOR GREEN 1 OZ
(2) 6-7547 - 1720BN COLOR BROWN 1 OZ
(2) 6-7548 - 1720BL COLOR BLUE 1 OZ
(2) 6-7549 - 1720BK COLOR BLACK 1 OZ
(2) 6-7550 - 1720WH COLOR WHITE 1 OZ
(2) 6-7575 - 2160 MICRO BALLOON QUART
(2) 6-7579 - 2120 CABOSIL QUART
(2) 6-7590 - 2420 FG CLOTH 38" X 1 YD
(2) 6-7595 - 2510 WOVEN ROVING 1YD
(2) 6-7600 - 2360 FIBERGLASS MAT 1YD X38"
(2) 6-7620 - 1920 STYRENE PINT
(4) 6-7621 - GELCOAT WHITE W/WAX QT
(2) 6-7622 - GELCOAT WHITE W/WAX GAL
(2) 6-7623 - 1540 GEL COAT NEUTRAL NO WAX
(2) 6-7630 - 1965 WAX ADDITIVE F/1GAL GEL
(2) 6-7637 - 1640 WHITE PUTTY 1/2 PT
(2) 6-7640 - 5040 ALUM RESIN ROLLER 1/2 X 3
(4) 7-2510 - 4020 RESIN - QT
(2) 7-2512 - 4040 RESIN - .98 GL
(4) 7-2520 - 4120 HARDENER .44 PT
(2) 7-2522 - 4140 HARDENER .86 QT
(4) 7-2528 - 4220 SLOW HARDENER .44 PT
(2) 7-2530 - 4240 SLOW HARDENER .86 QT
(2) 7-2550 - 4920 EXPOXY PUMPS (SET OF 3)
(2) WIDE BASE SIGN HOLDER
(1) LITERATURE PACK FOR RACK

6-7399 **$1,157.95 F**

Star Brite Star Tron Displays



Star Brite Star Tron Small Display - Gas Only

Contains: (24) 675848 (93008) Star Tron Gas Additive and (12) 675849 (93016) Star Tron Gas Additive.

431326 (93637) **$403.95 F**



Star Brite Star Tron Floor Display

Contains: (18) 675848 (93008) Star Tron Gas Additive, (8) 675849 (93016) Star Tron Gas Additive, (6) 675846 (93108) Star Tron Diesel Additive and (4) 675850 (93116) Star Tron Diesel Additive.

431324 (93636) **$428.95 F**

Contains: (24) 675848 (93008) Star Tron Gas Additive, (12) 675849 (93016) Star Tron Gas Additive, (24) 675846 (93108) Star Tron Diesel Additive, (12) 675850 (93116) Star Tron Diesel Additive and (6) 675852 (93664) Fuel Tank Cleaner.

431323 (93699) **$1,057.95 F**

Star Brite Star Tron Displays



NEW ITEM

Star Brite Star Tron Counter Top Display

Contains: (18) 675848 (93008) Star Tron Gas Additive and (6) 675846 (93108) Star Tron Diesel Additive.

431321 (93624) **$239.95 F**

Contains: (24) 675846 (93108) Star Tron Diesel Additive.

431322 (93626) **$277.95 F**

Marpro Paint Display

Marpro Paint Display

This display includes the following:

- (2) 7-2609 - 8101MP GL MARPRO SPRKTE GLD BLU GL
- (2) 7-2613 - 8102MP GL MARPRO SPRKTE GLD BLK GL
- (2) 7-2619 - 8601MP GL MARPRO HARD BLUE 45 GL
- (2) 7-2623 - 8602MP GL MARPRO HARD BLK 45 GL
- (2) 7-2610 - BY10020 MARPRO SPRKTE GLD BL QT
- (2) 7-2614 - BY10040 MARPRO SPRKTE GLD BLK QT
- (2) 7-2620 - BY10050 MARPRO HARD BLUE 45 QT
- (2) 7-2624 - BY10070 MARPRO HARD BLK 45 QT
- (2) 7-2629 - BY10080 MARPRO SPR-B GLD BLU GL
- (2) 7-2630 - BY10090 MARPRO SUPER-B GLD BL QT
- (2) 7-2633 - BY10120 MARPRO SPR-B GOLD BLK GL
- (2) 7-2634 - BY10130 MARPRO SUPR-B GLD BLK QT
- (2) 7-2635 - BY10140 SUPER-B ABLTV BLUE 45 GL
- (2) 7-2636 - BY10150 SUPER-B ABLTV BLUE 45 QT
- (2) 7-2639 - BY10180 SUPER-B ABLTV BLK 45 GL
- (2) 7-2640 - BY10190 SUPER-B ABLTV BLK 45 QT
- (4) 7-2663 - TOPSIDE "GOLD" WHITE QT
- (4) 7-2650 - 5145QT FISH BOAT GLOSS WHITE QT
- (2) 7-2659 - 5216QT FISH BOAT BLUE QT
- (2) 7-2657 - 5315QT FISH BOAT GREEN QT
- (2) 7-2653 - 5708QT FISH BOAT MED GRAY QT
- (2) 7-2655 - 5828QT FISH BOAT GLOSS BLK QT
- (2) 7-2670 - BY10200 MAR-PROTECT PRIMER GL
- (2) 7-1038 - 4-FMT/P FOAM CIGAR ROLLER 4" 2PK
- (2) 7-1039 - 6.5-FMT/P FOAM CIGAR RLR 6.5" 2PK
- (2) 7-1050 - 3DIY3MP ROLLER COVER 3" X 3/8
- (2) 7-1051 - 4DIY3MP ROLLER COVER 4" X 3/8
- (2) 7-1053 - 9DIY3MP ROLLER COVER 9" X 3/8
- (2) 7-1060 - 9030-1MP PAINT BRUSH 1"
- (2) 7-1061 - 9030-1.5MP PAINT BRUSH 1-1/2"
- (2) 7-1062 - 9030-2MP PAINT BRUSH 2"
- (2) 7-1063 - 9030-2.5MP PAINT BRUSH 2-1/2"
- (2) 7-1064 - 9030-3MP PAINT BRUSH 3"
- (1) PAINT DISPLAY HEADER SIGN
- (2) WIDE BASE SIGN HOLDER



7-2589 **$2,915.95 D**

Trident Marine Silicone and Rubber Elbows and Hump Hose Bellows



Hump Hose Reducer

Trident Marine

Silicone and Rubber Elbows and Hump Hose Bellows

Provide the ultimate flexible connectors for marine wet exhaust systems. They offer much greater tolerance to heat, misalignment, engine movement and vibration, with significant savings in cost, parts, labor and space. Highest max. continuous operating temps.

Molded Black Hi Temp: EPDM Rubber 250° F (121° C).

768101	(TRL690C)	90° Rubber Elbow	6″	**$141.95 H**
768119	(TRL890C)	90° Rubber Elbow	8″	**$321.95 H**
768121	(TRL645C)	45° Rubber Elbow	6″	**$123.95 H**
768133	(TRL845C)	45° Rubber Elbow	8″	**$340.95 H**
768169	(THH5C)	Hump Hose Bellow	5″	**$108.95 H**
768171	(THH6C)	Hump Hose Bellow	6″	**$117.95 H**
768183	(THH8C)	Hump Hose Bellow	8″	**$285.95 H**
768195	(THH10C)	Hump Hose Bellow	10″	**$324.95 H**
768234	(THHR65C)	Hump Hose Reducer	6″ to 5″	**$112.95 H**
768246	(THHR86C)	Hump Hose Reducer	8″ to 6″	**$252.95 H**
768258	(THHR108C)	Hump Hose Reducer	10″ to 8″	**$323.95 H**

Blue Very Hi Temp: Silicone 350° F (177° C).

768145	(290V6000C)	90° Silicone Elbow	6″	**$312.95 H**
768157	(240V6000C)	45° Silicone Elbow	6″	**$264.95 H**
768208	(272V6000C)	Hump Hose Bellow	6″	**$261.95 H**
768210	(272V8000C)	Hump Hose Bellow	8″	**$460.95 H**
768222	(272V10000C)	Hump Hose Bellow	10″	**$657.95 H**

Parker Hannifin 221 FR Transportation - Marine Fuel and Engine Hose



221 FR Transportion - Marine Fuel and Engine Hose

SAE J1527 Type A. Class I, USCG SAE J1942. Application: Gasoline, ethanol blends, diesel fuels, petroleum base hydraulic fluids and lubricating oils. Inner Tube: Synthetic rubber. Reinforcement: One braid steel wire. Cover: Synthetic rubber blue. Temp. Range: -4° F to +212° F. Fittings: 20, 22, 26 Series.

767650	(221FR-10-RL)	1/2″ Marine Fuel	**$16.95 G**
767662	(221FR-12-BX)	5/8″ Marine Fuel	**$22.95 G**
767674	(221FR-5-BX)	1/4″ Marine Fuel	**$13.95 G**
767686	(221FR-6-RL)	5/16″ Marine Fuel	**$13.95 G**
767698	(221FR-8-RL)	13/32″ Marine Fuel	**$14.95 G**

Field Attachable Fittings for 221 FR Hose



20120 Series



20122 Series

20120 Male NPTF Pipe - Rigid - Straight

766038	(20120-6-6)	Hose Size 3/8″	Pipe Size 3/8″	**$9.95 G**
766040	(20120-6-8)	Hose Size 1/2″	Pipe Size 3/8″	**$11.95 G**
766052	(20120-8-10)	Hose Size 5/8″	Pipe Size 1/2″	**$16.95 G**
766014	(20120-12-10)	Hose Size 5/8″	Pipe Size 3/4″	**$26.95 G**
766026	(20120-12-12)	Hose Size 3/4″	Pipe Size 3/4″	**$24.95 G**

20122 Male NPTF Pipe - Rigid - Straight

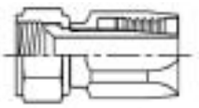
Brass fitting.

766064	(20122-4-5B)	Hose Size 5/16″	Pipe Size 1/4″	**$17.95 G**
766076	(20122-6-8B)	Hose Size 1/2″	Pipe Size 3/8″	**$20.95 G**

Field Attachable Fittings for 221 FR Hose



20620 Series



20622 Series

20620 Female JIC 37° - Swivel - Straight

766115	(20620-5-5)	5/16″	**$9.95 G**
766127	(20620-6-6)	3/8″	**$9.95 G**
766139	(20620-8-8)	1/2″	**$12.95 G**
766088	(20620-10-10)	5/8″	**$19.95 G**
766090	(20620-12-12)	3/4″	**$30.95 G**
766103	(20620-16-16)	1″	**$36.95 G**

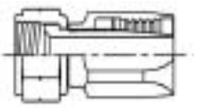
20622 Female JIC 37° - Swivel - Straight

Contains: A dual seat that accepts both the JIC and SAE male configurations. Brass fittings.

766165	(20622-5-5B)	5/16″	**$14.95 G**
766177	(20622-6-6B)	3/8″	**$16.95 G**
766189	(20622-8-8B)	1/2″	**$22.95 G**
766141	(20622-10-10B)	5/8″	**$32.95 G**
766153	(20622-12-12B)	3/4″	**$43.95 G**



20820 Series



20822 Series

20820 Female SAE 45° - Swivel - Straight

Notch on nut indicates SAE 45° flare.

766204	(20820-5-5)	5/16″	**$9.95 G**
766216	(20820-6-6)	3/8″	**$9.95 G**
766191	(20820-12-12)	3/4″	**$33.95 G**

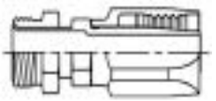
20822 Female SAE 45° - Swivel - Straight

Contains: A dual seat that accepts both the JIC and SAE male configurations. Brass fittings.

766242	(20822-5-5B)	5/16″	**$12.95 G**
766254	(20822-6-6B)	3/8″	**$17.95 G**
766228	(20822-10-10B)	5/8″	**$32.95 G**
766230	(20822-12-12B)	3/4″	**$43.95 G**

22820 Male Inverted SAE 45° - Swivel - Straight

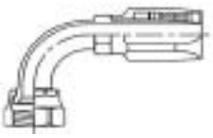
766266	(22820-5-5)	5/16″	**$17.95 G**
766278	(22820-6-6)	3/8″	**$16.95 G**
766280	(22820-8-8)	1/2″	**$20.95 G**





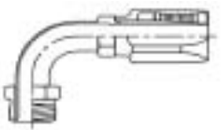
23720 Female JIC 37° - Swivel - 45° Elbow Short Drop

766305	(23720-8-8)	1/2″	**$41.95 G**
766317	(23720-10-10)	5/8″	**$25.95 G**



23920 Female JIC 37° - Swivel - 90° Elbow Short Drop

766331	(23920-6-6)	3/8″	**$32.95 G**
766343	(23920-8-8)	1/2″	**$29.95 G**
766329	(23920-10-10)	5/8″	**$34.95 G**

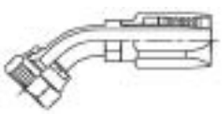


26720 Male Inverted SAE 45° - Swivel - 45° Elbow

766355	(26720-6-6)	3/8″	**$20.95 G**

26920 Male Inverted SAE 90° - Swivel - 45° Elbow

766367	(26920-6-6)	3/8″	**$21.95 G**



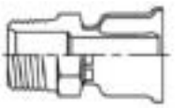
27720 Female SAE 45° - Swivel - 45° Elbow

766381	(27720-6-6)	3/8″	**$27.95 G**
766393	(27720-8-8)	1/2″	**$19.95 G**
766379	(27720-10-10)	5/8″	**$31.95 G**

27920 Female SAE 90° - Swivel - 90° Elbow

766406	(27920-6-6)	3/8″	**$24.95 G**
766418	(27920-8-8)	1/2″	**$29.95 G**

Crimp Fittings for 221 FR Hose (In Shop Only) • ABS Approved Series



10126 Male NPTF Pipe - Rigid - Straight

766470	(10126-4-6)	Thread 1/4″ x 18″	Hose 3/16″	**$5.95 G**
766494	(10126-6-6)	Thread 3/8″ x 18″	Hose 5/16″	**$7.95 G**
766519	(10126-6-8)	Thread 3/8″ x 18″	Hose 13/32″	**$6.95 G**
766557	(10126-8-8)	Thread 1/2″ x 14″	Hose 13/32″	**$8.95 G**
766533	(10126-8-10)	Thread 1/2″ x 14″	Hose 1/2″	**$13.95 G**
766456	(10126-12-12)	Thread 3/4″ x 14″	Hose 5/8″	**$13.95 G**

Brass fitting.

766482	(10126-4-6B)	Thread 1/4″ x 18″	Hose 3/16″	**$5.95 G**
766507	(10126-6-6B)	Thread 3/8″ x 18″	Hose 5/16″	**$8.95 G**
766521	(10126-6-8B)	Thread 3/8″ x 18″	Hose 13/32″	**$7.95 G**
766559	(10126-8-8B)	Thread 1/2″ x 14″	Hose 13/32″	**$7.95 G**
766545	(10126-8-10B)	Thread 1/2″ x 14″	Hose 1/2″	**$14.95 G**
766468	(10126-12-12B)	Thread 3/4″ x 14″	Hose 5/8″	**$11.95 G**

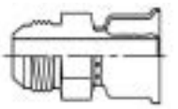


10626 Female JIC 37° - Swivel - Straight

767066	(10626-6-6)	Thread 9/16″ x 18″	Hose 5/16″	**$7.95 G**
767042	(10626-12-12)	Thread 1-1/16″ x 12″	Hose 5/8″	**$19.95 G**

Brass fitting.

767078	(10626-6-6B)	Thread 9/16″ x 18″	Hose 5/16″	**$8.95 G**
767054	(10626-12-12B)	Thread 1-1/16″ x 12″	Hose 5/8″	**$19.95 G**

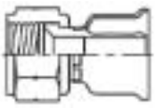


10326 Male JIC 37° - Rigid - Straight

766850	(10326-6-6)	Thread 9/16″ x 18″	Hose 5/16″	**$8.95 G**
766874	(10326-8-8)	Thread 3/4″ x 16″	Hose 13/32″	**$10.95 G**
766836	(10326-10-10)	Thread 7/8″ x 14″	Hose 1/2″	**$18.95 G**

Brass fitting.

766862	(10326-6-6B)	Thread 9/16″ x 18″	Hose 5/16″	**$7.95 G**
766886	(10326-8-8B)	Thread 3/4″ x 16″	Hose 13/32″	**$8.95 G**
766848	(10326-10-10B)	Thread 7/8″ x 14″	Hose 1/2″	**$15.95 G**



10826 Female SAE 45° - Swivel - Straight

767294	(10826-6-6)	Thread 5/8″ x 18″	Hose 5/16″	**$7.95 G**
767282	(10826-12-12)	Thread 1-1/16″ x 12″	Hose 5/8″	**$20.95 G**



13726 Female JIC 37° - Swivel 45° - Elbow Short Drop

767369	(13726-6-6)	Thread 3/16″ x 18″	Hose 5/16″	**$15.95 G**
767371	(13726-8-8)	Thread 3/4″ x 16″	Hose 13/32″	**$16.95 G**
767345	(13726-10-10)	Thread 7/8″ x 14″	Hose 1/2″	**$23.95 G**
767357	(13726-12-12)	Thread 1-1/16″ x 12″	Hose 5/8″	**$34.95 G**

Parker Hannifin 422 Worldwide Hose



422 Worldwide Hose

ISO 1436-1 Type 1SN/SAE 100R1 Type AT/EN 853 Type 1SN. Application: Petroleum base hydraulic fluids and lubricating oils. Inner Tube: Nitrile. Reinforcement: One braid steel wire. Cover: Synthetic rubber. Temp. Range: -40° F to +212° F. Fittings: 42, 43, 48 Series.

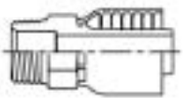
767701	(422-12-RL)	Hose 3/4″ ID	**$6.95 G**
767713	(422-16-BX)	Hose 1″ ID	**$9.95 G**
767725	(422-4-BX)	Hose 1/4″ ID	**$3.95 G**
767737	(422-6-RL)	Hose 3/8″ ID	**$3.95 G**
767749	(422-8-RL)	Hose 1/2″ ID	**$3.95 G**



10343 Male JIC 37° - Rigid - Straight

766937	(10343-4-4)	Thread 7/16″ x 20″	Hose 1/4″	**$5.95 G**
766949	(10343-6-4)	Thread 9/16″ x 18″	Hose 1/4″	**$6.95 G**
766951	(10343-6-6)	Thread 9/16″ x 18″	Hose 3/8″	**$6.95 G**
766963	(10343-8-6)	Thread 3/4″ x 16″	Hose 3/8″	**$7.95 G**
766975	(10343-8-8)	Thread 3/4″ x 16″	Hose 1/2″	**$8.95 G**
766901	(10343-10-8)	Thread 7/8″ x 14″	Hose 1/2″	**$10.95 G**
766898	(10343-10-10)	Thread 7/8″ x 14″	Hose 5/8″	**$13.95 G**
766913	(10343-12-12)	Thread 1-1/16″ x 12″	Hose 3/4″	**$12.95 G**
766925	(10343-16-12)	Thread 1-5/16″ x 12″	Hose 3/4″	**$18.95 G**

Crimp Fittings for 422 Worldwide Hose • ABS Approved



10143 Male NPTF Pipe - Rigid - Straight

766646	(10143-4-4)	Thread 1/4″ x 18″	Hose 1/4″	**$5.95 G**
766660	(10143-4-6)	Thread 1/4″ x 18″	Hose 3/8″	**$5.95 G**
766684	(10143-6-4)	Thread 3/8″ x 18″	Hose 1/4″	**$5.95 G**
766696	(10143-6-6)	Thread 3/8″ x 18″	Hose 3/8″	**$5.95 G**
766711	(10143-6-8)	Thread 3/8″ x 18″	Hose 1/2″	**$6.95 G**
766672	(10143-6-10)	Thread 3/8″ x 18″	Hose 5/8″	**$23.95 G**
766747	(10143-8-4)	Thread 1/2″ x 14″	Hose 1/4″	**$7.95 G**
766759	(10143-8-6)	Thread 1/2″ x 14″	Hose 3/8″	**$7.95 G**
766761	(10143-8-8)	Thread 1/2″ x 14″	Hose 1/2″	**$6.95 G**
766735	(10143-8-12)	Thread 1/2″ x 14″	Hose 3/4″	**$13.95 G**
766608	(10143-12-8)	Thread 3/4″ x 14″	Hose 1/2″	**$11.95 G**
766583	(10143-12-12)	Thread 3/4″ x 14″	Hose 3/4″	**$11.95 G**
766610	(10143-16-12)	Thread 1″ x 11-1/2″	Hose 3/4″	**$18.95 G**
766622	(10143-16-16)	Thread 1″ x 11-1/2″	Hose 1″	**$25.95 G**

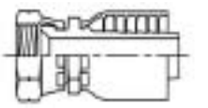
Stainless steel fitting.

766658	(10143-4-4C)	Thread 1/4″ x 18″	Hose 1/4″	**$56.95 G**
766709	(10143-6-6C)	Thread 3/8″ x 18″	Hose 3/8″	**$65.95 G**
766595	(10143-12-12C)	Thread 3/4″ x 14″	Hose 3/4″	**$118.95 G**
766634	(10143-16-16C)	Thread 1″ x 11-1/2″	Hose 1″	**$197.95 G**



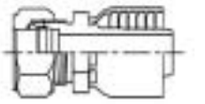
13743 Female JIC 37° - Swivel 45° Elbow Short Drop

767410	(13743-4-4)	Thread 7/16″ x 20″	Hose 1/4″	**$15.95 G**
767422	(13743-6-6)	Thread 9/16″ x 18″	Hose 3/8″	**$16.95 G**
767434	(13743-8-8)	Thread 3/4″ x 16″	Hose 1/2″	**$17.95 G**
767383	(13743-10-8)	Thread 7/8″ x 14″	Hose 1/2″	**$26.95 G**
767395	(13743-12-12)	Thread 1-1/16″ x 12″	Hose 3/4″	**$34.95 G**
767408	(13743-16-16)	Thread 1-5/16″ x 12″	Hose 1″	**$54.95 G**



10843 Female SAE 45° - Swivel - Straight

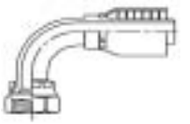
767319	(10843-6-6)	Thread 5/8″ x 18″	Hose 3/8″	**$7.95 G**
767307	(10843-12-12)	Thread 1-1/16″ x 14″	Hose 3/4″	**$16.95 G**



11143 Male Ferulok Flareless - Rigid - Straight

24° cone with nut and ferrule.

767321	(11143-6-6)	Thread 9/16″ x 18″	Hose 3/8″	**$11.95 G**
767333	(11143-8-8)	Thread 3/4″ x 16″	Hose 1/2″	**$14.95 G**



13943 Female JIC 37° - Swivel 90° Elbow Short Drop

767523	(13943-4-4)	Thread 7/16″ x 20″	Hose 1/4″	**$14.95 G**
767535	(13943-6-4)	Thread 9/16″ x 18″	Hose 1/4″	**$16.95 G**
767547	(13943-6-6)	Thread 9/16″ x 18″	Hose 3/8″	**$16.95 G**
767559	(13943-8-6)	Thread 3/4″ x 16″	Hose 3/8″	**$18.95 G**
767561	(13943-8-8)	Thread 3/4″ x 16″	Hose 1/2″	**$19.95 G**
767515	(13943-12-12)	Thread 1-1/16″ x 12″	Hose 3/4″	**$33.95 G**

Parker Hannifin 811 HT Suction and Return Hose - High Temp



811 HT Suction and Return Hose - High Temp

SAE 100R4. Application: Petroleum base hydraulic fluids and lubricating oils. Inner Tube: Synthetic rubber. Reinforcement: Multiple layers of fiber spiral and one helical reinforcing wire. Cover: Synthetic rubber, MSHA accepted. Temp. Range: -40° F to +257° F. Fittings: 81, 88 Series.

767838	(811HT-16)	Hose 1″ ID	3″ Min. Bend Radius	**$10.95 G**
767840	(811HT-20)	Hose 1-1/4″ ID	4″ Min. Bend Radius	**$15.95 G**
767852	(811HT-24)	Hose 1-1/2″ ID	5″ Min. Bend Radius	**$20.95 G**

10081 Crimp Shell 81 Series Hose Fittings

766420	(10081-16)	Thread 1″ x 11-1/2″	Hose 1″	**$4.95 G**
766432	(10081-20)	Thread 1-1/4″ x 11-1/2″	Hose 1-1/4″	**$4.95 G**
766444	(10081-24)	Thread 1-1/2″ x 11-1/2″	Hose 1-1/2″	**$15.95 G**

Parker Hannifin 451TC Hydraulic Hose



451TC Hydraulic Hose - No Skive

Hydraulic - Tough Cover. SAE 100R17. Application: Petroleum base hydraulic fluids and lubricating oils. Inner Tube: Synthetic rubber. Reinforcement: One or two braid steel wire. Cover: Synthetic rubber abrasion resistant, MSHA accepted. Temp. Range: -40° F to +212° F. Fittings: 43 Series.

767775	(451TC-4-BX)	Hose 1/4" ID	**$4.95 G**
767787	(451TC-6-RL)	Hose 3/8" ID	**$4.95 G**
767799	(451TC-8-RL)	Hose 1/2" ID	**$5.95 G**
767751	(451TC-10-RL)	Hose 5/8" ID	**$7.95 G**
767763	(451TC-12-RL)	Hose 3/4" ID	**$10.95 G**

10643 Female JIC 37° - Swivel - Straight

767131	(10643-4-4)	Thread 7/16" x 20"	Hose 1/4"	**$5.95 G**
767143	(10643-4-6)	Thread 7/16" x 20"	Hose 3/8"	**$8.95 G**
767155	(10643-6-4)	Thread 9/16" x 18"	Hose 1/4"	**$6.95 G**
767167	(10643-6-6)	Thread 9/16" x 18"	Hose 3/8"	**$6.95 G**
767179	(10643-6-8)	Thread 9/16" x 18"	Hose 1/2"	**$18.95 G**
767181	(10643-8-6)	Thread 3/4" x 16"	Hose 3/8"	**$7.95 G**
767193	(10643-8-8)	Thread 3/4" x 16"	Hose 1/2"	**$8.95 G**
767105	(10643-10-8)	Thread 7/8" x 14"	Hose 1/2"	**$9.95 G**
767080	(10643-10-10)	Thread 7/8" x 14"	Hose 5/8"	**$15.95 G**
767092	(10643-10-12)	Thread 7/8" x 14"	Hose 3/4"	**$17.95 G**
767117	(10643-12-12)	Thread 1-1/16" x 12"	Hose 3/4"	**$14.95 G**
767129	(10643-16-16)	Thread 1-5/16" x 12"	Hose 1"	**$29.95 G**

Parker Hannifin 772TC Hydraulic Hose

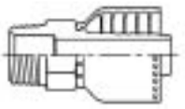


772TC Hydraulic Hose - No Skive

Hydraulic - Tough Cover. SAE 100R12 - EN 856 Tye R12. ISO 3862-1 Type R12. Application: Petroleum base hydraulic fluids and lubricating oils. Inner Tube: Nitrile. Reinforcement: Four spiral steel wire. Cover: Synthetic rubber abrasion resistant, MSHA accepted. Temp. Range: -40° F to +257° F. Fittings: 71 Series.

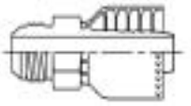
767826	(772TC-8)	Hose 1/2" ID	**$12.95 G**
767802	(772TC-12-BX)	Hose 3/4" ID	**$16.95 G**
767814	(772TC-16-BX)	Hose 1" ID	**$20.95 G**

Crimp Fittings for 772TC Hydraulic Hose



10171 Male NPTF Pipe - Rigid - Straight

766824	(10171-8-8)	Thread 1/2" x 14"	Hose 1/2"	**$17.95 G**
766785	(10171-12-8)	Thread 3/4" x 14"	Hose 1/2"	**$25.95 G**
766773	(10171-12-12)	Thread 3/4" x 14"	Hose 3/4"	**$19.95 G**
766797	(10171-16-12)	Thread 1" x 11-1/2"	Hose 3/4"	**$19.95 G**
766800	(10171-16-16)	Thread 1" x 11-1/2"	Hose 1"	**$30.95 G**
766812	(10171-20-16)	Thread 1-1/4" x 11-1/2"	Hose 1"	**$53.95 G**



10371 Male JIC 37° - Rigid - Straight

767030	(10371-8-8)	Thread 3/4" x 16"	Hose 1/2"	**$20.95 G**
766987	(10371-10-8)	Thread 7/8" x 14"	Hose 1/2"	**$22.95 G**
766999	(10371-12-12)	Thread 1-1/16" x 12"	Hose 3/4"	**$39.95 G**
767004	(10371-16-12)	Thread 1-5/16" x 12"	Hose 3/4"	**$43.95 G**
767016	(10371-16-16)	Thread 1-5/16" x 12"	Hose 1"	**$47.95 G**
767028	(10371-20-16)	Thread 1-5/8" x 12"	Hose 1"	**$60.95 G**



10671 Female HIC 37° - Swivel - Straight

767270	(10671-8-8)	Thread 3/4" x 16"	Hose 1/2"	**$23.95 G**
767218	(10671-10-8)	Thread 7/8" x 14"	Hose 1/2"	**$30.95 G**
767206	(10671-10-12)	Thread 7/8" x 14"	Hose 3/4"	**$31.95 G**
767220	(10671-12-12)	Thread 1-1/16" x 12"	Hose 3/4"	**$22.95 G**
767232	(10671-12-16)	Thread 1-1/16" x 12"	Hose 1"	**$43.95 G**
767244	(10671-16-12)	Thread 1-5/16" x 12"	Hose 3/4"	**$36.95 G**
767256	(10671-16-16)	Thread 1-5/16" x 12"	Hose 1"	**$32.95 G**
767268	(10671-20-16)	Thread 1-5/8" x 12"	Hose 1"	**$66.95 G**



13771 Series



13971 Series

13771 Female JIC 37° - Swivel - 45° Elbow Short Drop

767460	(13771-8-8)	Thread 3/4" x 16"	Hose 1/2"	**$30.95 G**
767446	(13771-12-12)	Thread 1-1/16" x 12"	Hose 3/4"	**$59.95 G**
767458	(13771-16-16)	Thread 1-5/16" x 12"	Hose 1"	**$78.95 G**

13971 Female JIC 37° - Swivel - 90° Elbow Short Drop

767597	(13971-8-8)	Thread 3/4" x 16"	Hose 1/2"	**$30.95 G**
767573	(13971-12-12)	Thread 1-1/16" x 12"	Hose 3/4"	**$57.95 G**
767585	(13971-16-16)	Thread 1-5/16" x 12"	Hose 1"	**$84.95 G**

Duracooler™

by DURAMAX® MARINE

Quality 90/10 Cupro-Nickel.

Rectangular tubing, resistant to salt, water corrosion and sea growth.

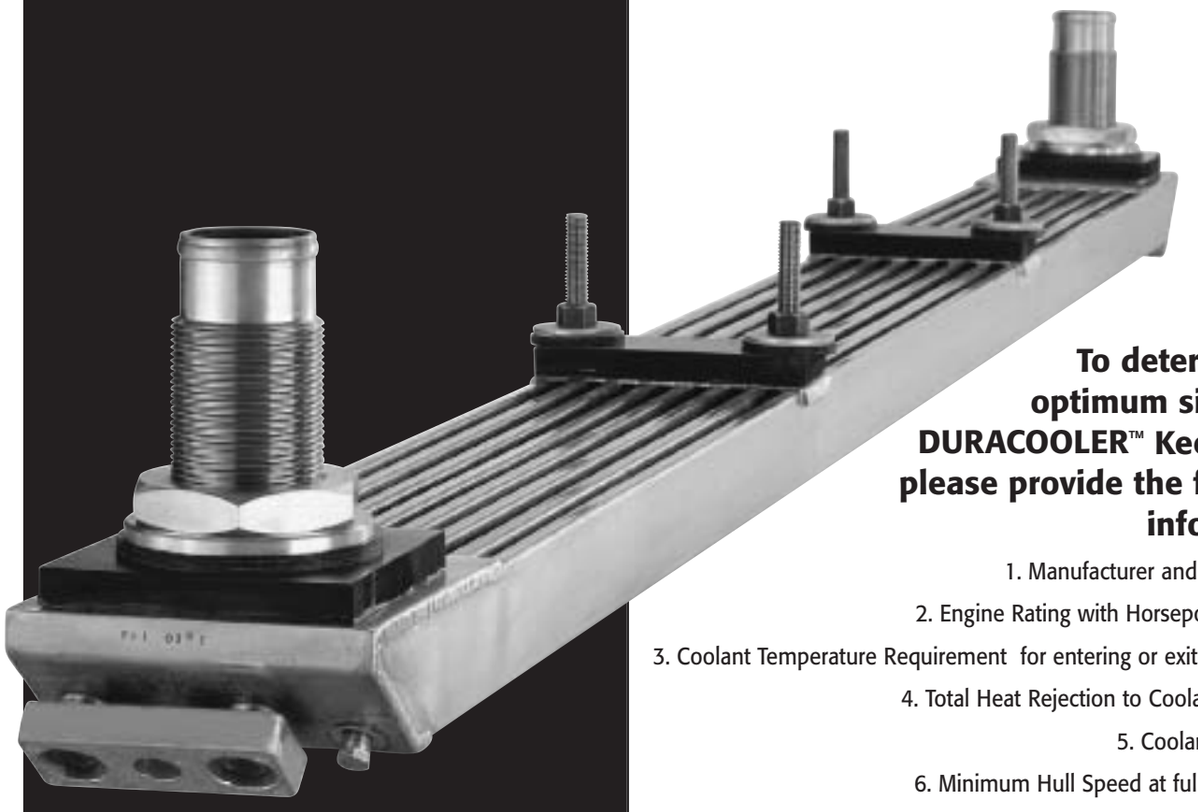
Superior heat transfer. Compact, one piece.

Through-hull type fittings.

Available in a wide range of models and different tubing sizes.

Engineered for fast, economical, simplified installation.

Custom sized to your engine specifications and operational requirements.



To determine the optimum sizing of a DURACOOLER™ Keel Cooler, please provide the following information:

1. Manufacturer and Engine Model
2. Engine Rating with Horsepower and RPM
3. Coolant Temperature Requirement for entering or exiting the engine
4. Total Heat Rejection to Coolant (BTU/min.)
5. Coolant Flow (GPM)
6. Minimum Hull Speed at full RPM (knots)
7. Maximum Ambient Seawater Temperature
8. Will Anti-Freeze Be Used
9. Dry or Wet Manifolds

DuraCooler - New Flanged- Mount Design

Looks like other keel coolers - look closer!

In the commercial marine industry you need every competitive advantage you can get. That's why we've developed the DuraCooler - one of the most innovative keel coolers on the market today. Sure DuraCooler looks like other keel coolers, but look a little closer. DuraCooler's unique streamlined header design enhances internal coolant and external seawater flow while reducing system pressure drop. the new design also provides optimum heat transfer efficiency in a smooth tube design, resulting in smaller keel cooler units and a reduction in cooling system costs. Onrepower, replacement or retrofits, this increased cooling capacity within the same installation footprint provides the vessel owner an additional cooling safety factor.

No more through hulls for keel cooler installations

Now the streamlined DuraCooler design is available in a flanged-mount connection design. The new flanged-mounted connection is obtained by means of a cupronickel flange afixed to the top of the DuraCooler header and a mild ASTM steel flange, supplied with the cooler. Weld a schedule 80 steel pipe to the steel flange supplied with the DuraCooler unit, and bolt the cupronickel flange to the steel flange using the supplied hardware. Extend the pipe through the hull and fillet weld the pipe to the hull on both sides. Rest easy knowing that you no longer have a through hull penetration with this design.

No more special tools

With the standard nozzle and nut keel cooler attachment method, it can be difficult to access the nut inside the hull. Additionally, with this design you do not have to fabricate a special mounting nut wrench. It is not longer necessary. All standard flanged-mount hardware is located outside the vessel where it is easier to access. Use tools found in a typical toolbox.

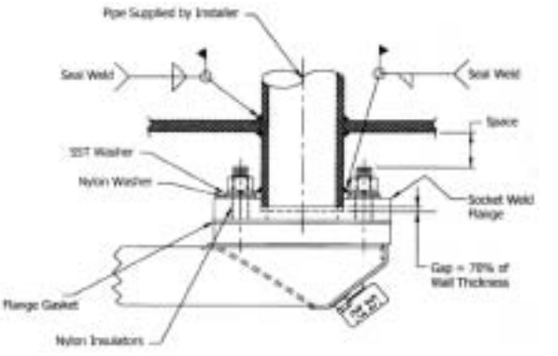
Perfect for double hull designs

So you are designing or building a vessel with a double hull. Standard through hull keel cooler nozzles may not be long enough to penetrate both hulls. The flanged-mount design is ideal.



Features/Benefits

- **No through-hull connections** - If a flanged mounted DuraCooler is knocked off the vessel, you won't need to worry about flooding the vessel.
- **No need to fabricate special tools for installation** which will save time and money on installation costs.
- **Space savings inside hull** - If the area inside the hull is tight or equipment makes the internal nut on the through hull fitting inaccessible, the flanged-mount design is ideal
- **Eliminates the need for a cofferdam or seachest** which will save time and money on installation costs.
- **Keel cooler research and development program** - We test actual DuraCoolers and competitive keel coolers under various operating conditions. This data is used to create more accurate recommendations.
- **Simplified Installation** when mounting hardware cannot be easily accessed from the interior of the vessel or for double hull installations.
- **Streamlined header design** allows for less internal pressure drop of coolant flowing through the keel cooler. External water travels more quickly to tubes increasing the heat transfer efficiency to the cooler.



Information for Sizing Duracooler Engine Keel Cooler

Duracooler™

Donovan Representative: _____

Customer: _____ Customer Number: _____

Contact: _____

Phone Number: _____ Fax Number: _____

Name of Vessel/Hull #: _____ Cooler Installation: New_____ or Retrofit _____

Hull Dimensions: Length: _____ft. Beam: _____ ft. Draft: _____ft.

*Minimum speed at which full HP will be developed: _____ knots.

*Expected maximum ambient sea water temperature: _____ deg. F.

Use of Vessel: _____ (Push boat, crewboat, OSV, trawler, tug, etc.)

Main engines: Quantity:_____, *Manufacturer:_____, *Model: _____

*HP: , _____*RPM: , _____*Exhaust: Wet _____ or Dry _____, *Turbocharger (Y/N):_____

*Specify tier of engine: _____

Location of cooler(s): _____ (bottom or side of hull)

Single or double pass cooler preferred: _____

Manufacturer of gear (if gear is to be cooled): _____ Model: _____

Reduction:_____ /1, If Reintjes gear provide water pump flow GPM

Other engines to be cooled:

Generator:

*Manufacturer: _____, *Model: _____, *RPM : _____, *KW: _____

*Specify tier of engine: _____

Bow Thruster:

*Manufacturer: _____, *Model: _____, *HP: _____, *RPM: _____

*Specify tier of engine: _____

Stern Thruster:

*Manufacturer: _____, *Model: _____, *HP: _____, *RPM: _____

*Specify tier of engine: _____

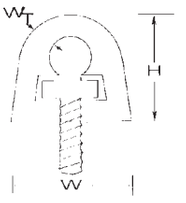
Compressor or other special application:

Application: _____

*Manufacturer: _____, *Model: _____, *HP: _____, *RPM: _____

Comments:

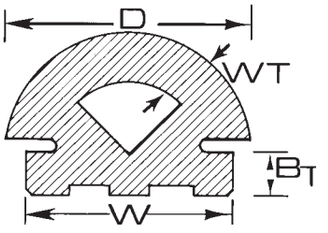
Johnson Duramax Products Commercial Bumpers





Special Handling May Apply

DMI #	MFG #	Color	Base Width (W)	Height (H)	Wall Thickness (WT)	Wt./ft.	Length	Price/ft.
428006	DB-50	Black	2-1/8"	2"	7/16"	1.3 lbs.	20'	**$8.95 E**
428020	DB-75	Black	3-1/8"	2-7/8"	11/16"	2.8 lbs.	20'	**$16.95 E**
428056	DB-100	Black	4-1/4"	3-7/8"	3/4"	4.6 lbs.	20'	**$30.95 E**



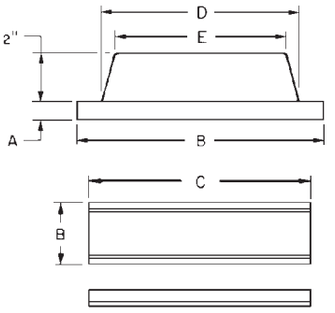


Special Handling May Apply

DMI #	MFG #	Color	Base Width (W)	Outside Dia. (D)	Base Thickness (BT)	Wall Thickness (WT)	Wt./ft.	Length	Price
428119	DB-503	Black	2-1/2"	3"	17/32"	5/8"	2.5 lbs.	20'	**$18.95 E**
428157	DB-504	Black	3-3/4"	4-1/4"	25/32"	3/4"	3.2 lbs.	20'	**$20.95 E 20F**

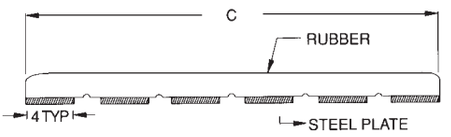
Johnson Duramax Tow Knee Pusher Plates

	Single – Steel Plate			Rubber		
DMI #	Thickness (A)	Width (B)	Length (C)	Base Width (D)	Surface Width (E)	Approx. Wt. Per Unit
428575	3/4"	10"	36"	8"	7"	90 lbs.
428563	1/2"	10"	36"	8"	7"	65 lbs.
428551	1/4"	10"	36"	8"	7"	50 lbs.
428614	3/4"	13-1/2"	36"	11-1/4"	10-1/4"	130 lbs.
428602	1/2"	13-1/2"	36"	11-1/4"	10-1/4"	90 lbs.

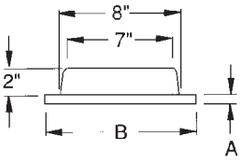


Special Handling May Apply

Johnson Duramax Modular Bumper



	Modular (DB19091) – Steel Plate			Rubber		
DMI #	Thickness (A)	Width (B)	Length (C)	Base Width (D)	Surface Width (E)	Approx. Wt. Per Unit
428804	1/2"	10"	35-1/2"	8"	7"	53 lbs.

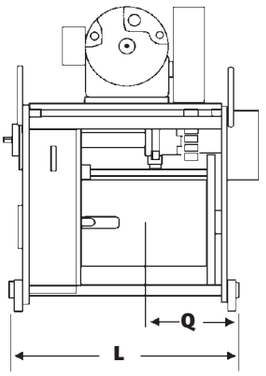


Special Handling May Apply

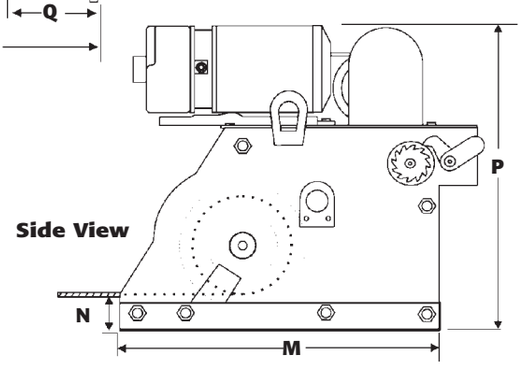
Ten Models From 20 to 75 Ton Shock Load Capacity

Electric Winch Specifications

*MFG #	Shock Load Capacity	Maximum Pull	Maximum Speed	Rated Line Pull	Manual Ratios	Base	Drum Dimensions	Weight Dia.	Electric Motors
WWP20E-3-6L/R	40,000 lbs.	16,000 lbs.	14 fpm	5,200 lbs.	20:1 298:1	35" x 15"	8-5/8"	800 lbs.	3 HP, 3 Phase 60 Hz, 230/460V
WWP20EX-3-6L/R	40,000 lbs.	12,000 lbs.	19 fpm	3,800 lbs.	20:1 220:1	35" x 15"	8-5/8"	800 lbs.	3HP, 3 Phase 60 Hz, 230/460V
WWP30E-3-10L/R	60,000 lbs.	15,000 lbs.	13 fpm	5,400 lbs.	20:1 380:1	35" x 19"	10"	950 lbs.	3HP, 3 Phase 60 Hz, 230/460V
WWP30E-5-10L/R	60,000 lbs.	20,000 lbs.	17 fpm	6,600 lbs.	20:1 280:1	35" x 19"	10"	950 lbs.	5HP, 3 Phase 60 Hz, 230/460V
WWP40E-5-14L/R	80,000 lbs.	24,000 lbs.	15 fpm	8,000 lbs.	16:1 325:1	37" x 25"	10"	1,300 lbs.	5HP, 3 Phase 60 Hz, 230/460V
WWP40E-7.5-14L/R	80,000 lbs.	25,000 lbs.	22 fpm	8,400 lbs.	16:1 222:1	37" x 25"	10"	1,300 lbs.	7.5HP, 3 Phase 60 Hz, 230/460V
WWP65E-7.5-14L/R	130,000 lbs.	36,000 lbs.	16 fpm	11,000 lbs.	24:1 422:1	40" x 25"	14"	2,000 lbs.	7.5HP, 3 Phase 60 Hz, 230/460V
WWP65E-10-14L/R	130,000 lbs.	30,000 lbs.	26 fpm	9,800 lbs.	24:1 264:1	40" x 25"	14"	2,000 lbs.	10HP, 3 Phase 60 Hz, 230/460V
WWP75E-10-10L/R	150,000 lbs.	36,000 lbs.	22 fpm	12,000 lbs.	20:1 215:1	45" x 22"	16"	2,500 lbs.	10HP, 3 Phase 60 Hz, 230/460V



Left Hand Unit, Rear View



Side View

528162 (WWP40E-75-14L)	Left Hand	40 Ton	**Price on Request**
528163 (WWP40E-75-14R)	Right Hand	40 Ton	**Price on Request**
528147 (WWP40E-5-14L)	Left Hand	40 Ton	**Price on Request**
528161 (WWP40E-5-14R)	Right Hand	40 Ton	**Price on Request**
528135 (WWP30E-5-10L)	Left Hand	30 Ton	**Price on Request**
528138 (WWP30E-5-10R)	Right Hand	30 Ton	**Price on Request**
528173 (WWP20E-3-6L)	Left Hand	20 Ton	**Price on Request**
528185 (WWP20E-3-6R)	Right Hand	20 Ton	**Price on Request**

* Special winches available

Electric Winch Drum Capacities and Winch/Workboat Sizing

MFG #	Drum Capacities and Maximum Recommended Wire Rope Dia.	For Use on Workboats with Maximum Horsepower of:
WWP20E-3-6L/R	100' of 3/4"	Up to 800
WWP20EX-3-6L/R	100' of 3/4"	Up to 800
WWP30E-3-10L/R	65' of 7/8"	800 to 1,300
WWP30E-5-10L/R	65' of 7/8"	800 to 1,300
WWP40E-5-14L/R	100' of 1"	1,300 to 5,600
WWP40E-7.5-14L/R	100' of 1"	1,300 to 5,600
WWP65E-7.5-14L/R	100' of 1"	1,300 to 5,600
WWP65E-10-14L/R	150' of 1-1/8"	5,600 to 10,000
WWP75E-10-10L/R	150' of 1-1/8" & 125' of 1-1/4"	5,600 to 10,000

Electric Winch Dimensions

MFG #	L	M	N	P	Q
WWP20E-3-6L/R	15"	35"	5-1/2"	32-3/4"	5-13/16"
WWP20EX-3-6L/R	15"	35"	5-1/2"	32-3/4"	5-13/16"
WWP30E-3-10L/R	19"	35"	4-7/8"	32-3/4"	8-13/16"
WWP30E-5-10L/R	19"	35"	4-7/8"	34-1/4"	8-13/16"
WWP40E-5-14L/R	24-1/2"	37"	4"	38-1/2"	9-3/16"
WWP40E-7.5-14L/R	24-1/2"	37"	4"	40-3/4"	9-3/16"
WWP65E-7.5-14L/R	25-3/4"	40"	5-1/2"	48"	10-3/4"
WWP65E-10-14L/R	25-3/4"	40"	5-1/2"	48"	10-3/4"
WWP75E-10-10L/R	22-1/4"	45"	8-1/4"	52"	8"

Special Handling May Apply

Our Completely Redesigned Line Means Safer, More Efficient, OSHA – Compliant Winches

Series – 50B Features:

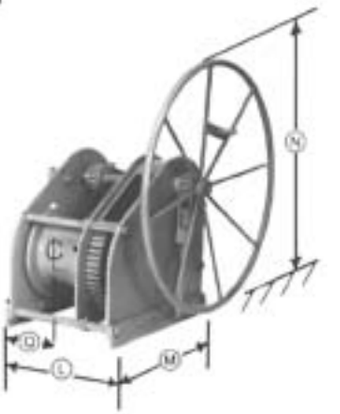
1. Full-size rope guard surrounds gearing; prevents fouling wire rope.
2. Complete operating instructions on gear shroud.
3. "Second to none" rope-securement method lays first coil snugly against drum flange; promotes better spooling.
4. Pull-up ratchet and extension bar provide ultrahigh tension.
5. All new brake-lock design keeps our famous safety-release feature, but now friction-disc replacement is fast and simple.
6. Hinged gear should protects gearing, yet allows easy access for lubrication.
7. Ratchet lock and cam assembly makes release under high tension easiest an safest of all.
8. High gear ratio makes tightening easier.
9. Lubrication is simplified with grease fittings at all friction points.
10. Dished handwheel with spinner speeds slack take-up.
11. Angle foot-mounts with bolt-down holes available.

528100	(WWP20M-6)	20 Ton	Left	**Price on Request**
528200	(WWP20M-6)	20 Ton	Right	**Price on Request**
528220	(WWP40M-11)	40 Ton	Left	**Price on Request**
528221	(WWP40M-11)	40 Ton	Right	**Price on Request**
528225	(WWP40M-12)	40 Ton-Galvanized	Left	**Price on Request**
528226	(WWP40M-12)	40 Ton-Galvanized	Right	**Price on Request**

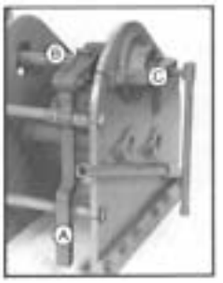
PATTERSON







Manual Operations



Pull-up
With ratchet eccentric lever **A** in vertical position, pull up load with handwheel. Ratchet dog **B** will override, holding load at all points. When load is tight, lock clutch-type brake **C**.



Release
Pull ratchet eccentric lever **A** out to horizontal position. This drops dog out of engagement while load is held by brake. Lift out dog **B**, then control release with vise handle **D**.

Manual Winch Dimensions

MFG #	L	M	N	Q
WWP20M-6	15"	27-3/4"	33-1/2"	6"
WWP20M-6	15"	27-3/4"	37-1/2"	5-1/2"
WWP40M-11	21-1/2"	29"	43"	6-3/4"
WWP40M-11	25-3/4"	39"	49"	10-1/2"

Manual Winch Specifications

Special Handling May Apply

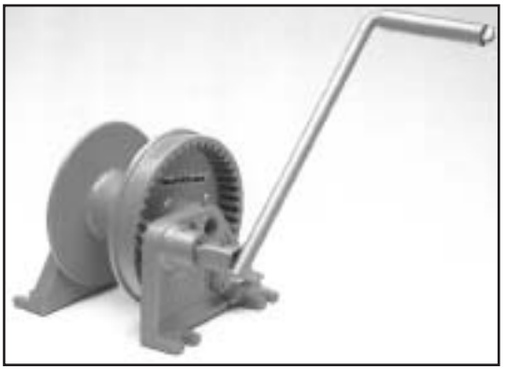
MFG #	Shock Load Capacity	Drum Dia. & Length	Handwheel Diameter	Deck to Bare Drum	Drum Capacities and Max. Recommended Wire Rope Diameters	Typical Line Tension with 100 lbs. Effort on Handwheel	Typical Maximum Tension by One Man	Weight
WWP20M-6	40,000 lbs.	8-5/8" x 7"	28"	5-3/4"	100' of 3/4"	5,000 lbs.	9,000 lbs.	600 lbs.
WWP20M-6	60,000 lbs.	10-3/4" x 6"	36"	3-3/4"	60' of 7/8"	5,400 lbs.	12,000 lbs.	700 lbs.
WWP40M-11	80,000 lbs.	10-3/4" x 11"	42"	4"	70' of 1"	5,400 lbs.	14,000 lbs.	950 lbs.
WWP40M-11	130,000 lbs.	14" x 14"	48"	5-1/4"	150' of 1-1/8"	7,000 lbs.	17,000 lbs.	1,800 lbs.

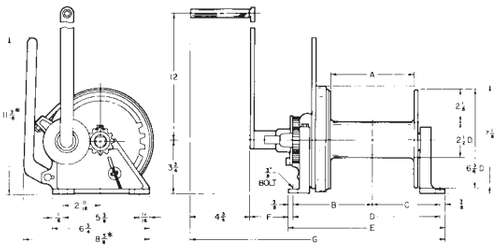
Electric Winches Features:

NEMA 4 Dings Brake. Thermostatically protected motor. Machined alloy gearing. Electric self-adjusting, spring-loaded brake. Mechanical locking dog for emergency use in case of electric brake failure. Heavy-duty roller chain and sprockets. Heavy-duty roller bearings and high-strength phosphor bronze bearings. 230/460V-3 Phase-60Hz NEMA Design D motors. 208V or other special motors available. Bolted keeper plate allows fast, easy shaft removal. Rope and gear guards protect wire rope and enclose the gearing.

528145	(WP40E-7.514)	40 Ton	Right	**Price on Request**
528146	(WP40E-7.514)	40 Ton	Left	**Price on Request**

Wintech Spur-Gear "Handi-Winch®" Series





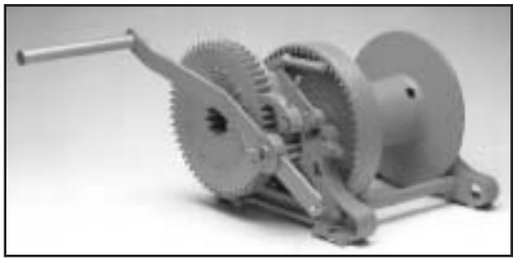
1/2 Ton with Brake

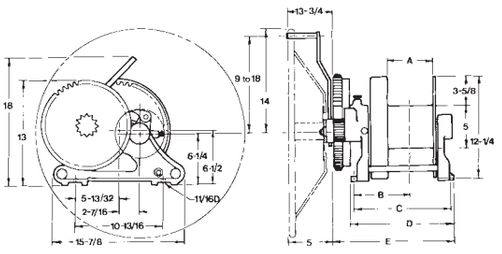
Price On Request

Wintech Spur-Gear "Handi-Winch®" Series
1/2 US Ton winching capacity. Designed to offer a portable hand winch for light lifting, lowering, holding, moving or securing rated loads. Standard features: Cast steel drum. Ductile iron frame. Cast bronze spur gear pinion. Spring operated load holding dogs. Single direction on models equipped with lowering brakes. Two drum widths: 3 or 6 inches. Suitable for marine environment. Gear ratio: 5.25:1. Drum capacities: 1/8" at 367'. 3/16" at 151'. 1/4" at 89'. 5/16" at 54'. **Note:** Not recommended for power applications.

DMI #	Model #	A	B	C	D	E
752041	AM3B	3"	4-7/32"	3-9/32"	7-1/2"	8-1/4"
Special	BM6B	1 Ton Capacity with Brake				

Wintech Spur-Gear Series





5 Ton with Brake

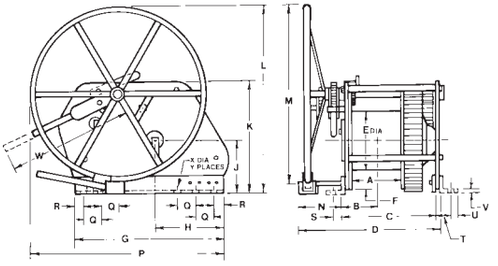
Price On Request

Wintech Spur-Gear Series
5 US Ton winching capacity. All steel hand winches are designed for marine duty and industrial use. Standard features: Cast steel drums and ring gear. Steel load bearing components, cast steel frames. Replaceable bronze bushings. One piece fully adjustable 14" long steel operating handle with pinion. Spring loaded holding dog with release handle. Hand operated, adjustable holding brake. Easy free spooling. Two speed gear change offers fast cable take up and easier winching. Gear ratio: 4:1/24:1. Drum capacities: 3/8" at 358'. 7/16" at 284'. 1/2" at 220'. 5/8" at 123'. **Note:** Not recommended for power operation.

752091 (HMB) Winch with Hand Crank
752097 (HMBW) Winch with Wheel Crank
752095 (HMBWB14-0014) Winch with Pedestal and Wheel Crank

DMI #	Model #	A	B	C	D	E
752091	HM8	8"	7-7/8"	13-7/8"	15-3/8"	17-3/4"
752095	HM8W	8"	7-7/8"	13-7/8"	15-3/8"	17-3/4"
752093	LM6	6"	2 Ton Capacity with Brake			

Wintech Low-Profile Barge Winches





Wintech Low-Profile Barge Winches

Built to last, this low profile manualy powered single speed barge winch keeps the cable low on the "bitts" and the deck. Standard features: Addtional tightening power from ratchet lever bar. Quick release holding dog, automatically disengages when not in use. Spinner knob on hand wheel for fast slack line take-up. Steel gear guard provides operator protection; prevents slack cable from fouling gears. Foot brakes control and prevent overrunning and birdnesting of wire rope. Gear ratio: 14:1. Drum diameter 10-3/4".

Price On Request

DMI #	Model	A	B	C	D	E	F	G	H	J	K	L	M
752018	20 Ton – Left Hand												
752022	20 Ton – Right Hand												
752003	40 Ton – Right Hand	9"	7-3/8"	17-7/8"	27-7/8"	10-3/4"	3-5/8"	28"	12-1/4"	21"	21"	34-1/2"	32"
752015	40 Ton – Left Hand	9"	7-3/8"	17-7/8"	27-7/8"	10-3/4"	3-5/8"	28"	12-1/4"	21"	21"	34-1/2"	32"

DMI #	N	P	Q	R	S	T	U	V	W	X	Y
752003	9-3/8"	37-1/2"	4"	3"	1"	2-1/8"	1"	1/2"	53-1/2"	13/16"	10"
752015	9-3/8"	37-1/2"	4"	3"	1"	2-1/8"	1"	1/2"	53-1/2"	13/16"	10"

Special Handling May Apply

Wintech Standard Upright Barge Winches



Special Handling May Apply

Price On Request

Wintech Standard Upright Barge Winches

Electric powered 40 US Ton holding capacity. Designed to protect operator profits by speeding up tow makeup and breakdown. Down time and maintenance are kept to a minimum due to design simplicity and use of superior material. Standard features: Fully reversing crane and hoist duty motors that are totally enclosed. Control from pilot house or deck. Drum guard prevents slack cable from fouling gears. Hand wheel for operaton in the event of power loss. Rated pull capacity: 6,400 lbs. Stall pull capacity: 17,500 lbs. Hand pull capacity: 20,000 lbs. Electric brake holding: 55,000 lbs. Dog holding: 50,000 lbs. Line speed - no load: 35 fpm. Line speed - rated pull: 31 fpm. 7.5 HP. Phase cycle, volts: 230/460-3-60. Drum diameter 10".

752027 (341L-RC) Left Hand
752039 (341L-RC) Right Hand

Winch Specification Sheet

Type of Winch:

Towing Tugger Anchor Fishing Other

Winch Performance Requirements:

Max. Line Pull _____ lbs. @ Line Speed of _____

Min. Line Pull _____ lbs. @ Line Speed of _____

Point on Drum where max. Line Pull occurs: Bare Drum Mid Drum Full Drum

Brake: Failsafe/Automatic Manual

Clutch: Yes No

Cable Requirements:

Cable Diameter: _____ Cable Length: _____

Cable Type: _____ Min. Bending Dia.: _____

Winch Power Requirements:

Winch Drive: Electric Hydraulic Other

If Electric, what is the power supplied: _____

Certifications:

What certification, if any, is required:

ABS Lloyd's DNV USCG Other

Any additional information:

_____

_____

_____

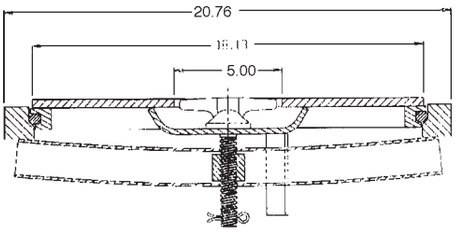
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Flush, Watertight Hatch Assemblies

18" Clear Opening – 63 lbs.

Piece Number	Name	DMI #	Material
1	Cover Assembly	**310526**	Mild Steel
	Galv. Cover Only	**310540**	
2	Mounting Ring	**310514**	Mild Steel
	Galv. Ring Only	**310541**	
3	Strong Back	**312405**	Mild Steel
4	Tee Handle	**312002**	Stainless Steel
5	Nut	**312037**	Brass
6	Gasket	**312102**	Neoprene O-ring
7	Washer	**312051**	Neoprene Flat

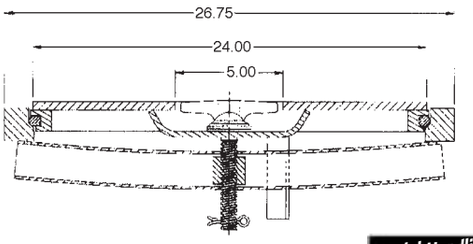


310538 Finish – Painted Steel **Price On Request**
310539 Finish – Galvanized **Price On Request**
Similar to Nabrico Part No. DF-430-18.

Special Handling May Apply

24" Clear Opening – 100 lbs.

Piece Number	Name	DMI #	Material
1	Cover Assembly		Mild Steel
2	Mounting Ring		Mild Steel
3	Strong Back	**312431**	Mild Steel
4	Tee Handle	**312002**	Stainless Steel
5	Nut	**312037**	Brass
6	Gasket	**312114**	Neoprene O-ring
7	Washer	**312051**	Neoprene Flat



310564 Finish – Painted Steel **Price On Request**
Similar to Nabrico Part No. DF-430-24.

Special Handling May Apply

Flush, Watertight Single Bolt Manholes

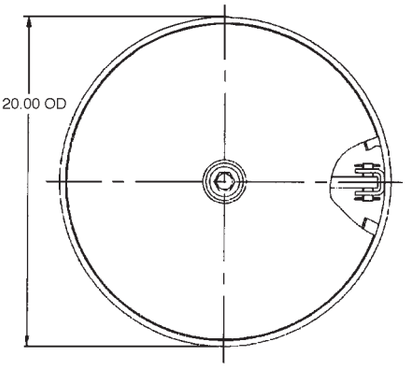
Prices On Request

310590 20" Flush, Watertight Single Bolt Manhole
Clear Opening: 17-3/4". Outside dimension: 20".
Similar to Centex Drawing #301-20

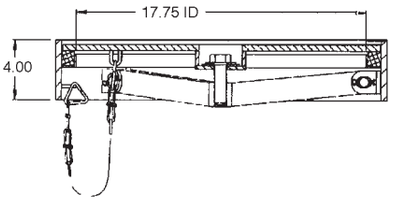
312417 20" Strong Back for Single Bolt Manhole

310603 22" Flush, Watertight Single Bolt Manhole
Clear Opening: 19-3/4". Outside dimension: 22".
Similar to Centex Drawing #301-22

312429 22" Strong Back for Single Bolt Manhole



Replacement Gasket for Manholes
312152 Replacement Gasket for 20" Manholes **Price On Request**
312164 Replacement Gasket for 22" Manholes **Price On Request**

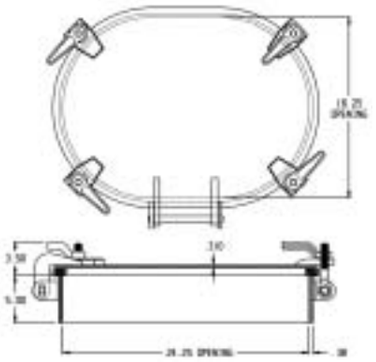


Hardware Kit for Single Bolt Manholes
312253 Hardware Kit **Price On Request**

Special Handling May Apply

Raised, Watertight Hatch Assemblies

4 Dog Raised Hatch - 18" x 24" ROT



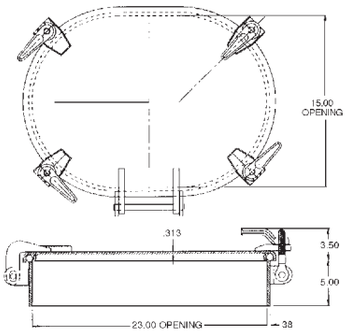


Special Handling May Apply

Piece Number	Name	DMI #	Material
1	Cover		Mild Steel
2	Coaming		Mild Steel
3	Gasket		Neoprene
4	Tumble Bolt	**312203**	Bronze
5	Dog Handle	**312227**	Malleable Iron
6	Locking Hasp	**312102**	Mild Steel

310605 (UMC-464-5) 18" x 24" Stainless Steel **Price On Request**
310906 (HDB-1824-5) 18" x 24" **Price On Request**
Similar to Nabrico Part No. DF-464-5 and Centex Drawing 208.

Dimensions: 15" x 23" x 5"



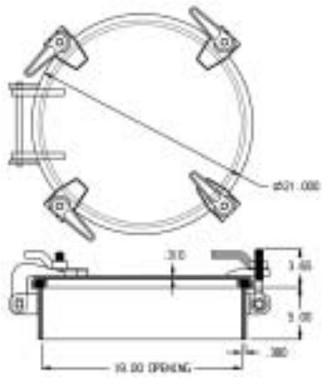
Special Handling May Apply

Piece Number	Name	DMI #	Material
1	Cover		Mild Steel
2	Coaming		Mild Steel
3	Gasket	**312140**	Neoprene
4	Tumble Bolt	**312203**	Bronze
5	Dog Handle	**312227**	Malleable Iron
6	Locking Hasp		Mild Steel

310893 (HDB-1523-5) 15" x 23" **Price On Request**
Similar to Nabrico Part No. DF-174-5 and Centex Drawing 208.

Raised, Watertight Hatch Assembly

4 Dog Hatch - 19" ROT





Special Handling May Apply

Piece Number	Name	DMI #	Material
1	Cover Assembly		Mild Steel
2	Coaming Assembly		Mild Steel
3	Gasket		Neoprene
4	Tumble Bolt	**312203**	Bronze
5	Dog Handle	**312227**	Malleable Iron
6	Locking Hasp		Mild Steel

310604 (UMC-343-5) Stainless Steel **Price On Request**
310855 (HDB-20) **Price On Request**
Similar to Nabrico Part No. DF-343-5 and Centex Drawing 404.

Hatch Assembly Accessories


312241

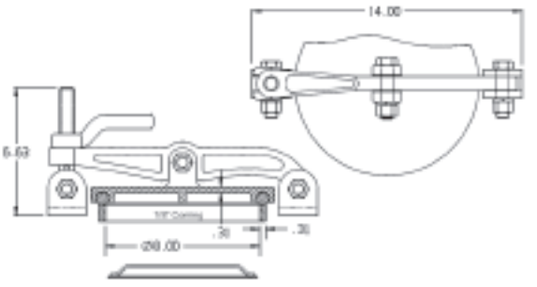

312203


312227

Tumble Bolt/Parts – Manganese Bronze

312227	(DB17744)	Handle	**$22.95 B**
312203	(DB10774)	Eye Bolt 5-1/4" x 3/4"	**$16.95 B**
312241	(DB17876)	Wing Nut 3/4" Thread	**$36.95 B**
312342	(03800-205A)	Eye Bolt 1/2" x 6"	**$14.95 B**
312354	(03800-206A)	Wing Nut 1/2" Thread	**$10.95 B**

Stainless Steel Ullage with Stainless Screen

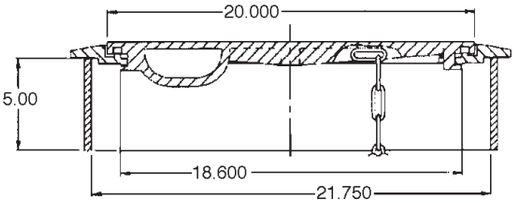


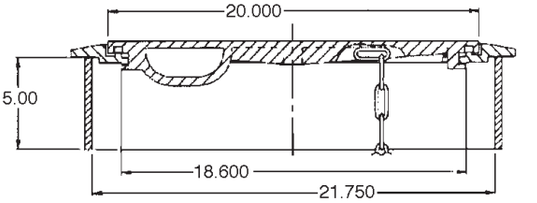


310606 (UMC-144) 8" x 7/8" **Price On Request**

Flush, Watertight Hatches

18" Twist Lock



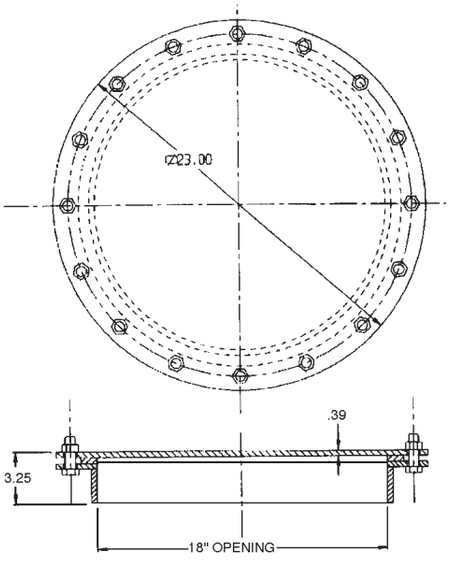


Special Handling May Apply

DMI #	Similar to Nabrico #	Description		
310502	DF-474	(HTL-18)	Flush Mount	**Price On Request**
310503	DF-474-5	(HTL-18-5)	With 5" Coaming*	**Price On Request**

*May be mounted flush or raised.

Clean Out Hatch Assemblies

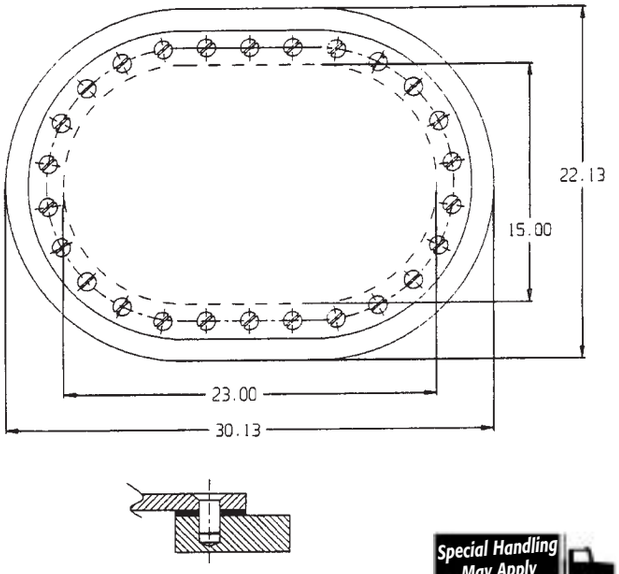


Special Handling May Apply

Piece Number	Name	DMI #	Material
1	Cover Plate		Mild Steel
2	Coaming		Steel
3	Ring Gasket		Neoprene
4	5/8 Bolt		Steel
5	5/8 Nuts		Brass

310716 (HMB-18-25) 18" **Price On Request**
Similar to Nabrico Part No. DF-154-18 and Centex Drawing 308.

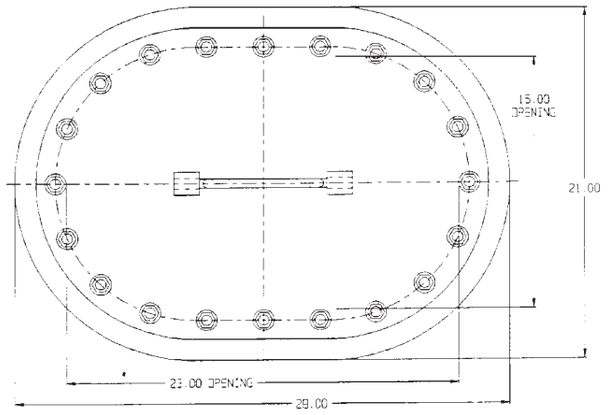
Watertight Manhole Covers, Flush Multi-bolt

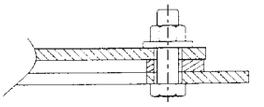


Special Handling May Apply

310627 Clear Opening – 15" x 23"
Similar to Centex Drawing 303.

Price On Request



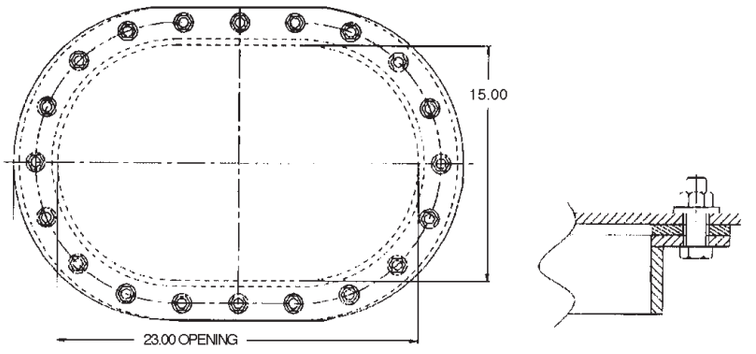


Special Handling May Apply

310653 Clear Opening – 15" x 23"
310665 Clear Opening – 18" x 24"
Similar to Centex Drawing 300.

Price On Request
Price On Request

Raised, Bolted Plate Manhole



Special Handling May Apply

310730 Clear Opening – 15" x 23"
Similar to Nabrico Part No. DF-501 and Centex Drawing 302.

Price On Request

Baier Round Lift-Out Hatch

Prices On Request

All Baier Hatches use the patented strongback system of securing the hatch cover to the deck. It is superior to other more complicated hatch closure systems because it is simple (only three moving parts), it is stronger, it is more reliably watertight, and it is more easily serviced (parts are readily available and replaced in the field).

Each hatch has an underside escape turning bar for safety. An underside turning wheel is optional.

The deck ring is available in galvanized mild steel (for welding into steel decks), or cast aluminum (for welding into aluminum decks or bolting to fiberglass or wood decks).



Special Handling May Apply

Baier Round Lift-Out Hatch
This is available in 14", 16", 18", 20" and 24" clear opening. Available in cast aluminum or galvanized steel (Model BFHR).

Baier Hinged Hatches with Built-in T-Handle



Special Handling May Apply

Baier Hinged Hatches with Built-in T-handle
These are flush mounted and designed for quick release with a grab handle. The hinges are recessed to prevent tripping.

243458	15" x 24"	Aluminum Hatch with Aluminum Ring	**$854.95 B**
243460	15" x 24"	Aluminum Hatch with Steel Ring	**$991.95 B**

Baier Square Flush Hatches with Built-in T-Handle

Prices On Request



243465



243470

Special Handling May Apply

Baier Square Flush Hatch with Built-in T-Handle
The 24" x 24" (610mm x 610mm) square Baier Flush Hatch with a built in T-Handle is available with a lift-out cover or a hinged cover. All Baier Hatches use the patented strongback system of securing the hatch cover to the deck. It is superior to other more complicated hatch closure systems because it is simple (only three moving parts), it is stronger, it is more reliably watertight, and it is more easily serviced (parts are eadily available and replaced in the field). Each hatch has an underside escape turning bar for safety. An underside turning wheel is optional. The Cover is available in cast aluminum. The deck ring is available in galvanized mild steel (for welding into steel decks), or cast aluminum (for welding into aluminum decks or bolting to fiberglass or wood decks). Coamings are optional. Clear opening: 24" x 24". Cover diameter: 26" x 26". Deck cut out: 26-1/2" x 26-1/2".

243465 24 x 24 Aluminum Hatch with Ring	**Price On Request**
243466 24 x 24 Aluminum Hatch with Steel Ring	**Price On Request**
243470 24 x 24 Aluminum Hatch with Ring, Hinged	**Price On Request**

Baier Lift-Out Flush Hatches with Built-in T-Handle





Special Handling May Apply

Baier Lift-Out Flush Hatches with Built in T-Handle
These are available in 20" round and 15" x 24" oval shapes. Each hatch has an underside escape turning bar for safety.

243410 15" x 24" Aluminum Hatch with Aluminum Ring	**$754.95 B**
243422 15" x 24" Aluminum Hatch with Steel Ring	**$653.95 B**
243434 20" Aluminum Hatch with Aluminum Ring	**$754.95 B**
243446 20" Aluminum Hatch with Steel Ring	**$653.95 B**
243484 Cover Gasket for 20" and 15" x 24" Aluminum Hatch	**$67.95 B**

Baier Lift-Out Dogged Type Hatches with Built-in T-Handle



243488



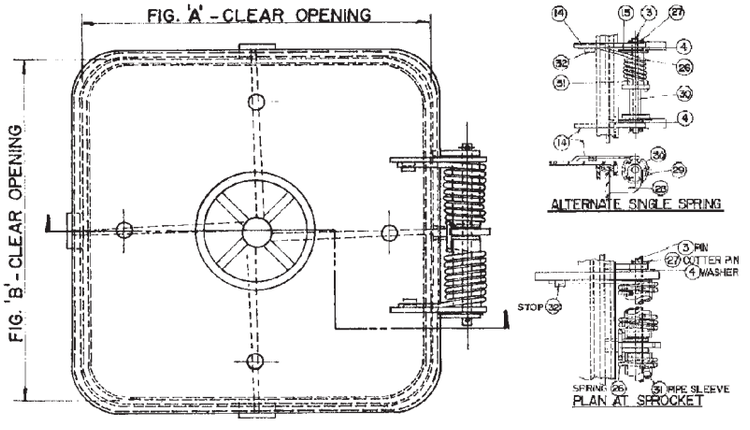
243496

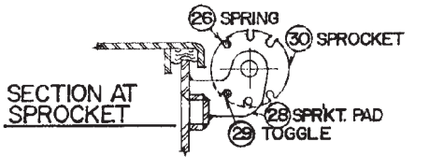
Baier Lift-Out Dogged Type Hatch with Built-in T-Handle

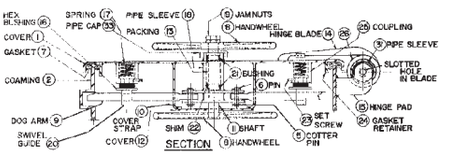
BAIER Aluminum Hatches. Lightweight but strong. Multi-Dog "Cam Lock" positive engagement locking system. All weather seal, Drop in replacement for all standard 20" and 15" x 24" deck rings.

243488 20" Quick Acting, T-Handle, Aluminum with Steel Ring	**$797.95 B**
243493 20" Quick Acting, T-Handle, Aluminum with Aluminum Ring	**$839.95 B**
243496 15" x 24" Quick Acting, T-Handle, Aluminum with Steel Ring	**$797.95 B**
243498 15" x 24" Quick Acting, T-Handle, Aluminum with Aluminum Ring	**$839.95 B**

Replacement Hinge and Spring Assembly for Centex #202





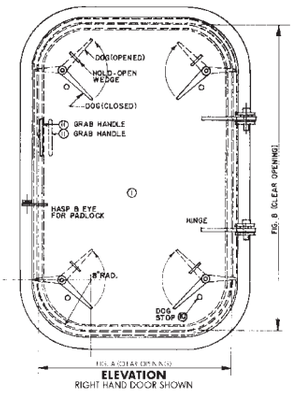


Replacement Hinge and Spring Assembly for Centex #202

279352 (HR202) **$749.00 A**

Commercial Watertight Doors – All Steel

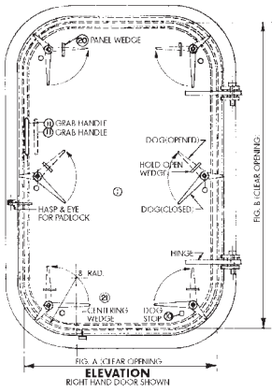
Call for Prices



Special Handling May Apply

Commercial Watertight Doors
4 Dog. Standard. Similar to Centex Drawing 101.

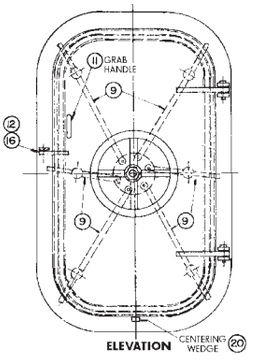
312859	26 x 54	Right Hand
312861	26 x 54	Left Hand
312873	26 x 60	Right Hand
312885	26 x 60	Left Hand
312897	30 x 60	Right Hand
312900	30 x 60	Left Hand



Special Handling May Apply

Commercial Watertight Doors
6 Dog. ABS. Similar to Centex Drawing 102.

313128	26 x 60	Right Hand
313130	26 x 60	Left Hand
313180	30 x 60	Right Hand
313192	30 x 60	Left Hand
313205	30 x 66	Right Hand
313217	30 x 66	Left Hand
313229	30 x 72	Right Hand
313231	30 x 72	Left Hand



Special Handling May Apply

Commercial Quick Acting Watertight Doors
6 Dog. ABS. Similar to Centex Drawing 104.

313255	26 x 60	Right Hand
313267	26 x 60	Left Hand
313279	30 x 60	Right Hand
313281	30 x 60	Left Hand
313293	30 x 66	Right Hand
313306	30 x 66	Left Hand
313318	30 x 72	Right Hand
313320	30 x 72	Left Hand

Accessories for Steel and Aluminum Doors

Door Dogs for Steel and Aluminum Doors

313510	Steel LH	**$70.95 B**
313522	Steel RH	**$70.95 B**
313558	Stainless Steel LH	**$116.95 B**
313562	Stainless Steel RH	**$116.95 B**
279314	Aluminum LH	**$83.95 B**
279338	Aluminum RH	**$83.95 B**

Steel Handwheels for Steel Doors

313700	12"	Clockwise	**$32.95 B**
313712	12"	Counter Clockwise	**$32.95 B**
313748	15-1/2"	Clockwise	**$46.95 B**
313750	15-1/2"	Counter Clockwise	**$46.95 B**

Replacement Door Gaskets

427903	Size: 3/4" x 1"	100' Lengths Only	**$4.95/ft.**
427941	Size: 3/4" x 1-1/4"	100' Lengths Only	**$5.95/ft.**

Replacement Accessories

279340	Replacement Door Hinge Pin Kit	**$23.50 A**
279358	Replacement Shim for Watertight Door Dog	**$3.19 A**
279364	Replacement Nylon Door Dog Bushing	**$7.14 A**

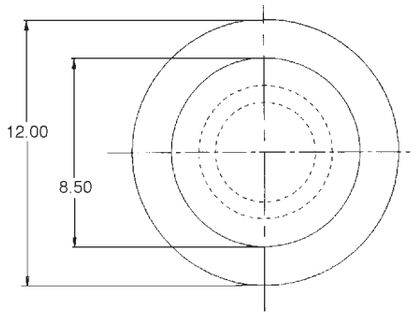


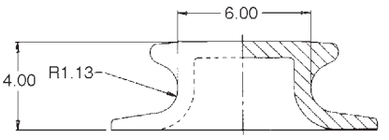
Handwheel



Door Dog

Button Chocks



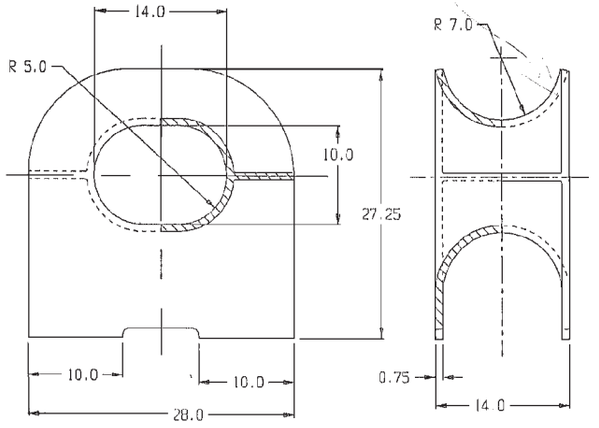


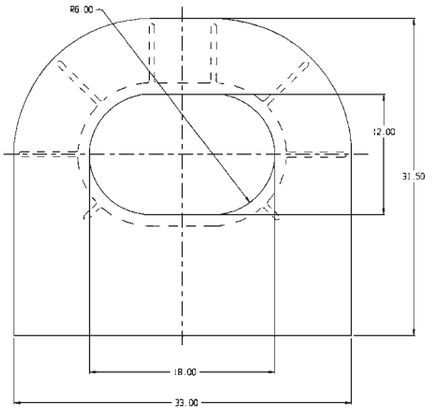
Special Handling May Apply

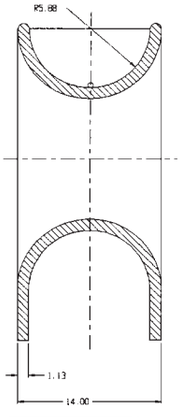
Button Chocks

309751	(BC-6) 6"	53 lbs.	**Price On Request**
309763	(BC-8) 8"	75 lbs.	**Price On Request**
309787	(BC-10) 10"	136 lbs.	**Price On Request**

Panama Chocks





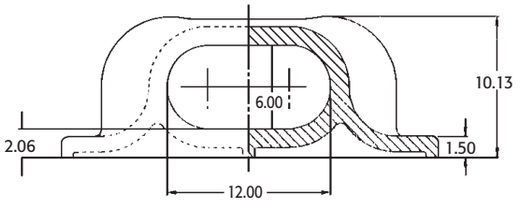


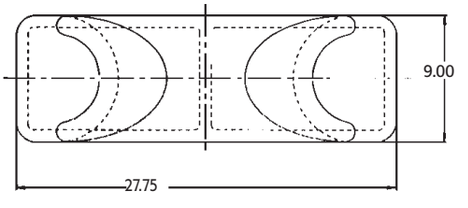
Special Handling May Apply

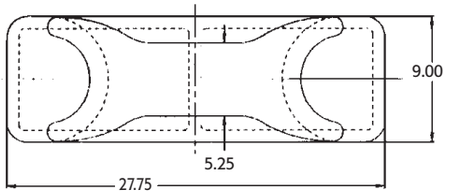
Panama Chocks

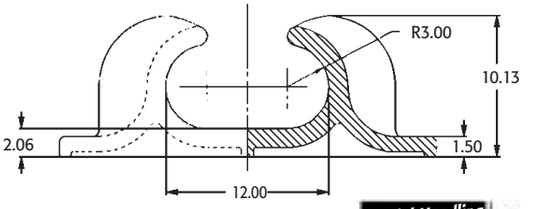
310401	(PC-1014)	10" x 14" Panama Chock	**Price On Request**
310415	(PC-1218)	12" x 18" Panama Chock	**Price On Request**

Closed Chocks and Open Chocks









Special Handling May Apply

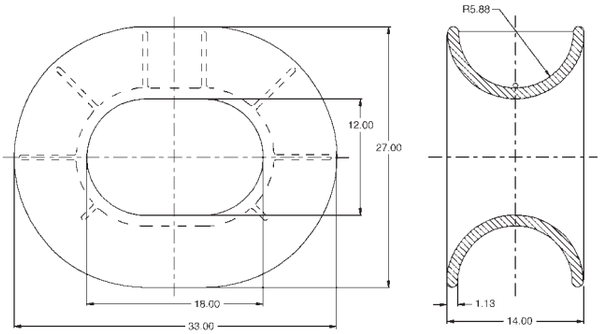
Closed Chocks

310273	(CC-9) 9"		**Price On Request**
310297	(CC-12) 12"		**Price On Request**
310312	(CC-14) 14"		**Price On Request**

Open Chocks

310259	(OC-09) 9"		**Price On Request**
310261	(OC-12) 12"		**Price On Request**

Mooring Eye - 12" x 18"

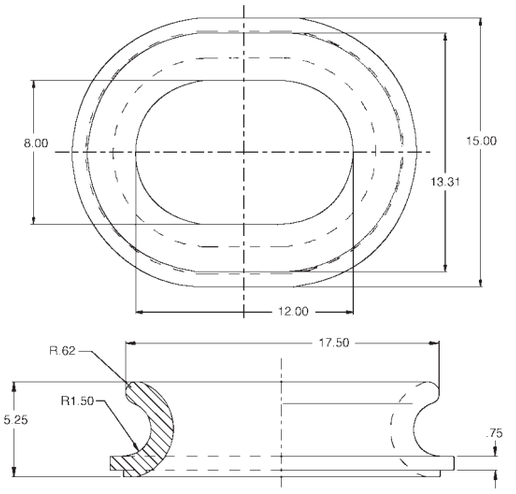


Mooring Eye - 12" X 18"
310358 (ME1218)

Special Handling May Apply

Price On Request

Mooring Eye - 8" x 12"



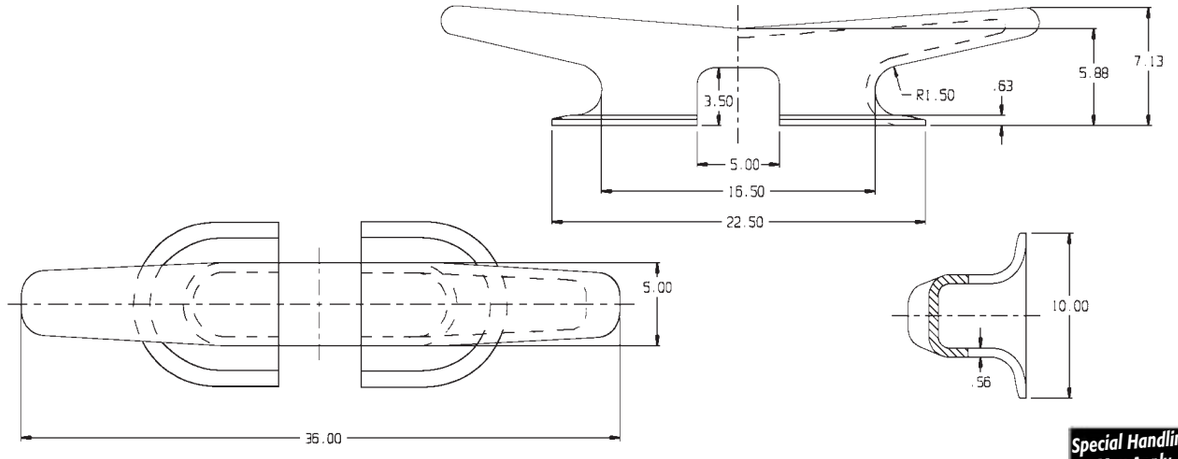
Mooring Eye - 8" x 12"

310348	(ME0812)	Steel	**Price On Request**
310347	(ME0812A)	Aluminum	**Price On Request**

Special Handling May Apply

Barge Kevel, Open Base - Cast Steel

Prices On Request

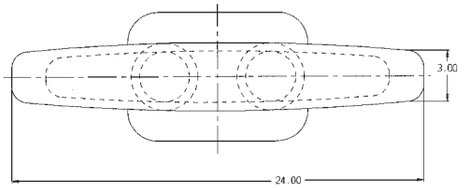


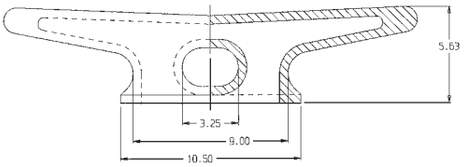
Special Handling May Apply

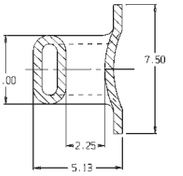
DMI #	Similar to Nabrico Part #	A	B	C	D	E	F	G	H	I	J	K	Weight
309994	N/A	12"											
310007	DF-518	18"		4-1/2"	5-1/2"	6"			2-1/8"	3-1/8"			25 lbs.
310033	DF-48A	36"	5"	22-1/2"	5"	3-1/2"	1-1/2"	5/8"	5-7/8"	7-1/8"	9/16"	5"	91 lbs.
310045	DF-36A	42"	6"	25-1/2"	7-1/2"	3-1/4"	1-1/2"	5/8"	6-1/2"	7-1/2"	9/16"	5-1/2"	117 lbs.
310057	DF-159A	48"	6-1/2"	27"	8"	5"	1-1/2"	5/8"	8-3/4"	10"	9/16"	5-3/4"	166 lbs.

Kevel Chock – Cast Steel

Prices On Request





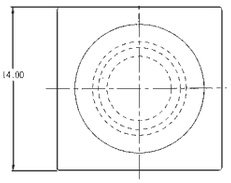


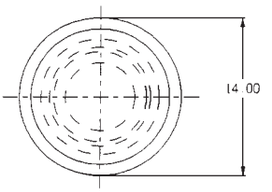
Special Handling May Apply

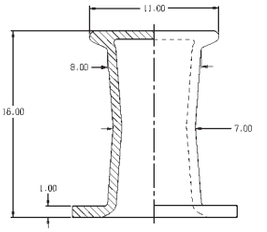
DMI #	Similar to Nabrico Part #	A	B	C	D	E	F	G	H	I	J	K	Weight
310083	DF-30	24"	3-1/4"	9"	10-1/2"	5-5/8"	1/2"	3"	4"	7-1/2"	5-1/8"	2-1/4"	50 lbs.
310095		30"	6-7/8"	14"	20-1/4"	7"		3-1/4"		9-1/2"	5-5/8"		
310108	DF-482	36"	8-1/4"	17"	23-1/2"	8"	9/16"	4"	5"	11"	6-3/4"	3-1/4"	98 lbs.
310110	DF-483	42"	9-5/8"	20"	26-3/4"	9"	5/8"	4-3/4"	6"	12-1/2"	7-7/8"	4-1/8"	160 lbs.
310122	DF-484	48"	11"	23"	30"	10"	3/4"	5-1/2"	7"	14"	9"	5"	220 lbs.

Single Bitt

Prices On Request





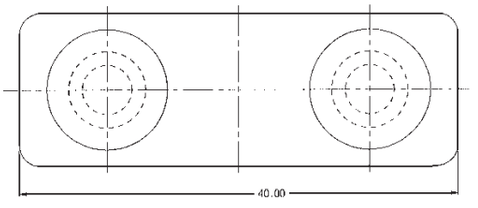


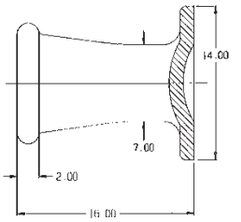
DMI #	Diameter	Base	Height	Weight
310158	10"	14" x 14"	18"	190 lbs.

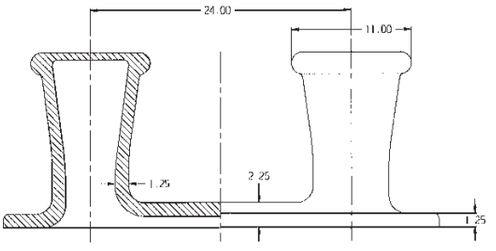
Special Handling May Apply

Double Bitts

Prices On Request



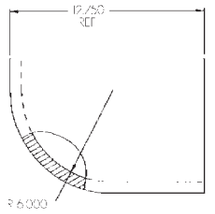


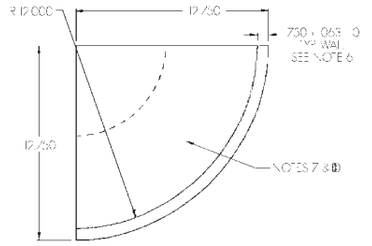


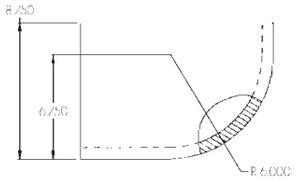
DMI #	Similar to Nabrico Part No.	Diameter	Base	Height	Weight
310209	DF-2	8"	40" x 14"	16"	330 lbs.
310210	DF-40	10"	45" x 15"	18"	545 lbs.
310220	DF-491	12"	60" x 18"	22"	1,176 lbs.
310233	DB-14	14"	66" x 21"	29.75"	

Special Handling May Apply

Corner Barge Castings – 49 lbs.





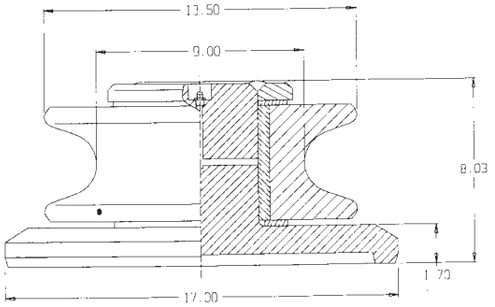


Special Handling May Apply

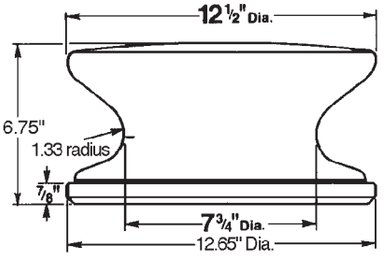
Corner Bilge Castings – 49 lbs.

Special Left Hand — **Price On Request**
Special Right Hand — **Price On Request**

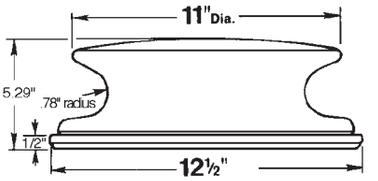
Roller Buttons – Free-Rolling



309586

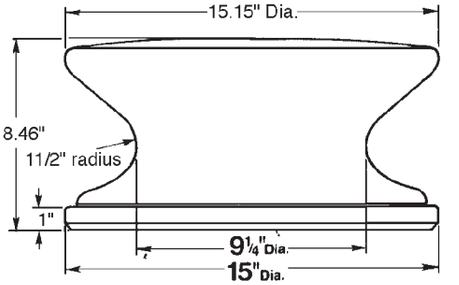


309561



309559

Special Handling May Apply



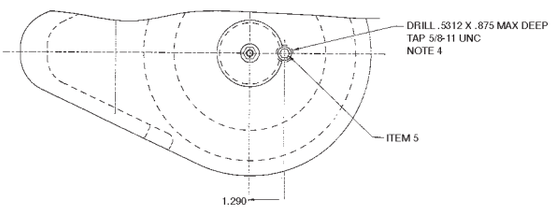
309573

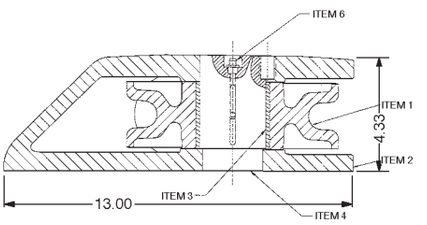
Roller Buttons – Free-Rolling

These are the finest high-load carrying, free-rolling roller buttons that have ever been designed and are manufactured in sizes to suit the needs of boats, seagoing tugs and ships. Precision machined parts have working parts coated with an extremely hard coating – 70 Rockwell C-Scale – which is corrosion resistant. The buttons will not freeze up as most do, because they are closed at the top. The air pocket formed on the inside, makes it practically impossible for water to enter the working parts. Before shipment, the roller buttons are completely lubricated and should need only occasional attention after installation and use.

309559 (RB-11)	**Diameter 11"**	**Maximum Wire 3/4"**	**Price On Request**
309561 (RB-12)	**Diameter 12-1/2"**	**Maximum Wire 1"**	**Price On Request**
309586 (1048)	**Diameter 13-1/2"**	**Maximum Wire 1-1/4"**	**Price On Request**
309573 (RB-15)	**Diameter 15.15"**	**Maximum Wire 1-1/4"**	**Price On Request**

Roller Chock Assembly





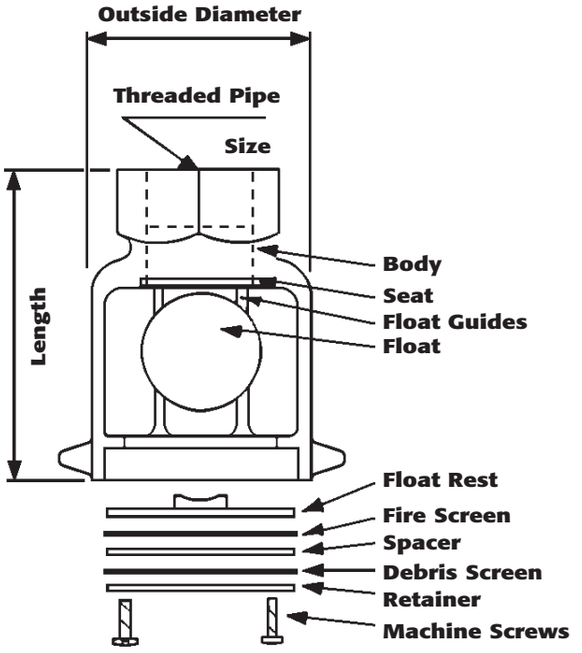
Special Handling May Apply

309575 (RB-E10) Roller Chock Assembly — **Price On Request**

Inverted Vent Check Valves

Approved for installation aboard USCG inspected vessels. Heavy cast construction, with weighted heavy gauge ball float. Available in bronze, zinc/coated steel and aluminum.

Venting improves the efficiency of loading and unloading cargo by eliminating dangerous pressure or vacuum buildup. Inverted Vent Check Valves add a measure of security, preventing deck wash, deck fire and debris from traveling through the vent





Price On Request

Aluminum	Zinc/Coated	Bronze	Size/NPT	Outside Diameter	Overall Length	Shipping Weight
257267	**257332**	**257419**	2"	4-1/8"	6"	8 lbs.
257279		**257421**	2-1/2"	4-7/8"	7"	13 lbs.
257281	**257356**	**257433**	3"	5-1/2"	8-3/8"	19 lbs.
257293	**257368**	**257445**	4"	7-1/8"	9-1/2"	31 lbs.

30 x 30 Stainless Steel Mesh Screen

303189 12" x 36" **$78.95 E**

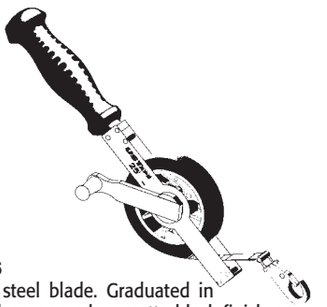


Kolor Kut Water Finding Paste

It is golden brown in color and turns brilliant red upon contact with water. This product will gauge water content in all petroleums and hydrocarbons as well as sulfuric acid, nitric acid, hydrochloric acid, ammonia, soap solutions, salt and other chloride solutions.

441612 **$7.95 E**

USTAPE



Double Duty Gauging Tapes

Features half inch wide heavy gauge steel blade. Graduated in feet, inches and eights. Chrome plated on one edge, matte black finish on other edge, for measuring dark and light oils. Stainless steel reel.

507129 Length 25' **$111.95 E**
507131 Length 50' **$133.95 E**
507143 Length 100' **$225.95 E**
507117 20 oz. Plumb Bob **$43.95 E**

Hay Fork Pulley & Rigging Block



Imported Hay Fork Pulley
Safe work load limit: 1 ton. Sheave size: 4".

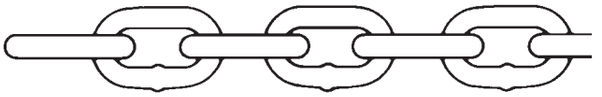
618542 1-1/4" Manila		**$28.95 H**
618554 1/2" Wire		**$28.95 H**



Imported Rigging Block

618580 3"		**$21.95 H**

Proof – Coil Gal. Chain

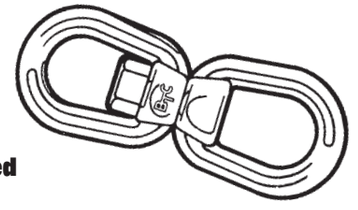


Special Handling May Apply

Proof – Coil Galvanized Chain

617588 1/8" x 1,000'		**$217.95 B**
617603 3/16" x 800'		**$419.95 B**
617627 1/4" x 400'		**$328.95 B**
617641 5/16" x 275'		**$332.95 B**
617665 3/8" x 200'		**$332.95 B**
617694 1/2" x 200'	Medium Link	**$546.95 B**

Swivel Eyes – Galvanized



Swivel Eyes – Galvanized
25 per box.

617209 1/4"	**$105.95 H**
617211 5/16"	**$100.95 H**
617223 3/8"	**$129.95 H**
617235 1/2"	**$179.95 H**

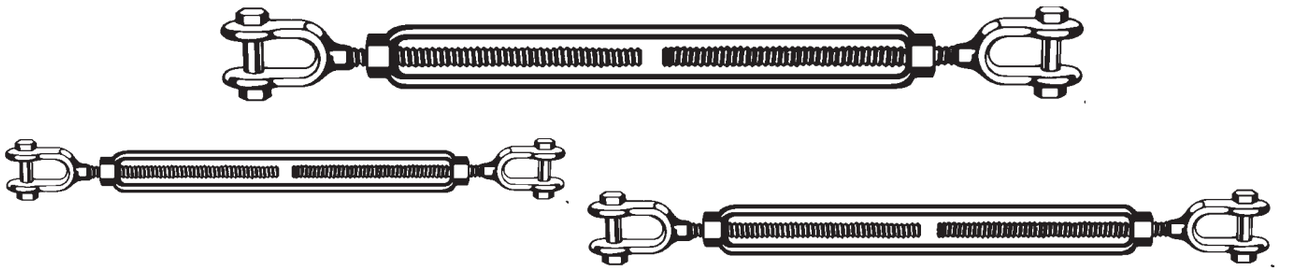
Try Net Blocks



Imported Try Net Block
Ductile cast iron sheave and housing plate. Hot dip galvanized. Ball bearing with Alemite lubrication. Forged steel round swivel eye. **Note:** Not for use with wire rope.

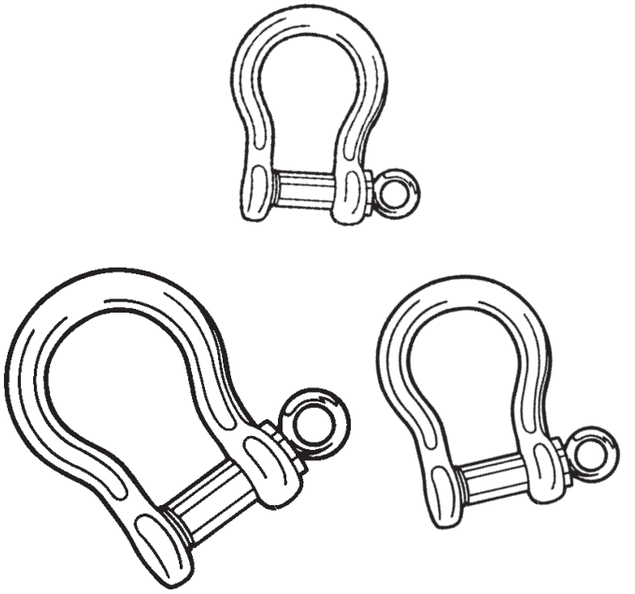
618504 5 Tons	Diameter 6"	**$86.95 H**

Imported Jaw and Jaw Galvanized Steel Turnbuckles



617033	1/4" Diameter x 4" Adj.	**$12.60 H**
617045	5/16" Diameter x 4-1/2" Adj.	**$16.20 H**
617057	3/8" Diameter x 6" Adj.	**$17.00 H**
617069	1/2" Diameter x 6" Adj.	**$18.55 H**
617071	1/2" Diameter x 9" Adj.	**$19.95 H**
617083	1/2" Diameter x 12" Adj.	**$23.40 H**
617108	5/8" Diameter x 9" Adj.	**$29.00 H**

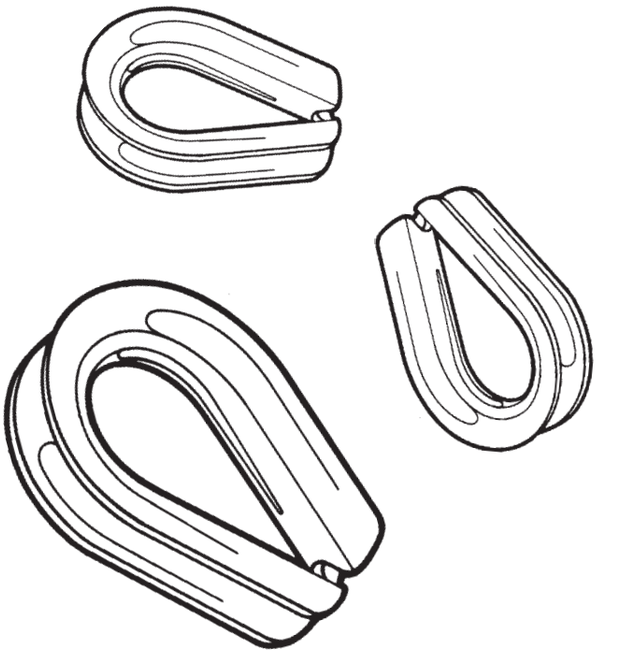
Galvanized Shackles



Shackles – Load Rated – Galvanized

616257	1/4"	5 Per Box	**$45.95 H**
616258	1/4"	1/2 Ton	**$1.95 H**
616260	5/16"	25 Per Box	**$53.95 H**
616261	5/16"	3/4 Ton	**$3.15 H**
616271	3/8"	20 Per Box	**$58.95 H**
616272	3/8"	1 Ton	**$4.25 H**
616283	7/16"	20 Per Box	**$86.95 H**
616284	7/16"	1-1/2 Ton	**$4.50 H**
616295	1/2"	20 Per Box	**$101.95 H**
616296	1/2"	2 Ton	**$5.90 H**
616308	5/8"	10 Per Box	**$58.95 H**
617502	5/8"	3-1/4 Ton	**$10.98 H**
616310	3/4"	10 Per Box	**$83.95 H**
617514	3/4"	4-3/4 Ton	**$15.90 H**
616322	1"	Each	**$13.50 H**

Galvanized Thimbles



Thimbles Type III – Heavy Duty – Galvanized

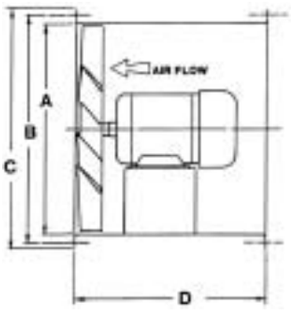
615608	1/4"	100 Per Box	**$36.95 H**
615621	1/4"	Each	**$1.15 H**
615612	5/16"	100 Per Box	**$46.95 H**
615613	5/16"	Each	**$0.95 H**
615623	3/8"	100 Per Box	**$66.95 H**
615624	3/8"	Each	**$0.95 H**
615631	7/16"	100 Per Box	**$70.95 H**
615630	7/16"	Each	**$1.75 H**
615647	1/2"	100 Per Box	**$332.95 H**
615632	1/2"	Each	**$3.25 H**
615659	5/8"	50 Per Box	**$107.95 H**
615660	5/8"	Each	**$3.95 H**

Cincinnati Exhaust Fans

Direct Drive Tube Axial Fans From 12" to 48" Diameter.

Includes Housing and Prop. Guards and Motors are Sold Separately

Fan Size	Motor HP	A	B	C	D
12"	All	12"	13-1/8"	14-1/2"	20"
15"	All	15"	16-1/8"	17-1/2"	20"
18"	All	18"	19-1/8"	20-1/2"	20"
24"	3/4-3	24"	25-13/16"	27-1/4"	21"
30"	All	30"	31-3/4"	33-1/4"	22"
34"	All	34"	35-11/16"	37-1/4"	26"
36"	All	36"	37-7/8"	39-1/4"	28"
42"	All	42"	43-9/16"	45-1/4"	29"
48"	3-7-1/2	47-3/4"	49-5/8"	51"	31"
48"	10 & 15	47-3/4"	49-5/8"	51"	31"





Fan Size	Prop No.	Motor HP	Fan RPM	1/8" SP CFM	1/8" SP BHP	1/4" SP CFM	1/4" SP BHP	3/8" SP CFM	3/8" SP BHP	1/2" SP CFM	1/2" SP BHP	5/8" SP CFM	5/8" SP BHP	3/4" SP CFM	3/4" SP BHP	7/8" SP CFM	7/8" SP BHP	1" SP CFM	1" SP BHP	1-1/8" SP CFM	1-1/8" SP BHP
12"	12-6-24	1/2	3450	2031	.40	1971	.40	1912	.41	1828	.44	1739	.46	1616	.48	1442	.50				
	12-4-30	3/4	3450	2449	.58	2368	.59	2286	.60	2196	.63	2102	.67	2008	.70	1886	.72	1764	.73		
15"	15-6-25	1/3	1750	2028	.17	1851	.18	1587	.20												
	15-6-36	1/3	1750	2369	.21	2147	.23	1794	.25												
	15-6-43	1/2	1750	2870	.48	2640	.49	2330	.49	1962	.39										
	15-6-25	1-1/2	3450	4200	1.22	4130	1.24	4061	1.25	3991	1.26	3922	1.28	3827	1.31	3728	1.35	3628	1.39	3529	1.43
	15-4-30	1-1/2	3450	4619	1.34	4505	1.38	4391	1.42	4277	1.46	4152	1.46	4025	1.46	3898	1.46	3769	1.46	3591	1.43
	15-6-36	2	3450	4967	1.55	4864	1.58	4762	1.61	4660	1.64	4558	1.67	4456	1.70	4331	1.75	4203	1.80	4075	1.85
18"	18-4-22A	1/3	1750	3205	.28	2906	.30	2505	.32												
	18-6-25	1/2	1750	3427	.27	3190	.31	2935	.34	2571	.40										
	18-6-35	1/2	1750	3937	.37	3648	.40	3316	.45	2779	.46										
	18-6-36	3/4	1750	4536	.65	4256	.68	3926	.70												
	18-6-43	1	1750	4977	.76	4747	.78	4457	.82	4130	.87	3705	.88								
24"	24-4-16A	3/4	1750	4870	.53	4560	.53	4015	.55	3280	.56	2515	.56	1880	.56						
	24-4-20A	1	1750	6854	.91	6331	.95	5785	.97	5233	1.02										
	24-6-31	1-1/2	1750	7345	1.12	6805	1.12	5950	1.12	4795	1.07	3300	1.09	2000	1.28						
	24-4-33	2	1750	9178	1.54	8729	1.63	8275	1.69	7821	1.74	7169	1.78	6425	1.78						
	24-6-41	3	1750	10314	2.30	9976	2.36	9637	2.43	9221	2.52	8793	2.62	8246	2.70	7601	2.75				
30"	30-6-22	3/4	1150	8037	.57	6749	.61	3672	.55												
	30-4-41	2	1150	12059	1.51	11241	1.55	10232	1.61	8616	1.71										
	30-7-40	3	1150	12633	1.91	12050	2.00	11257	2.12	10240	2.23										
	30-4-20A	2	1750	12483	1.68	11792	1.71	10974	1.76	10113	1.82	9188	1.89								
	30-6-22	3	1750	13192	1.88	12468	1.98	11700	2.10	10907	2.20	9907	2.12								
	30-4-41	7-1/2	1750	19014	5.24	18511	5.30	18008	5.36	17505	5.42	16863	5.50	16199	5.59	15534	5.67	14550	5.84	13488	6.00
	30-7-40	10	1750	19729	6.54	19346	6.68	18963	6.82	18579	6.96	18194	7.10	17646	7.29	17099	7.49	16552	7.68	15827	7.84
34"	34-6-29	1	1150	11916	1.09	10349	1.14														
	34-6-26	3	1150	15524	1.99	14623	2.09	13628	2.19	12323	2.26	10277	2.12								
	34-6-29	5	1750	19166	3.73	18377	3.81	17478	3.90	16464	3.99	15058	3.99								
	34-6-26	10	1750	24383	6.79	23808	6.95	23234	7.10	22659	7.26	22018	7.41	21364	7.57	20711	7.73	19961	7.86	19008	7.94
36"	36-6-25	1-1/2	1150	13814	1.42	12093	1.47														
	36-6-26	3	1150	18275	2.44	17312	2.58	16353	2.68	15198	2.77	13857	2.80	11818	2.70						
	36-6-25	5	1750	22329	4.85	21358	4.98	20344	5.08	19199	5.16	17924	5.19								
	36-6-26	10	1750	28522	8.28	27982	8.52	27388	8.75	26752	8.98	26104	9.15	25447	9.30	24852	9.47	24280	9.65	23375	9.73
42"	42-6-26	2	850	18525	1.78	16724	1.86	14196	1.86												
	42-6-26	5	1150	26890	4.03	25559	4.20	24210	4.35	22724	4.43	21058	4.48								
48"	48-6-19	2	850	20791	1.61	18327	1.72	15731	1.79	11495	1.78										
	48-6-30	5	850	27881	2.88	26156	3.10	24358	3.36	22027	3.56	18566	3.75	13018	3.95						
	48-6-19	5	1150	29574	3.78	27840	4.01	26032	4.17	24119	4.30	22236	4.41	20044	4.47						
	48-6-30	10	1150	38681	6.81	37518	7.21	36237	7.48	34932	7.84	33608	8.18	32137	8.46	30377	8.74	28246	9.02	25615	9.30

Cincinnati Exhaust Fans

Specifications for Tube Axial Fans

Propellers shall be statically balanced to assure smooth operation. Propeller shall be spark-resistant cast aluminum.
All fan drums shall be 12 gauge on sizes 12" to 30" and 10 gauge on sizes 34" to 48".
Drum flanges shall be rolled as an integral part of the drum on sizes 12" to 42". Drum flanges on 48" fans shall be 1-1/2" angle iron rings welded to drum. Drum seam shall be continuosly welded.



Cincinnati Exhaust Fans

All Baldor motors are 3 PH 208/230/460 60H. Fans to 18" can be shipped UPS. 24" and over must go motor freight.

DMI #	Cin. #	Description	RPM	Frame	Price	DMI #	Baldor #	Price
300854	12-4-30	3/4 HP Frame/Prop	3450 RPM	56 Frame	**$375.95 B**	**473479**	M3541	**$355.95 A**
300842	12-6-24	1/2 HP Frame/Prop	3450 RPM	56 Frame	**$308.95 B**	**473465**	M3537	**$322.95 A**
	15-4-30	1-1/2 HP Frame/Prop	3450 RPM	56 Frame	**$277.18**		M3550	**$319.00**
	15-6-25	1/3 HP Frame/Prop	1750 RPM	56 Frame	**$281.65**		M3534	**$211.00**
	15-6-25	1-1/2 HP Frame/Prop	3450 RPM	56 Frame	**$281.65**		M3550	**$319.00**
301515	15-6-36	1/3 HP Frame/Prop	1750 RPM	56 Frame	**$217.95 B**		M3534	**$211.00**
300878	15-6-36	2 HP Frame/Prop	3450 RPM	56 Frame	**$385.95 B**	**473484**	M3555	**$511.95 A**
300866	15-6-43	1/2 HP Frame/Prop	1750 RPM	56 Frame	**$376.95 B**	**473467**	M3538	**$306.95 A**
	18-4-22A	1/3 HP Frame/Prop	1750 RPM	56 Frame	**$253.71**		M3534	**$211.00**
	18-6-25	1/2 HP Frame/Prop	1750 RPM	56 Frame	**$298.41**	**473467**	M3538	**$360.95 A**
300880	18-6-35	1/2 HP Frame/Prop	1750 RPM	56 Frame	**$417.95 B**	**473467**	M3538	**$360.95 A**
	18-6-36	3/4 HP Frame/Prop	1750 RPM	56 Frame	**$298.41**	**473480**	M3542	**$384.95 A**
300892	18-6-43	1 HP Frame/Prop	1750 RPM	56 Frame	**$522.95 B**	**473482**	M3546	**$401.95 A**
300990	24-4-16A	3/4 HP Frame/Prop	1750 RPM	56 Frame	**$495.95 B**	**473480**	M3542	**$384.95 A**
	24-4-20A	1 HP Frame/Prop	1750 RPM	56 Frame	**$346.47**	**473482**	M3546	**$401.95 A**
	24-4-33	2 HP Frame/Prop	1750 RPM	145T Frame	**$458.24**		M3558	**$327.00**
	24-6-31	1-1/2 HP Frame/Prop	1750 RPM	56 Frame	**$190.95**		M3554	**$303.00**
	24-6-41	3 HP Frame/Prop	1750 RPM	182T Frame	**$335.95**	**473493**	M3611T	**$564.95 A**
300993	30-4-20A	2 HP Frame/Prop	1750 RPM	145T Frame	**$683.95 B**		M3558T	**$321.00**
301095	30-4-41	2 HP Frame/Prop	1150 RPM	184T Frame	**$981.95 B**		M3614T	**$505.00**
	30-4-41	7.5 HP Frame/Prop	1750 RPM	213T Frame	**$687.35**	**473490**	M3710T	**$828.95 A**
	30-6-22	3/4 HP Frame/Prop	1150 RPM	143T Frame	**$562.18**		M3543T	**$370.00**
301096	30-6-22	3 HP Frame/Prop	1750 RPM	182T Frame	**$803.95 B**	**473493**	M3611T	**$564.95 A**
	30-7-40	3 HP Frame/Prop	1150 RPM	213T Frame	**$733.18**		M3704T	**$637.00**
	30-7-40	10 HP Frame/Prop	1750 RPM	215T Frame	**$733.18**		M3774T	**$886.00**
	34-6-26	3 HP Frame/Prop	1150 RPM	213T Frame	**$863.94**		M3704T	**$637.00**
	34-6-26	10 HP Frame/Prop	1750 RPM	215T Frame	**$1,067.95 B**	**473491**	M3774T	**$1,264.95 A**
	34-6-29	1 HP Frame/Prop	1150 RPM	145T Frame	**$696.29**		M3556T	**$407.00**
	34-6-29	5 HP Frame/Prop	1750 RPM	184T Frame	**$696.29**		M3615T	**$436.00**
	34-6-25	1-1/2 HP Frame/Prop	1150 RPM	182T Frame	**$752.18**		M3667T	**$603.00**
	34-6-25	5 HP Frame/Prop	1750 RPM	184T Frame	**$752.18**		M3615T	**$436.00**
	34-6-26	3 HP Frame/Prop	1150 RPM	213T Frame	**$914.24**		M3704T	**$637.00**
	34-6-26	10 HP Frame/Prop	1750 RPM	215T Frame	**$914.24**		M3714T	**$678.00**
	42-6-26	2 HP Frame/Prop	850 RPM	213T Frame	**$1,154.53**		M3702T	**$1,128.00**
	42-6-26	5 HP Frame/Prop	1150 RPM	215T Frame	**$1,154.53**		M3768T	**$937.00**
	48-6-19	2 HP Frame/Prop	850 RPM	213T Frame	**$1,602.71**		M3702T	**$1,128.00**
	48-6-19	3 HP Frame/Prop	1150 RPM	213T Frame	**$1,602.71**		M3704T	**$637.00**
	48-6-30	5 HP Frame/Prop	850 RPM	254T Frame	**$1,661.94**		M2280T	**$1,963.00**
	48-6-30	10 HP Frame/Prop	1150 RPM	256T Frame	**$1,661.94**		M2332T	**$1,273.00**

Blower Guard

301591	12" Guard	**$107.95 B**
301604	15" Guard	**$107.95 B**
301616	18" Guard	**$108.95 B**
301628	24" Guard	**$112.95 B**
301630	30" Guard	**$114.95 B**

Single Phase Motors Available by Special Order

Prop Only List - 6 Blade

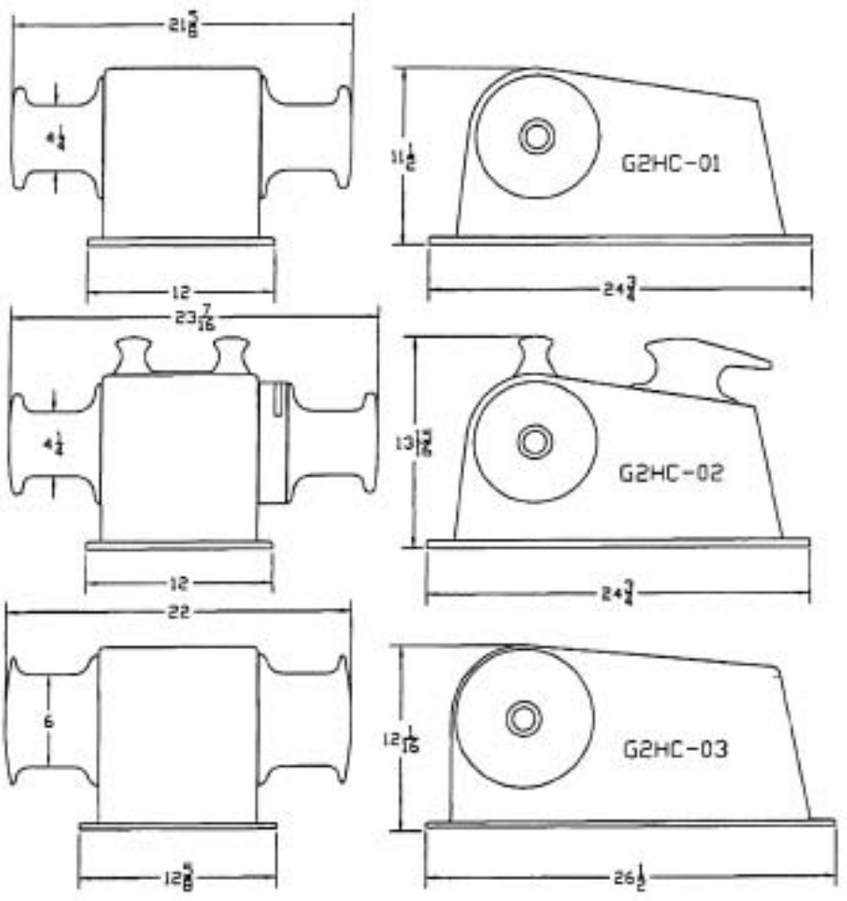
301503	(24-6-41)	24"	41 Pitch	1-1/8"	**$387.95 B**
301515	(15-6-36)	15"	36 Pitch	5/8"	**$217.95 B**
301527	(18-6-35)	18"	35 Pitch	5/8"	**$231.95 B**
301540	(18-6-43)	18"	43 Pitch	5/8"-56FR	**$316.95 B**
301541	(18-6-43)	18"	43 Pitch	7/8"-143FR	**$316.95 B**
301552	(12-6-2024)	12"	24 Pitch	1/2"	**$131.95 B**
301553	(12-6-24)	12"	24 Pitch	5/8"	**$131.95 B**

Prop Only List - 4 Blade

301565	(12-4-30)	12"	30 Pitch	5/8"	**$188.95 B**

Ideal Horizontal Double Gypsy Anchor Windlass





Special Handling May Apply

Ideal Horizontal Double Gypsy Anchor Windlasses

For handling the anchor on line. Gypsies cannot be operated independently. Motor is housed in a waterproof enclosure that forms a part of the gear case. The control switch is mounted on the aft end of the windlass. In the event of a power failure, this unit can be operated by hand. Line pull capacity is 1,000 lbs. and will easily handle a 150 lbs. anchor. A 50% overload is possible for a short period of time, if current is available. Welded steel base, electro-galvanized. All gears are machine cut and operate in a bath of extreme pressure gear oil. Power is supplied by a 1 HP, AC hoist type high torque motor with an intermittent duty rating of 15 minutes. Unit attaches to the deck with seven 1/2" diameter bolts. Note: Model G2HC-01 Hand Operation Not Available.

399784 (G2HC-01)	Rating: 1000 lbs.	Speed: 20'	Max. Line: 1"	**Price On Request**
399790 (G2HC-02)	Rating: 1000 lbs.	Speed: 20'	Max. Line: 1"	**Price On Request**
399795 (G2HC-03)	Rating: 2000 lbs.	Speed: 25'	Max. Line: 1-5/8"	**Price On Request**

Federal Signal Hazardous Location Warning Light



Federal Signal Hazardous Location Warning Light

The 151XST harzardous location strobe light provides 80 high intensity flashes per minute. UL listed and CSA certified for Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F, and G; and Class III. The 151XST meets type 4X watertight, dust tight and corrosion resistant requirements. Constructed to IP66. Ready for mounting to a 3/4" pipe. Dome guard is included. Dome color: Red. 120 volt. 50/60 Hz. .32 amps. 520,000 candlepower.

327797 (151XST-120R) **$649.95 E**

Federal Signal Rotating Warning Lights



Federal Signal Rotating Warning Lights

The 121A and S rotating light is designed for both vehicular and in-plant applications. This unit can be surface mounted or mounted on a 1/2" pipe with the integrated pipe mount. UL listed. Dome color: Red. Flash rate is 60 per minute.

327761	(121A-012R)	12 volt	3 amps	18,000 Candlepower	**$323.95 D**
327773	(121A-024R)	24 volt	1.3 amps	4,000 Candlepower	**$323.95 D**
327785	(121S-120R)	120 volt	.036 amps	2,100 Candlepower	**$327.95 D**

Federal Signal Strobe Light



Federal Signal Strobe Light

The Visalert is a three dimensional, triangular warning light designed to be mated with the model 350 Vibratone horn. It can also be used as a stand alone device. The Visalert can be flush or surface mounted on the 350 horn. UL listed, CSA certified for indoor/outdoor use. Dome color: Red. Flash rate: 80 per minute. 120 volt. 50/60 Hz. .06 amps. 108,000 candlepower.

327963 (VALS-120R) **$164.95 D**

Federal Signal Warning Horns

Federal Signal Warning Horns

The model 350 and 450 Vibrating horns produce a very loud horn tone by the electro-mechanical vibration of a diaphragrm. Capable of reproducing coded blasts or sustained tone. It is excellent for general alarm, start and dismissal, coded paging and process control signaling in areas of high ambient noise levels. Vibratone mounting options provide for surface, flush or semi flush mounting on walls, panels, in cabinets, on 4" square outlet boxes or in concrete and deep wall constructions. UL listed, CUL listed, CSA certified and FM approved.



327812 (350-012-30)	12VAC	50/60 Hz	.90 amps	94 dB @ 10'	**$155.95 D**
327824 (350-120-30)	120VAC	50/60 Hz	.18 amps	100 dB @ 10'	**$116.95 E**
327836 (350-240-30)	240VAC	50/60 Hz	.09 amps	100 dB @ 10'	**$160.95 D**
327848 (450-012-31)	12VDC		.50 amps	99 dB @ 10'	**$155.95 E**
327850 (450-024-31)	24VDC		.25 amps	99 dB @ 10'	**$155.95 E**
327862 (450-125-30)	125VDC		.05 amps	99 dB @ 10'	**$180.95 D**
327874 (450-250-30)	240VDC		.03 amps	99 dB @ 10'	**$180.95 D**

Federal Signal Explosion-Proof Vibrating Horns

Federal Signal Explosion-Proof Vibrating Horns

The Model 41X explosion proof vibrating horn is constructed for safe use in hazardous environments. Corrosion resistant horns with stainless steel diaphragms. UL listed and CUL listed for Class I, Divison I, Groups C and D, Class II, Divison I< Groups E, F and G; Class III. CSA certified.



327759 (41X024-1) **$1,277.95 D**

Federal Signal Vibratone Bells

Federal Signal Vibratone Bells

Vibratone heavy duty bell product line utilizes a modular approach to combine gongs and mechanisms allowing for greater flexibility and selection. Each larger gong produces a different tone and a higher dB output. UL and CUL listed, CSA certified and FM approved.



327886 (500-024-1)	24VAC	.4 amps	Vibrating Mechanism		**$134.95 D**
327898 (500-240-1)	240VAC	.04 amps	Vibrating Mechanism		**$134.95 D**
327901 (600-012-1)	12VDC	.8 amps	Vibrating Mechanism		**$191.95 D**
327913 (600-024-1)	24VDC	.4 amps	Vibrating Mechanism		**$191.95 D**
327925 (600-250-1)	250VDC	.03 amps	Vibrating Mechanism		**$195.95 D**
327937 (A-4)	4" Gong	98 dB @ 10'			**$28.95 E**
327949 (A-6)	6" Gong	100 dB @ 10'			**$72.95 D**
327951 (A-10)	10" Gong	102 dB @ 10'			**$122.95 D**
327975 (WB)	Weatherproof Box, 4-3/8" sq. x 2" deep				**$45.95 E**

Milwaukee Wire Brushes



Milwaukee Stringer Bead Twist – Wheel Wire Brush

This "Mini" stringer bead brush is unexcelled for stringer bead weld cleaning and other applications where a narrow (3/16") brush face is necessary to achieve the work. Widely used in nuclear power plant construction where piping, tubing and fittings are joined. Diameter 4". Wire size .020. Trim length 3/4". Face width 3/16". Arbor hole 5/8 - 11.

221147 (23610) **$118.95 E**



Milwaukee

Full Cable Twist Carbon and S/S Wire – Single Row

Each individual knot contains the same number of top-quality, high carbon tempered steel or 302 stainless steel wires that give the wheel precise balance and long life. Highly suited for use in the welding and steel fabrication industries. These brushes are used in surface preparation prior to welding and brazing, and for removing weld scale and spatter after the welding operation. Diameter 6". Approx. face width 1/2". Trim length 1-1/4". 10,000 RPM MSFS. Arbor hole 5/8 - 11.

221159 (02294) **$29.95 E**



Milwaukee Knot Style Cup Wire Brush

Carbon steel wire. 12,500 RPM MSFS. Use these rugged brushes for cleaning welds and for operating in tight places such as corners, angle welds and T-connections. This style is especially suited for pipe bevel cleaning. Diameter 2-3/4". Wire size .020. Trim length 7/8". Arbor hole 5/8 - 11.

221111 (20160) **$19.95 E**



Milwaukee

Standard Twist Carbon Steel Wire Brush – Single Row

Made with crimped tempered wire these brushes provide fast cutting action for the removal of light encrustations of scale, rust, paint or weld spatter. Designed for use on portable power tools. Arbor hole 5/8 - 11.

221123 (20103) Diameter 4" Trim Length 1-3/8" **$31.95 E**
221135 (20107) Diameter 6" Trim Length 1-1/2" **$63.95 E**

Shoe Handle Brush



Shoe Handle Brush - Carbon Steel Wire

Block size 10-1/4" x 1-1/8". Brush length 5". Rows of wire: 4 x 16.

221161 (20507) **$2.99 E**

Work Gloves



PVC Gloves



412108



Leather Palm

PVC Chemical Gloves

Mens 10" PVC coated, smooth finish, cotton interlock lined. Color: Black.

412101 (810RB) **$3.95 G**

Mens 14" PVC coated, sandy finish, cotton interlock lined. Color: Black.

412104 (314SS) **$5.95 G**

Leather Palm Gloves

Select shoulder leather. 2-1/2" rubberized safety cuff. Size: Large.

412107 (2100B) **$5.95 E**

Premium select shoulder leather, white canvas back. 2-1/2" rubberized safety cuff. Size: X-Large.

412112 (3100BG) **$6.95 G**

Glove liner, cotton. Mens.

412114 (2049ST) **$1.95 G**

Mens 10 oz. cotton canvas plastic dot gloves. Knit wrist.

412116 (PD2050) **$2.95 G**

Island Trading Top Cow Hide Leather Wing Thumb Unlined Driver Gloves

412108 (Y10) Large **$13.95 G**
412109 (Y10) X Large **$14.95 G**
412110 (410) Medium **$13.95 G**

Texas Pneumatic Needle Scaler



Texas Pneumatic Needle Scaler

The model TX-1B needle scaler is a convertible tool used as a chisel scaler or a needle scaler depending on the application. needle scaler can be easily converted to a chisel scaler by replacing needle attachment with chisel. Tool applications: De-rusting and cleaning of metals. Peening of welded joints. Cleaning castings. Cleaning welding slag. Removing barnacles. Removing paint, rust and dirt. Chipping stone, concrete and brick. Needle scalers adjust to any surface contour automatically.

645816 (TX-1B) **$239.00 E**

TX1B Needle Scaler Repair Kit

Includes:

3	(TX-00044)	Needle Spring
1	(TX-00045)	Needle Driver
1	(TX-00046)	Needle Holder
1	(TX-00078)	Throttle Valve Spring
2	(TX-00126)	Valve Block Dowel Pin
2	(TX-00196)	Flutter Valve
1	(TX-00207)	Throttle Valve Cap
1	(TX-00373)	Plunger
2	(TX-00519)	5" x .125 Needle Set (19)
3	(TX-00527)	Retainer Buffer
3	(TX-00554)	Retainer Clip
1	(TX-00636)	Throttle Valve Cap Gasket
1	(TX-00782)	Throttle Valve
1	(TX-00848)	Throttle Lever Pin
1	(TX-00956)	Retainer

645818 (TX1BNSRK) **$105.00 A**

Needle Scaler Replacement Parts

645828 (TX-00024) 7" Needles – 19 Required **$0.39 E**
645830 (TX-00044) Needle Spring **$2.50 A**
645834 (TX-00049) 7" Flat Chisel **$11.99 E**
645842 (TX-00078) Throttle Valve Spring **$0.91 A**
645854 (TX-00780) Throttle Lever – 5/16" **$14.95 A**
645866 (TX00956) Retainer **$9.50 A**

Desmond Swirl-Off

SWIRL-OFF™



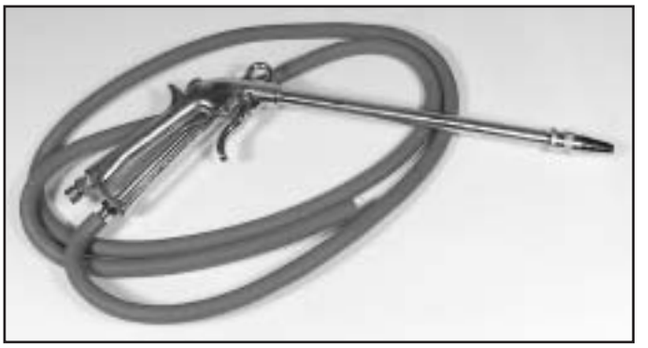
Grinder Not Included

Desmond Swirl-Off

Removes deposits from virtually any hard surface. Versatile. Lightweight. Portable. Stainless steel one piece housing. Attaches to most sanders, grinders, drills, polishers. Built in safety guard. Balanced design for easy operation. Operates under water. Environmentally safe no chemicals or solvents. Fits 5/8" - 11 shaft. No lubrication or maintenance required.

324121 (50600) 6" **$161.95 E**
324119 (50611) Replacement Cutter Set **$34.95 E**

Binks Washdown Gun



Binks Washdown Gun

Clean engines and other machinery. Gun has a brass body with a ten inch nozzle/tube length. Flexible tubing is attached to the gun handle with a hose clamp for siphoning solvent from container. 1/4" NPS(m) air inlet. Requires 14 CFM air at 50 PSI. Working CFM can range from 8-1/2 to 18-1/2 CFM and from 40 to 100 PSI.

527196 (140B) **$169.95 B**
527190 Nozzle Tip **$5.70 B**

Aurand Deck Crawlers

AURAND

K- Series



M- Series



Aurand K-Series Deck Crawler

Has a 5" wide cutting area. Because of it's lightweight (9 lbs.) it is ideal for use on vertical & hard to reach areas. 115V. 2.6 amp. 1/8 hp or pnuematic.

243319 (K7-1) Deck Crawler 5", 115V **$560.00 A**
243369 Spare Cutters - Set of 2 **$46.00 A**

Aurand M-Series Deck Crawler

Has an 8" wide cutting area. Due to it's additional horsepower and weight, this sturdier, more aggressive tool is normally used on horizontal surfaces.

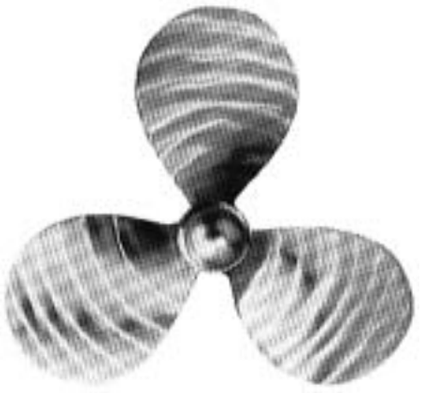
243333 (M5-1) Deck Crawler 8", 115V **$795.00 A**
243345 (MPG) Deck Crawler 8", Pnuematic **$990.00 A**
243357 (90M-M) Cutter Bundles (2 Set) **$99.00 A**

Federal Commercial Propellers

Tru-Pitch™

FEDERAL PROPELLERS

Commercial



Tru-Pitch™

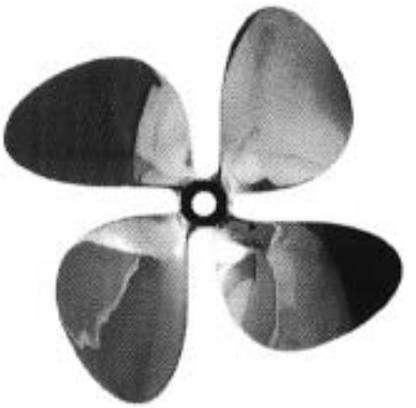
This style is the finest and best known of all-purpose propellers. Efficiency and smoothness is assured by Federal's exclusive Tru-Pitch™ process. This style incorporates semielliptical shape, constant pitch and ogival blade sections in the design…a result of years of experience. Available in Federal-B and Nibral alloys, left and right hand rotation, in 8" to 96" diameters. Stainless Steel available 8" to 40" diameters. H-D Heavy Duty, is similar in design to T-P, but its considerably heavier blade edges are engineered to meet more severe conditions. Heavy, round edges resist abrasion and blade fracture. Durable…extremely rugged. In the same metals and sizes as T-P. Three-blade only – right or left hand.

Equi-Quad®

Four blades for exceptional smoothness.

Designed for:
- Any normal cruiser where three-blade propellers have been used.

Number of Blades: 4



Equi-Qad®

Owners of pleasure cruisers who have never experienced the exceptional smoothness and fine performance of Equi-Quad® will often be amazed. The four-blade design gives extreme smoothness, plus the speed and "dig" of a three-blade prop. Maneuverability is superb.

Equi-Quad® is available in most pitch requirements from 17" thru 44" diameter. It is offered as standard in our Federal-B alloy and is optional in Nibral or Stainless Steel. It comes with the special offset and rake pitch originally incorporated in our Equi-Poise® and with a tapered hub for improved hydrodynamic performance. It is strongly constructed and then balanced for reduced vibration. Order in the same diameter as the correct three-blade size, but allow for 1" less pitch to maintain same engine loading. Our engineers will assist on receipt of hull and engine details.

Equi-Poise®

Our most popular prop.

Designed for:
- Inboard cruise boats of average power.
- Runabouts of average power.

Number of Blades: 3



Equi-Poise®

For outstanding speed and brilliant performance, choose Federal Equi-Poise®. Designed by Federal's naval architects, Equi-Poise® is a standard of the world-wide propeller industry and is still built to original patent specifications. Choose from two alloys: Our well-recognized Federal-B alloy for good strength or Nibral (a combination of nickel, bronze and aluminum) for additional strength.

Hawboldt Industries Hi-Trail: 3 Blade and 4 Blade Propellers

HAWBOLDT INDUSTRIES

ISO 9001 REGISTERED KPMG



Special Handling May Apply

Hawboldt Industries Hi-Trail: 4 Blade Propellers

It is used for both pleasure and commerical vessels, combining blade area, moderate skew and blade thickness distribution. This design has produced a smooth, quiet propeller that is one of the most popular models today. The propellers are finished to Hawboldt standard thickness with anti-singing edge or to customer's special requests. Diameters available up to 44 inches in 3, 4 and 5 blade. **Bronze.**

394801	33 x 30	Right Hand	3" Bore	**Price on Request**
394805	36 x 36	Left Hand	3" Bore	**Price on Request**
394807	36 x 36	Right Hand	3" Bore	**Price on Request**
394813	36 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394825	36 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394837	38 x 35	Left Hand	3-1/2" Bore	**Price on Request**
394849	38 x 35	Right Hand	3-1/2" Bore	**Price on Request**
394851	39 x 39	Left Hand	3-1/2" Bore	**Price on Request**
394863	39 x 39	Right Hand	3-1/2" Bore	**Price on Request**
394875	40 x 34	Left Hand	3-1/2" Bore	**Price on Request**
394887	40 x 34	Right Hand	3-1/2" Bore	**Price on Request**
394894	40 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394896	40 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394899	42 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394902	42 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394914	44 x 40	Left Hand	3-1/2" Bore	**Price on Request**
394926	44 x 40	Right Hand	3-1/2" Bore	**Price on Request**
394938	44 x 42	Left Hand	3-1/2" Bore	**Price on Request**
394940	44 x 42	Right Hand	3-1/2" Bore	**Price on Request**

Hawboldt Industries Hi-Trail: 4 Blade Propellers

It is used for both pleasure and commerical vessels, combining blade area, moderate skew and blade thickness distribution. This design has produced a smooth, quiet propeller that is one of the most popular models today. The propellers are finished to Hawboldt standard thickness with anti-singing edge or to customer's special requests. Diameters available up to 44 inches in 3, 4 and 5 blade. **Nibral.**

394828	36 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394830	36 x 36	Right Hand	3-1/2" Bore	**Price on Request**
394890	40 x 36	Left Hand	3-1/2" Bore	**Price on Request**
394892	40 x 36	Right Hand	3-1/2" Bore	**Price on Request**

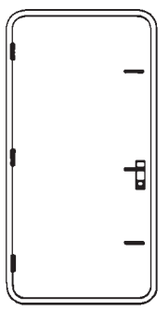
Donovan Marine
Propeller Repairs, Service and Sales
Up To 150" Diameter

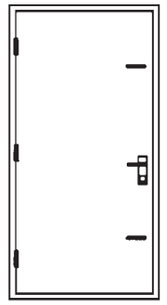
Amelia, LA • 985-631-9411

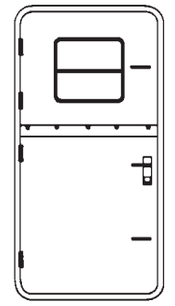
Diamond/Sea Glaze Doors

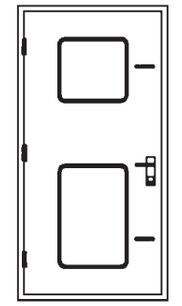
S/G DIAMOND/SEA-GLAZE

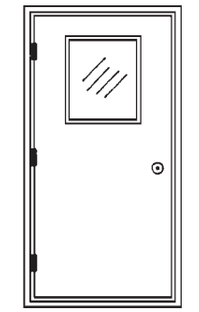
Diamond/Sea Glaze Doors are available in bolt-in or weld-in style frames with radiused or mitred corners.

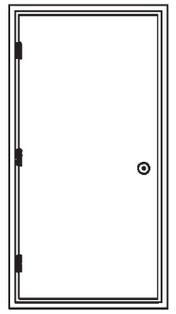

1R

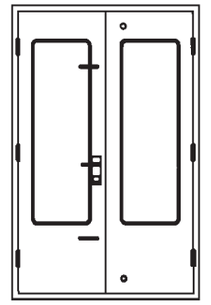

1M

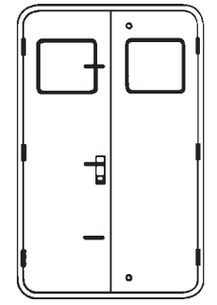

6R

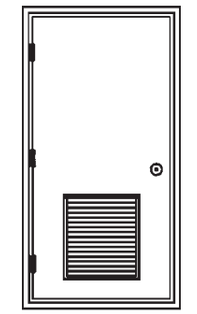

4M


6JM


1JM


10M


10M


4JM

Diamond Sea Glaze Locks

327603 (5312R-E)	Trioving Lock - Old RH	**$367.08 A**
327604 (5312L-E)	Trioving Lock - Old LH	**$367.08 A**
327605 (5312L-R)	Trioving Lock - New LH	**$367.08 A**
327609 (5312R-R)	Trioving Lock - New RH	**$367.08 A**
327610 (HWLS8900834)	Latch Bolt Spring	**$11.95 A**
327611 (5520010)	Lock Cylinder C/W 2 Keys	**$90.95 A**

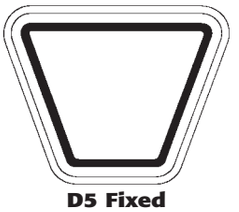
Call for prices and availability

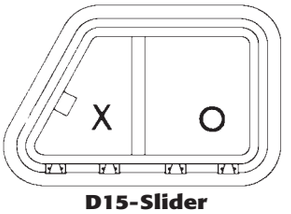
Many other models available specify size and handage Aluminum frames – skin, mill finish, anodized powder coat or wet paint Single panel, dutch style, french and sliding doors Door windows available [several styles]

Diamond/Sea Glaze – Quality Closures Fabricated to a Wide Variety of Shapes and Sizes

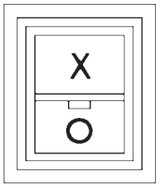
Medium Duty Windows (D5, D5/10, D15 Series)

A durable 1/4" glass slider with either 1/4" or 3/8" glass fixed window. Excellent for both motor and sailing vessels. Cost efficient. Available in 3 different radii (2-1/2", 3" and 3-1/2") and/or mitered corners.


D5 Fixed



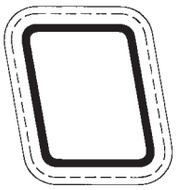
D15-Slider

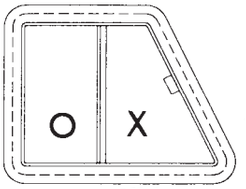


D15-Vert. Slider

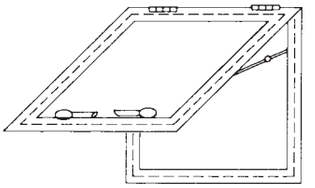
Commercial Duty Windows (106 Series)

A heavier series of extrusions able to take up to 1/2" glass in the fixed and 3/8" in the sliding window. Unique design features glass in its own aluminum reinforced vent for higher durability and security. Available in 3" radius and/or mitered corners.


106 Fixed

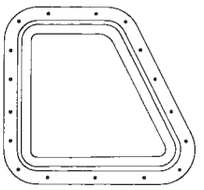


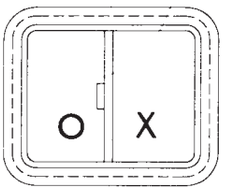
106 Slider


106 Hinged

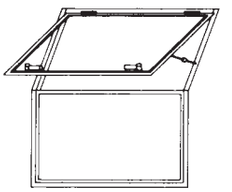
Heavy Duty Windows (200F, 400 Series, 150 and 350 Hinged)

True offshore windows capable of taking glass to 3/4" (including sliding thermopane sealed units). Windows can be either bolted-in or welded. Available in 3" radius or mitered corners.


200 Fixed



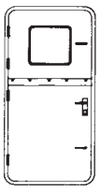
400 Slider

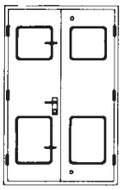

350-2 Panel Hinged

Commercial Duty Weathertight Doors (150 Series)

An excellent double aluminum skin channel construction hinged door series for high traffic areas such as: Pilot/wheel house, galley, cabin/staterooms, engine room or main deck areas. A cost efficient door for both commercial and yacht applications.

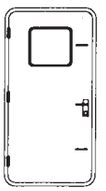

R-150 Solid

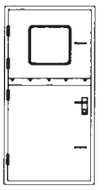

R-150 Dutch


M150 French

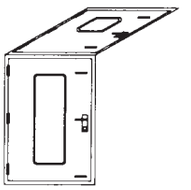
Heavy Duty Weathertight Doors (200 and 250 Series)

Strong hinged doors meeting CSI specifications for strength and magnitude. Available in channel or welded construction with either radius or mitered corners.


R250 Solid

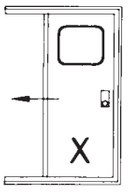

M250 Dutch


M250 French

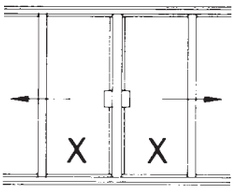

M250 Angled

Sliding Weathertight Doors (300 Series)

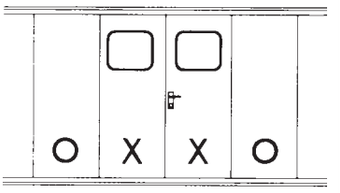
Both frame and door panels are welded construction to fit customers' openings. Angled and/or multi opening panels available. Mitered corners only.



300X



300XX



300 OXXO

Order Summary Sheet

Please Fill Out And Attach With Order Cover Sheet To Patterns. Retain A Copy For Your Own Records.

Letter Number of Template	Type: Series	Block Size	Glazing Specifications: Type Thickness and Tint	Corner Radius or Mitre	Wall Thickness	Comments: Shutters, Screens, Etc.

Customer: _____

Address: _____

_____

_____

Phone/Fax: _____

Number of Windows: _____

Number of Doors: _____

Number of Hatches: _____

Paint Color: _____

Date: _____ Del. Date: _____

Ship-Via: _____

Crate Type: _____

Comments: _____

S/G DIAMOND/SEA-GLAZE

Provide As Much Information As Possible

Drawing: _____

Cut & Mark: _____

Bending: _____

Checking: _____

Assembly: _____

Trimming: _____

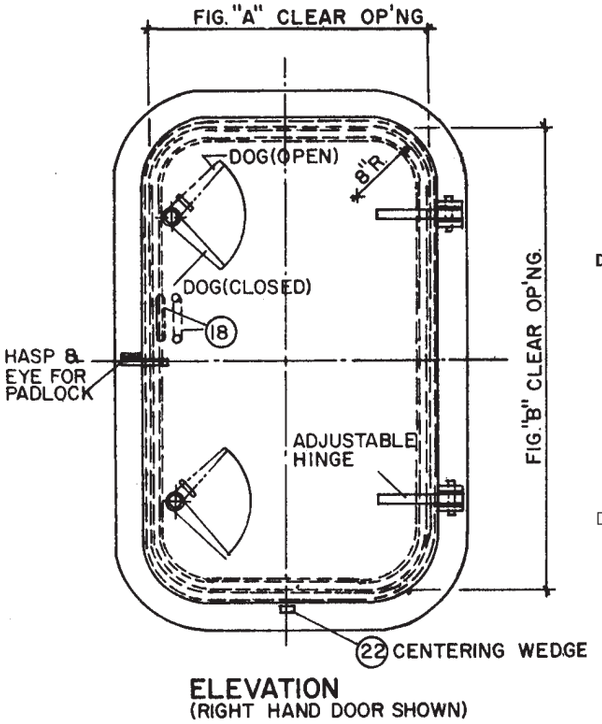
Glazing: _____

Crating: _____

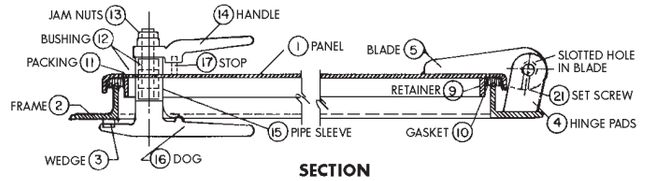
Doors: _____

Mitering: _____

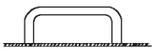
Gastight and Weathertight Door with Two Dogs



ELEVATION
(RIGHT HAND DOOR SHOWN)

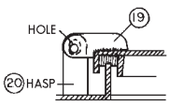


SECTION

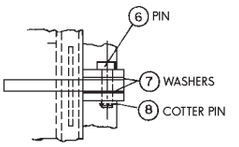


DETAIL OF GRAB HANDLE

Custom Built Item - Specify Size



DETAIL OF HASP & EYE

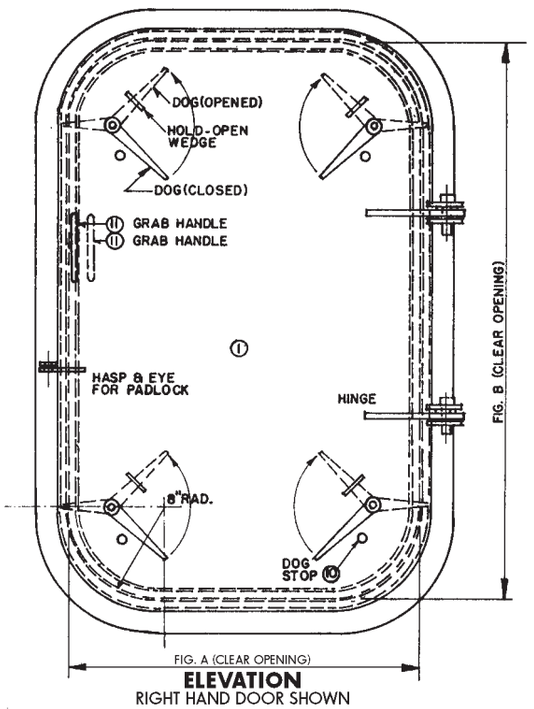


DETAIL OF HINGE

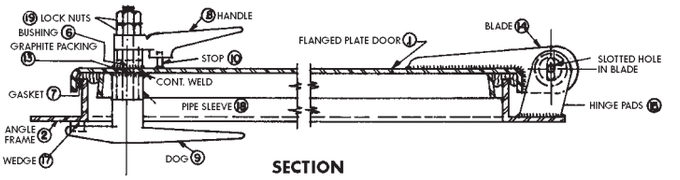
Drawing Number 100

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Delrin
2	Do.	13	Mild Steel
3	Do.	14	Frg. Steel
4	Do.	15	Mild Steel
5	Do.	16	Frg. Steel
6	Brass	17	Mild Steel
7	Do.	18	Do.
8	Do.	19	Do.
9	Mild Steel	20	Do.
10	Neoprene	21	Steel
11	Graphite	22	Do.

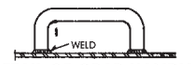
Watertight Door with Four Dogs



ELEVATION
RIGHT HAND DOOR SHOWN

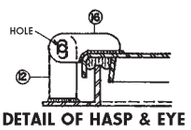


SECTION

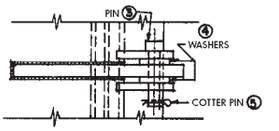


DETAIL OF GRAB HANDLE

Custom Built Item - Specify Size



DETAIL OF HASP & EYE

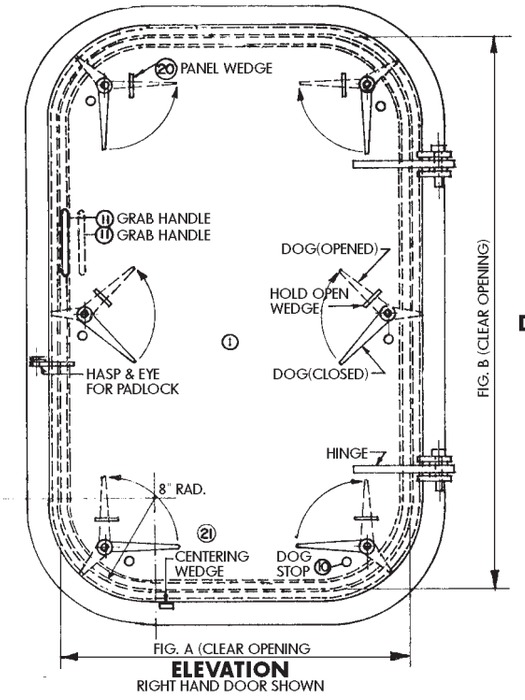


DETAIL PLAN OF HINGE

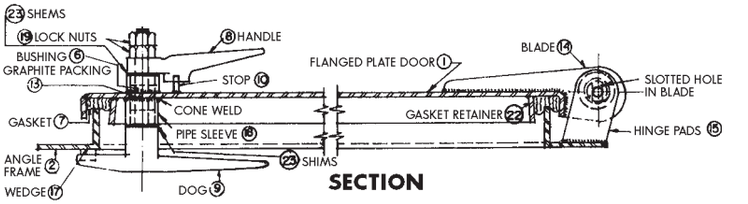
Drawing Number 101

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Mild Steel
2	Mild Steel	13	Graphite
3	Brass	14	Mild Steel
4	Brass	15	Mild Steel
5	Brass	16	Mild Steel
6	Delrin	17	Mild Steel
7	Neoprene	18	Mild Steel
8	Frg. Steel	19	Mild Steel
9	Frg. Steel		
10	Mild Steel		
11	Mild Steel		

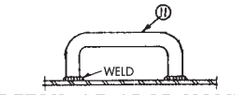
Watertight Door with Six Dogs



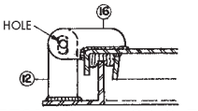
ELEVATION
RIGHT HAND DOOR SHOWN



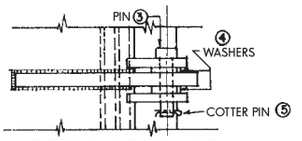
SECTION



DETAIL OF GRAB HANDLE



DETAIL OF HASP & EYE



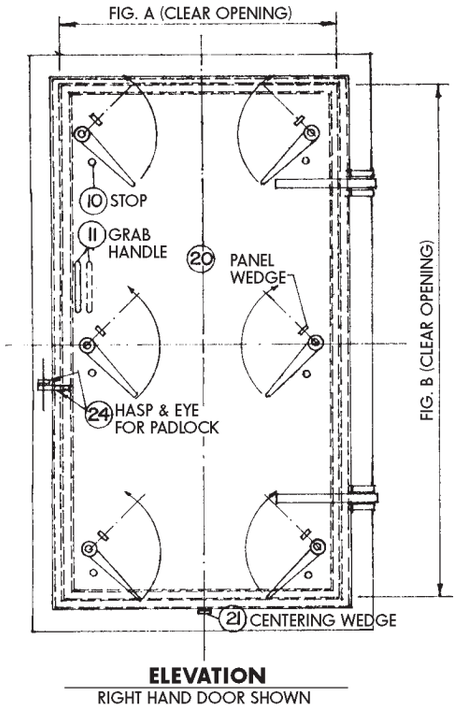
DETAIL OF HINGE

Custom Built Item - Specify Size

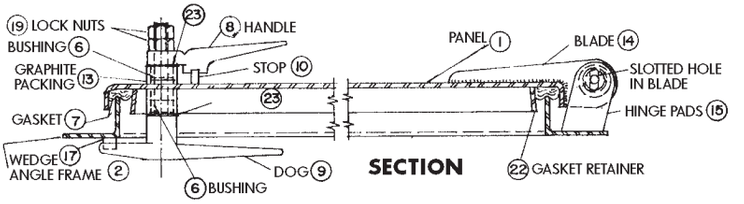
Drawing Number 102

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	13	Graphite
2	Mild Steel	14	Mild Steel
3	Brass	15	Mild Steel
4	Brass	16	Mild Steel
5	Brass	17	Mild Steel
6	Delrin	18	Mild Steel
7	Neoprene.	19	Mild Steel
8	Frg. Steel	20	Mild Steel
9	Frg. Steel	21	Mild Steel
10	Mild Steel	22	Mild Steel
11	Mild Steel	23	Brass
12	Mild Steel		

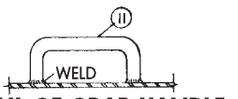
Watertight Square Door with Six Dogs



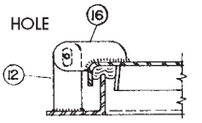
ELEVATION
RIGHT HAND DOOR SHOWN



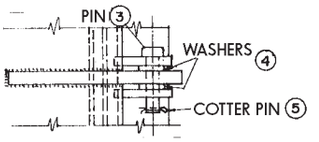
SECTION



DETAIL OF GRAB HANDLE



DETAIL OF HASP & EYE



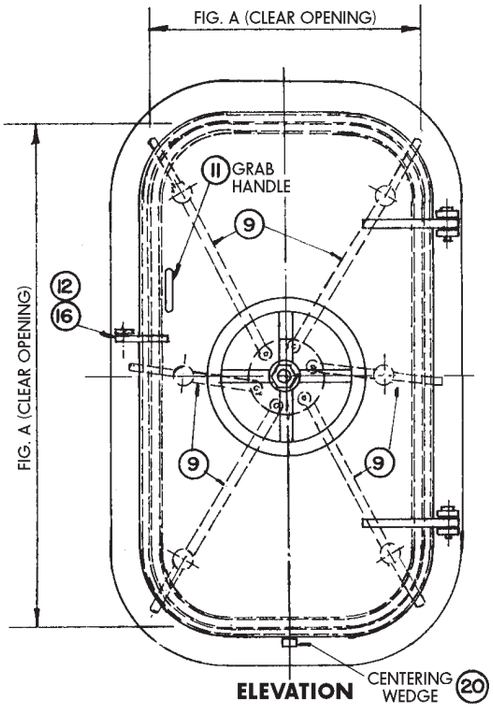
DETAIL OF HINGE

Custom Built Item - Specify Size

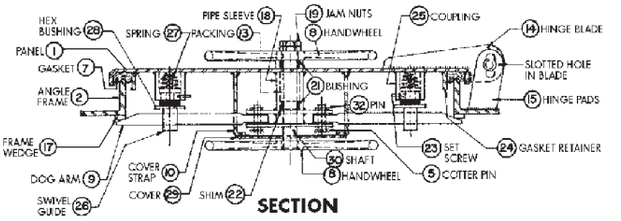
Drawing Number 103

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	13	Graphite
2	Mild Steel	14	Mild Steel
3	Brass	15	Mild Steel
4	Brass	16	Mild Steel
5	Mild Steel	17	Mild Steel
6	Delrin	18	Mild Steel
7	Neoprene.	19	Mild Steel
8	Frg. Steel	20	Mild Steel
9	Frg. Steel	21	Mild Steel
10	Mild Steel	22	Mild Steel
11	Mild Steel	23	Brass
12	Mild Steel	24	Mild Steel

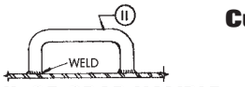
Quick Acting Watertight Door



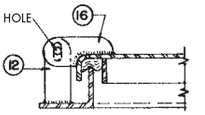
ELEVATION



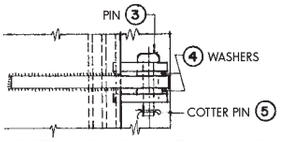
SECTION



DETAIL OF GRAB HANDLE



DETAIL OF HASP & EYE



DETAIL PLAN OF HINGE

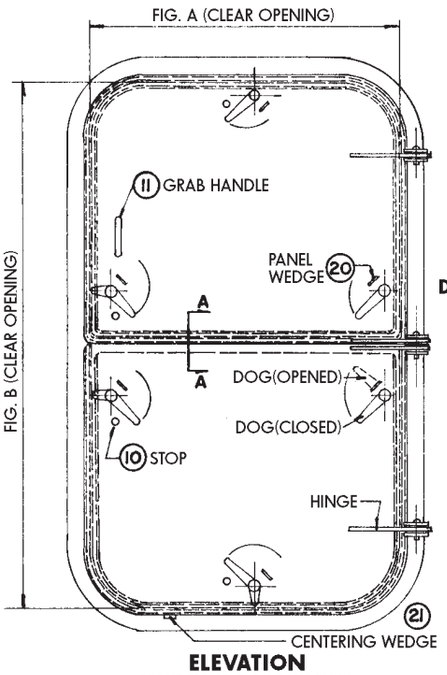
Custom Built Item - Specify Size

Drawing Number 104

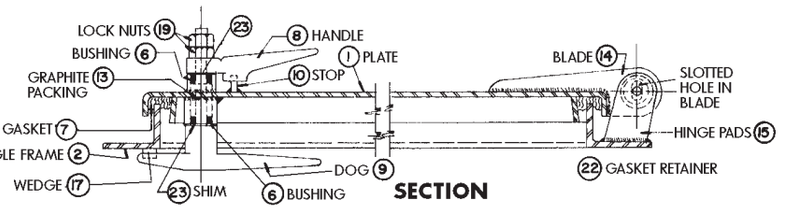
Schedule Of Materials

Pc. No.	Material	Pc. No.	Material
1	Mild Steel	17	Mild Steel
2	Mild Steel	18	Mild Steel
3	Brass	19	Mild Steel
4	Brass	20	Mild Steel
5	Brass	21	Delrin
6	Mild Steel	22	Brass
7	Neoprene	23	Mild Steel
8	Mild Steel	24	Mild Steel
9	Mild Steel	25	Mild Steel
10	Mild Steel	26	Brass
11	Mild Steel	27	Mild Steel
12	Mild Steel	28	Mild Steel
13	Graphite	29	Mild Steel
14	Mild Steel	30	C.F. Steel
15	Mild Steel	31	Mild Steel
16	Mild Steel		

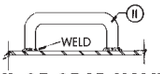
Watertight Dutch Door with Six Dogs



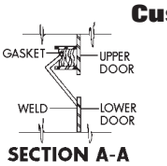
ELEVATION
RIGHT HAND DOOR SHOWN



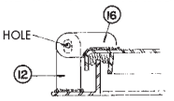
SECTION



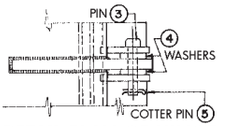
DETAIL OF GRAB HANDLE



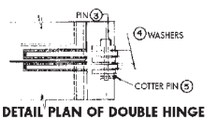
SECTION A-A



DETAIL OF HASP & EYE



DETAIL PLAN OF HINGE



DETAIL PLAN OF DOUBLE HINGE

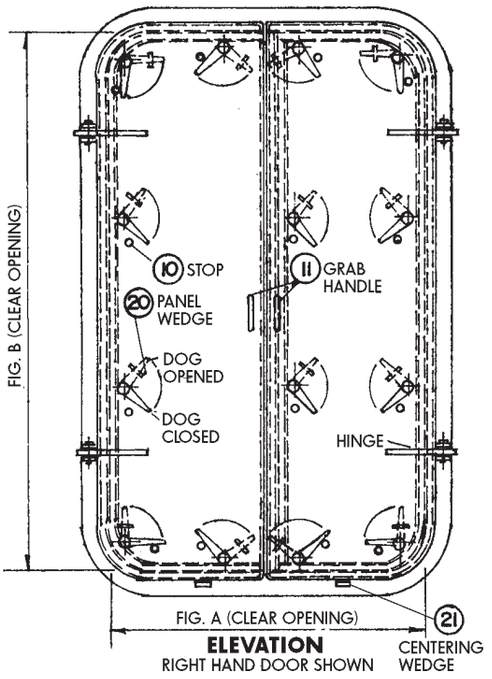
Custom Built Item - Specify Size

Drawing Number 105

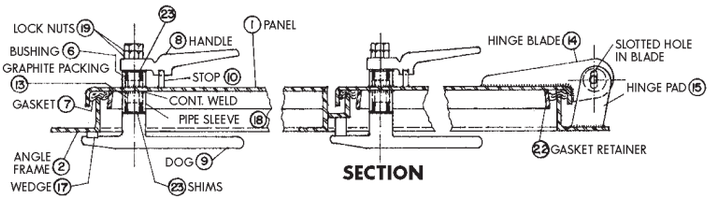
Schedule Of Materials

Pc. No.	Material	Pc. No.	Material
1	Mild Steel	13	Graphite
2	Mild Steel	14	Mild Steel
3	Brass	15	Mild Steel
4	Brass	16	Mild Steel
5	Mild Steel	17	Mild Steel
6	Delrin	18	Mild Steel
7	Neoprene	19	Mild Steel
8	Frg. Steel	20	Mild Steel
9	Frg. Steel	21	Mild Steel
10	Mild Steel	22	Mild Steel
11	Mild Steel	23	Brass
12	Mild Steel		

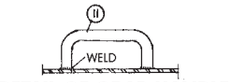
Watertight Double Door



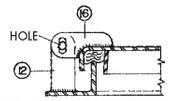
ELEVATION
RIGHT HAND DOOR SHOWN



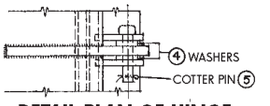
SECTION



DETAIL OF GRAB HANDLE



DETAIL OF HASP & EYE



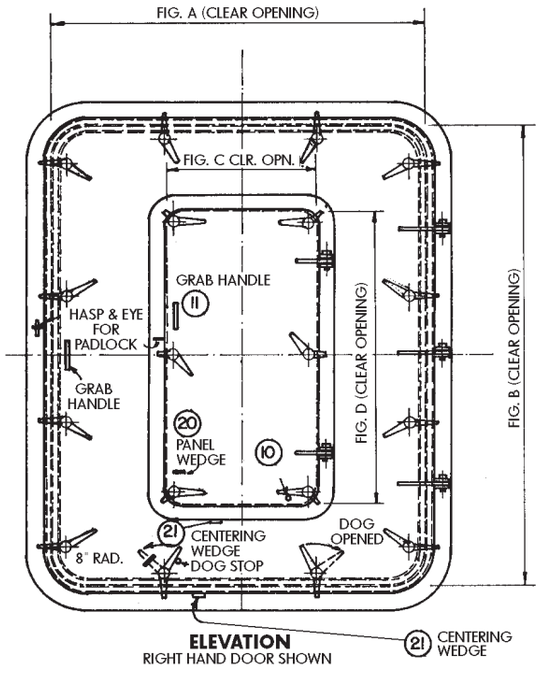
DETAIL PLAN OF HINGE

Custom Built Item - Specify Size

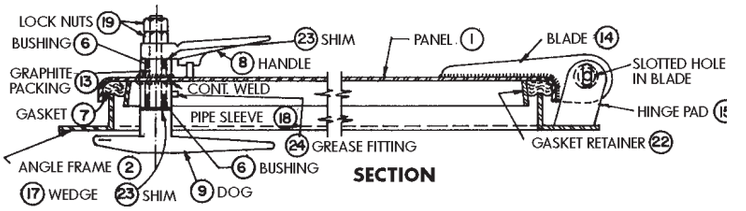
Drawing Number 106

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	13	Graphite
2	Mild Steel	14	Mild Steel
3	Brass	15	Mild Steel
4	Brass	16	Mild Steel
5	Mild Steel	17	Mild Steel
6	Delrin	18	Mild Steel
7	Neoprene	19	Mild Steel
8	Frg. Steel	20	Mild Steel
9	Frg. Steel	21	Mild Steel
10	Mild Steel	22	Mild Steel
11	Mild Steel	23	Brass
12	Mild Steel		

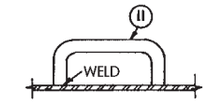
Watertight Door – Personal and Equipment



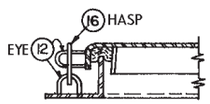
ELEVATION
RIGHT HAND DOOR SHOWN



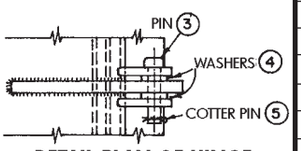
SECTION



DETAIL OF GRAB HANDLE



DETAIL OF HASP & EYE



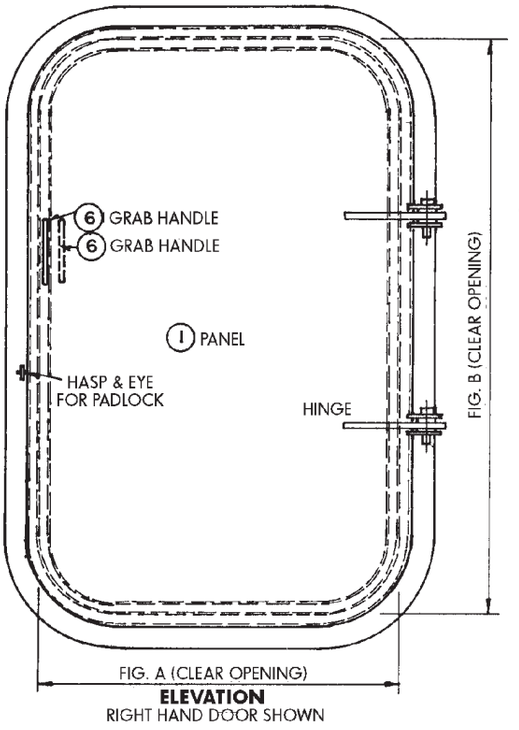
DETAIL PLAN OF HINGE

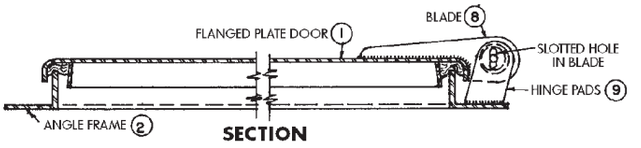
Custom Built Item - Specify Size

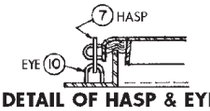
Drawing Number 107

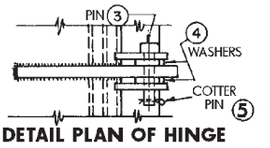
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	13	Graphite
2	Mild Steel	14	Mild Steel
3	Brass	15	Mild Steel
4	Stainless	16	Mild Steel
5	Stainless	17	Frg. Steel
6	Delrin	18	Mild Steel
7	Neoprene	19	Mild Steel
8	Frg. Steel	20	Mild Steel
9	Frg. Steel	21	Mild Steel
10	Mild Steel	22	Mild Steel
11	Mild Steel	23	Stainless
12	Mild Steel	24	Plated Steel

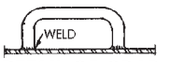
Non-tight Door









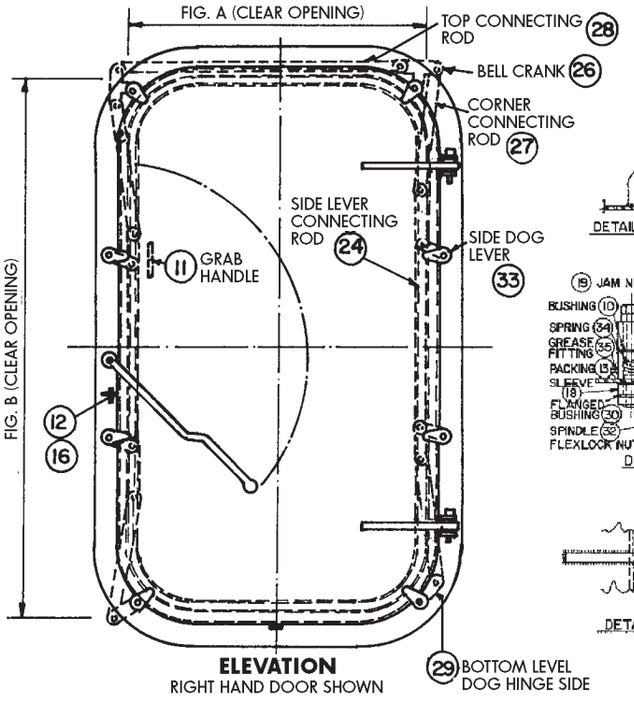


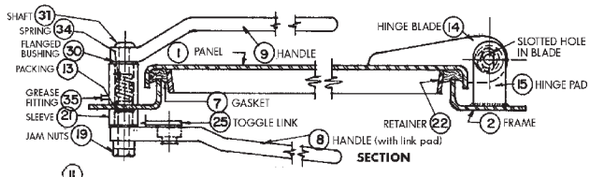
Custom Built Item - Specify Size

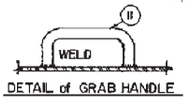
Drawing Number 108

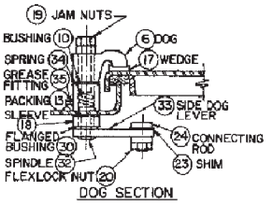
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	6	Mild Steel
2	Mild Steel	7	Mild Steel
3	Brass	8	Mild Steel
4	Stainless	9	Mild Steel
5	Stainless	10	Mild Steel

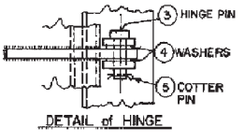
Quick Acting Lever Type Door









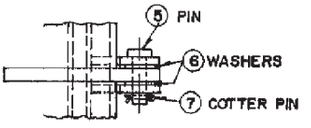


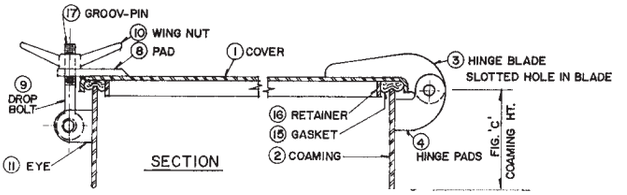
Custom Built Item - Specify Size

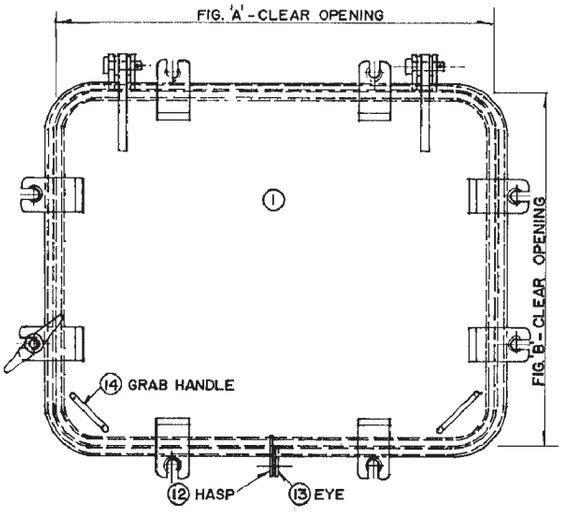
Drawing Number 109

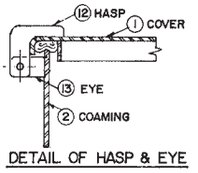
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	19	Mild Steel
2	Mild Steel	20	Mild Steel
3	Brass	21	Mild Steel
4	Stainless	22	Mild Steel
5	Stainless	23	Stainless
6	Frg. Steel	24	Mild Steel
7	Neoprene	25	Mild Steel
8	Frg. Steel	26	Mild Steel
9	Frg. Steel	27	Mild Steel
10	Oilite Bronze	28	Mild Steel
11	Mild Steel	29	Mild Steel
12	Mild Steel	30	Oilite Bronze
13	Graphite	31	Cold Finish
14	Mild Steel	32	Cold Finish
15	Mild Steel	33	Mild Steel
16	Mild Steel	34	Stainless
17	Stainless	35	Plated Steel
18	Mild Steel		

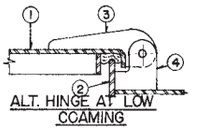
Watertight Hatch with Drop Bolts









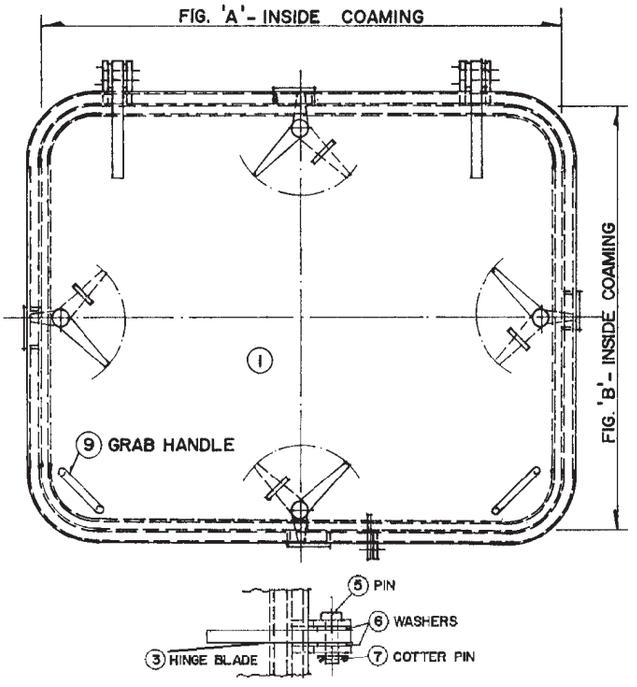


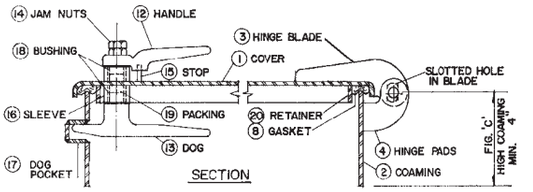
Custom Built Item - Specify Size

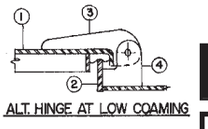
Drawing Number 200

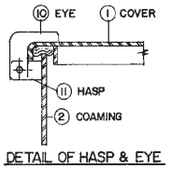
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Mild Steel
2	Mild Steel	13	Mild Steel
3	Mild Steel	14	Mild Steel
4	Mild Steel	15	Neoprene
5	Brass	16	Mild Steel
6	Brass	17	Stainless
7	Brass	18	Brass
8	Mild Steel		
9	Bronze		
10	Bronze		
11	Mild Steel		

Watertight Hatch







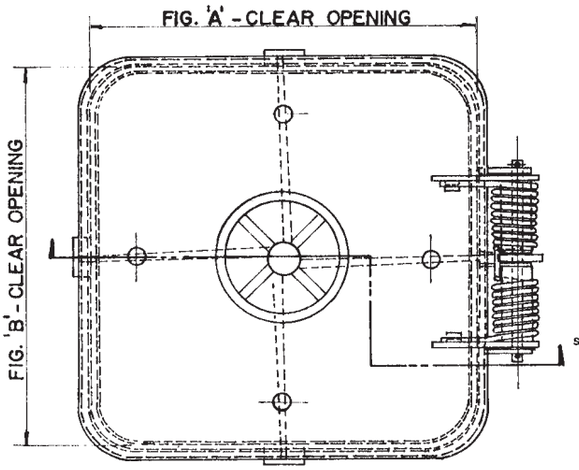


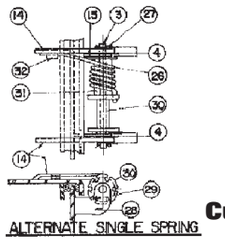
Custom Built Item - Specify Size

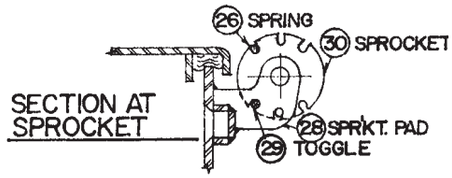
Drawing Number 201

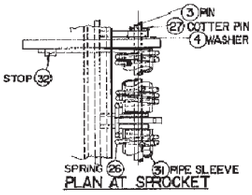
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Frg. Steel
2	Mild Steel	13	Frg. Steel
3	Mild Steel	14	Steel
4	Mild Steel	15	Steel
5	Brass	16	Steel
6	Brass	17	Steel
7	Brass	18	Delrin
8	Neoprene	19	Graphite
9	Steel	20	Mild Steel
10	Mild Steel		
11	Mild Steel		

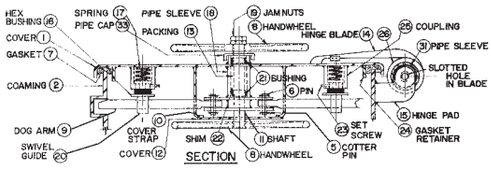
Spring Balance Quick Acting Watertight Hatch











Custom Built Item - Specify Size

Drawing Number 202

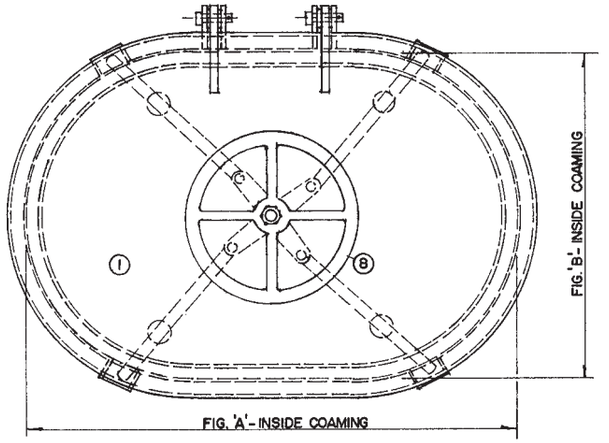
Schedule Of Materials

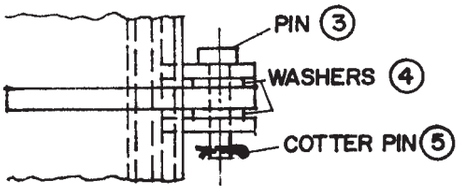
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	19	Mild Steel
2	Mild Steel	20	Brass
3	Cold Finish	21	Delrin
4	Brass	22	Brass
5	Brass	23	Steel
6	Brass	24	Mild Steel
7	Neoprene	25	Mild Steel
8	Mild Steel	26	Spring Steel
9	Mild Steel	27	Brass
10	Mild Steel	28	Mild Steel
11	Cold Finish	29	Mild Steel
12	Mild Steel	30	Mild Steel
13	Graphite	31	Mild Steel
14	Mild Steel	32	Mild Steel
15	Mild Steel	33	Mild Steel
16	Mild Steel		
17	Spring Steel		
18	Mild Steel		

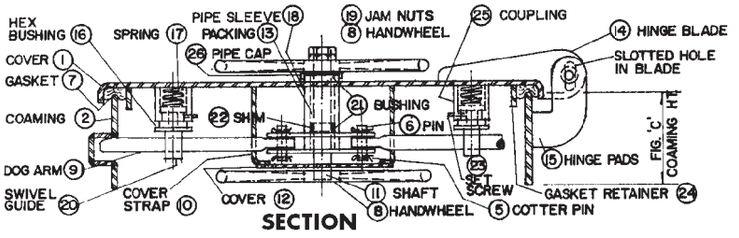
Replacement Hinge and Spring Assembly for Centex #202

279352 (HR202) **$648.00 A**

Quick Acting Watertight Hatch







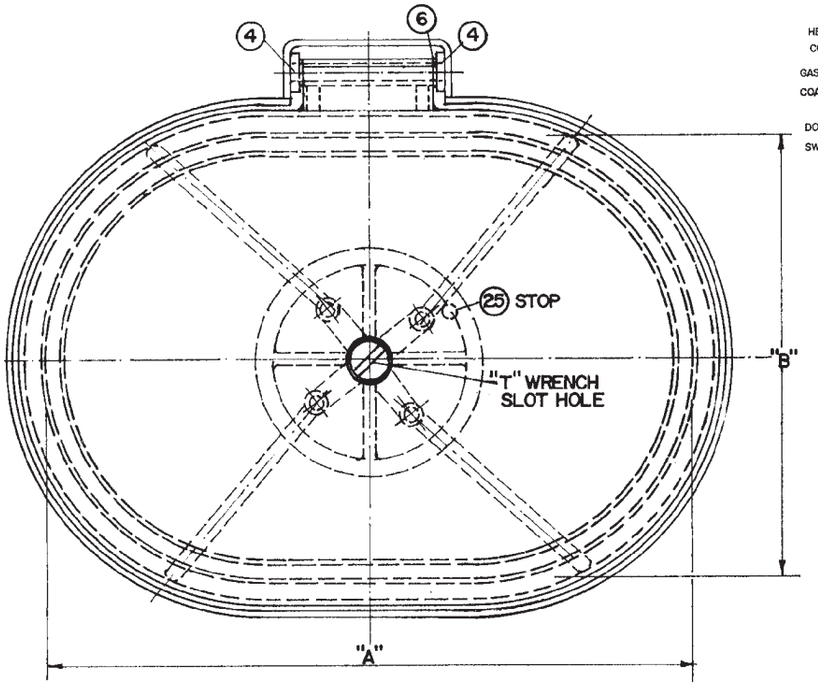
Custom Built Item - Specify Size

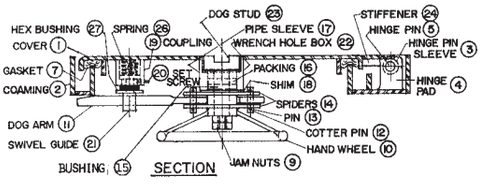
Drawing Number 203

Schedule Of Materials

Pc. No.	Material	Pc. No.	Material
1	Mild Steel	14	Mild Steel
2	Mild Steel	15	Mild Steel
3	Brass	16	Mild Steel
4	Brass	17	Spring Steel
5	Brass	18	Mild Steel
6	Brass	19	Mild Steel
7	Neoprene	20	Brass
8	Mild Steel	21	Delrin
9	Mild Steel	22	Brass
10	Mild Steel	23	Steel
11	Cold Finish	24	Mild Steel
12	Mild Steel	25	Mild Steel
13	Graphite	26	Mild Steel

Quick Acting Oval Watertight Hatch



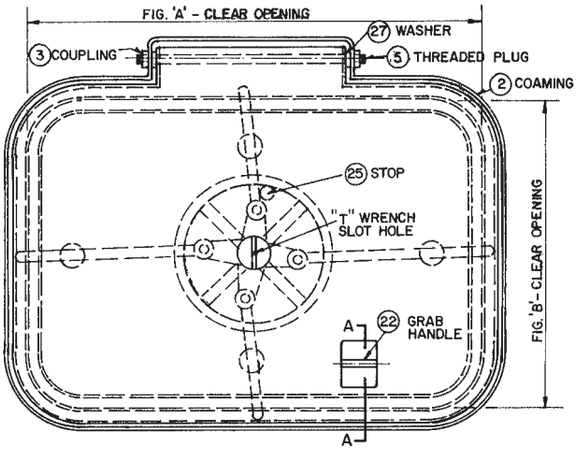


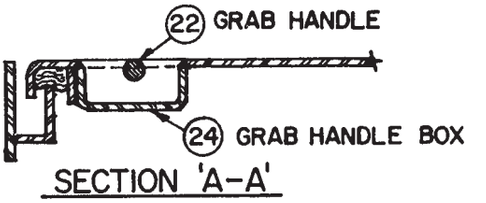
Custom Built Item - Specify Size

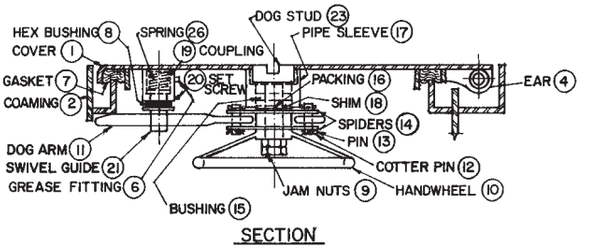
Drawing Number 204

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	16	Graphite
2	Mild Steel	17	Mild Steel
3	Mild Steel	18	Brass
4	Mild Steel	19	Mild Steel
5	Cold Finish	20	Mild Steel
6	Brass	21	Brass
7	Neoprene	22	Mild Steel
8	Mild Steel	23	Brass
9	Mild Steel	24	Mild Steel
10	Mild Steel	25	Mild Steel
11	Mild Steel	26	Spring Steel
12	Brass	27	Mild Steel
13	Brass		
14	Mild Steel		
15	Delrin		

Quick Acting Watertight Flush Hatch





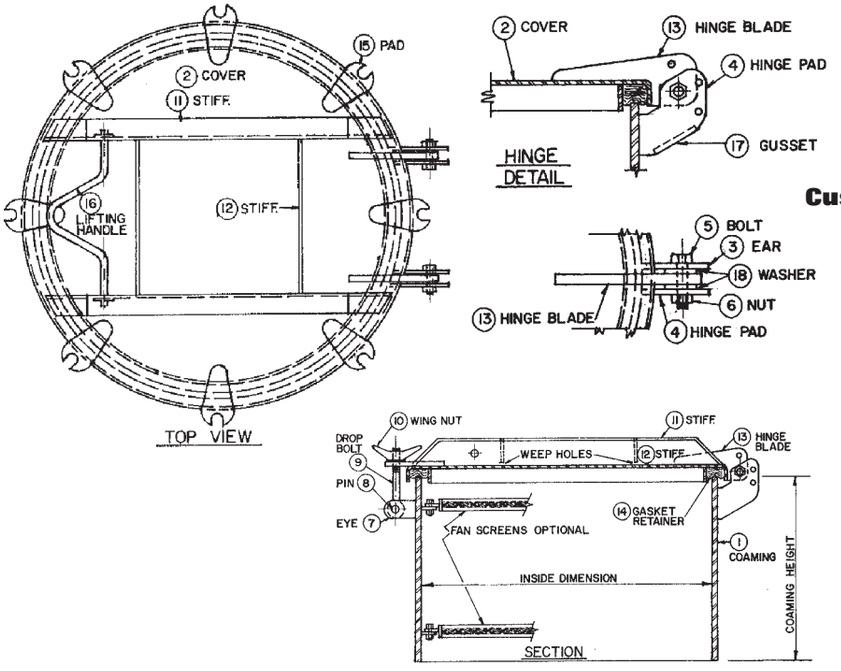


Custom Built Item - Specify Size

Drawing Number 205

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	16	Graphite
2	Mild Steel	17	Cold Finish
3	Mild Steel	18	Stainless
4	Mild Steel	19	Mild Steel
5	Mild Steel	20	Mild Steel
6	Cold Finish	21	Brass
7	Neoprene	22	Mild Steel
8	Mild Steel	23	Brass
9	Mild Steel	24	Mild Steel
10	Aluminum	25	Mild Steel
11	Cold Finish	26	Spring Steel
12	Stainless	27	Stainless
13	Brass		
14	Mild Steel		
15	Delrin		

Watertight Hatch with Drop Bolts

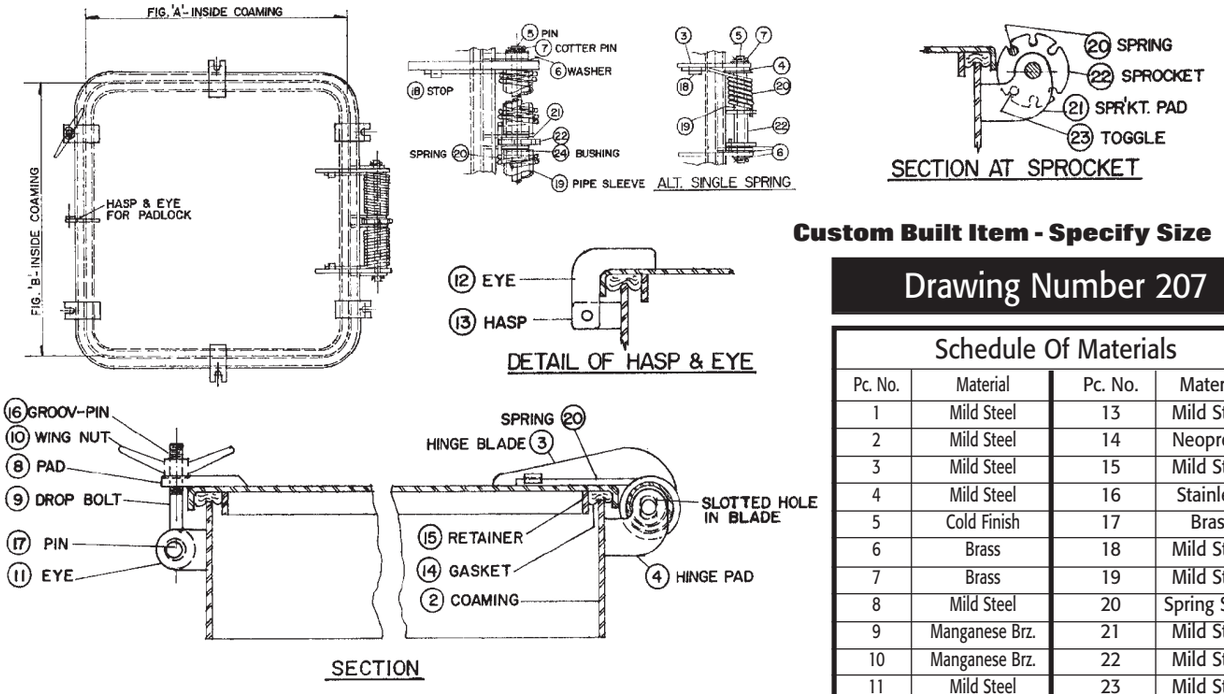


Custom Built Item - Specify Size

Drawing Number 206

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Mild Steel
2	Mild Steel	13	Mild Steel
3	Mild Steel	14	Neoprene
4	Mild Steel	15	Mild Steel
5	Stainless	16	Cold Finish
6	Stainless	17	Mild Steel
7	Mild Steel	18	Stainless
8	Brass		
9	Brass		
10	Brass		
11	Mild Steel		

Spring Balance Rectangular or Square Dog Hatch

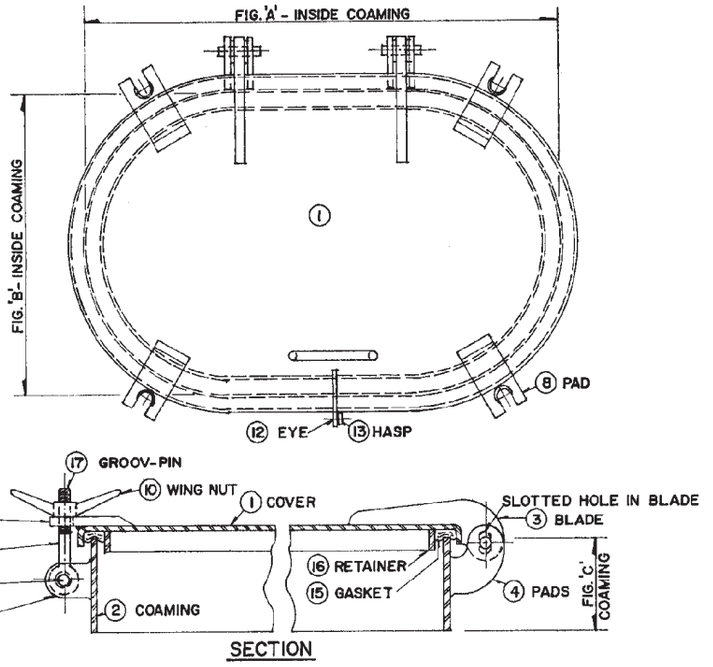


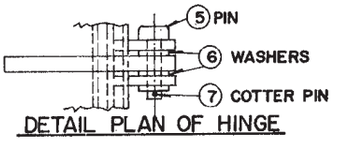
Custom Built Item - Specify Size

Drawing Number 207

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	13	Mild Steel
2	Mild Steel	14	Neoprene
3	Mild Steel	15	Mild Steel
4	Mild Steel	16	Stainless
5	Cold Finish	17	Brass
6	Brass	18	Mild Steel
7	Brass	19	Mild Steel
8	Mild Steel	20	Spring Steel
9	Manganese Brz.	21	Mild Steel
10	Manganese Brz.	22	Mild Steel
11	Mild Steel	23	Mild Steel
12	Mild Steel	24	Brass

Watertight Hatch with Drop Bolts



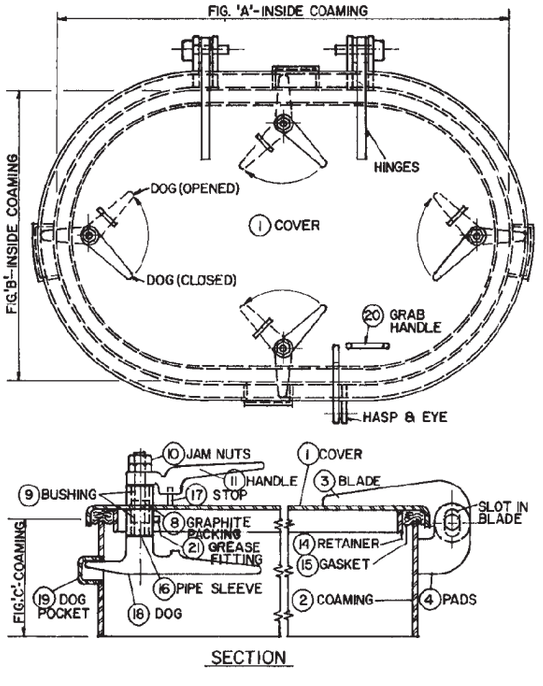


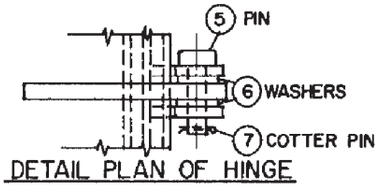
Custom Built Item - Specify Size

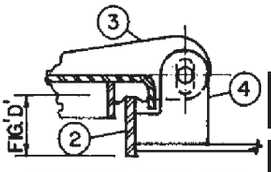
Drawing Number 208

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Mild Steel
2	Mild Steel	13	Mild Steel
3	Mild Steel	14	Steel
4	Mild Steel	15	Neoprene
5	Brass	16	Mild Steel
6	Brass	17	Stainless
7	Brass	18	Brass
8	Mild Steel		
9	Manganese Brz.		
10	Manganese Brz.		
11	Steel		

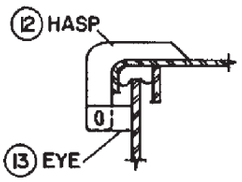
Watertight Hatch with Dogs







HINGE AT LOW COAMING



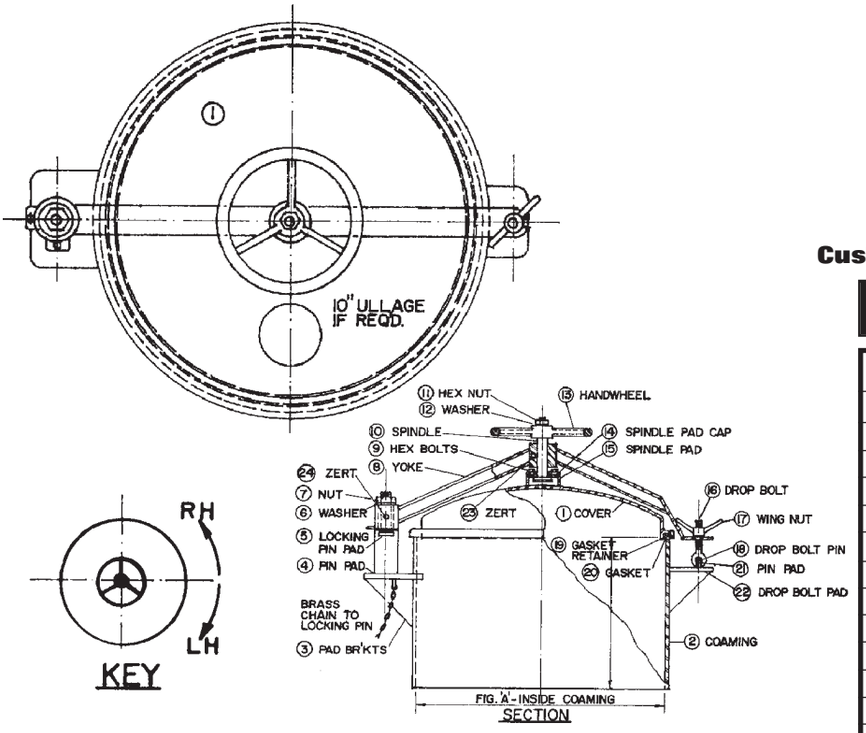
HASP & EYE DETAIL

Custom Built Item - Specify Size

Drawing Number 209

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Mild Steel
2	Mild Steel	13	Mild Steel
3	Mild Steel	14	Mild Steel
4	Mild Steel	15	Neoprene
5	Brass	16	Mild Steel
6	Stainless	17	Mild Steel
7	Stainless	18	Frg. Steel
8	Graphite	19	Mild Steel
9	Delrin	20	Mild Steel
10	Mild Steel	21	Plated
11	Frg. Steel		

Oil Cargo Hatch

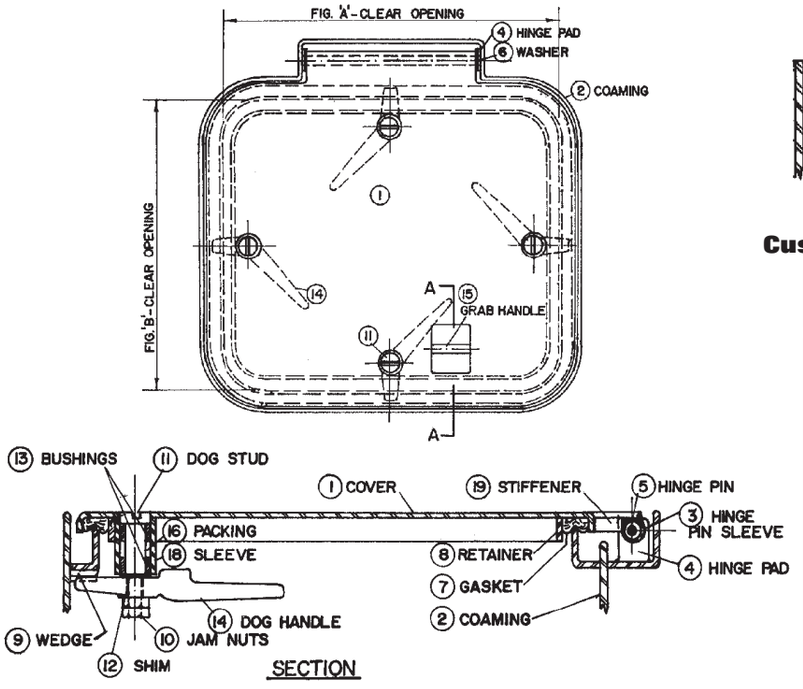


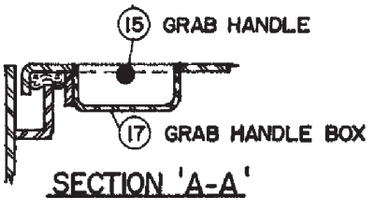
Custom Built Item - Specify Size

Drawing Number 210

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	13	Mild Steel
2	Mild Steel	14	Mild Steel
3	Mild Steel	15	Mild Steel
4	Mild Steel	16	Manganese Brz.
5	Mild Steel	17	Manganese Brz.
6	Brass	18	Brass
7	Steel	19	Mild Steel
8	Mild Steel	20	Neoprene
9	Steel	21	Mild Steel
10	Brass	22	Mild Steel
11	Steel	23	Steel
12	Brass	24	Steel

Watertight Flush Hatch



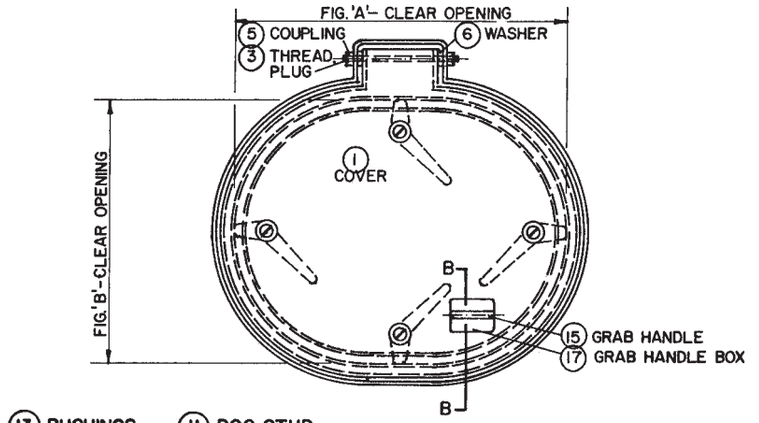


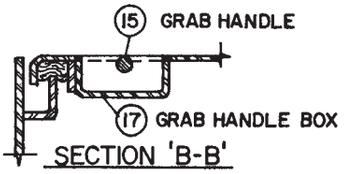
Custom Built Item - Specify Size

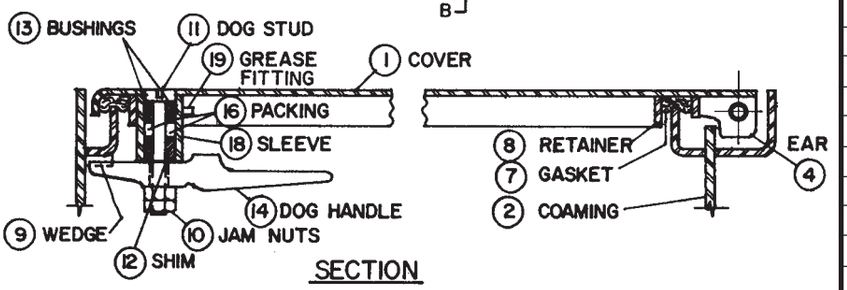
Drawing Number 211

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Brass
2	Mild Steel	13	Delrin
3	Mild Steel	14	Mild Steel
4	Mild Steel	15	Mild Steel
5	Cold Finish	16	Graphite
6	Brass	17	Mile Steel
7	Neoprene	18	Mild Steel
8	Mild Steel	19	Mild Steel
9	Mild Steel		
10	Steel		
11	Manganese Brz		

Watertight Flush Oval Hatch





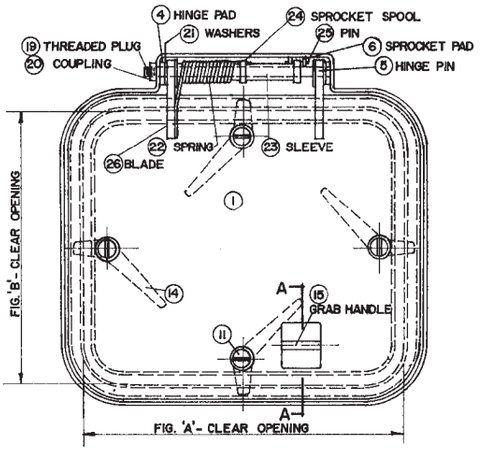


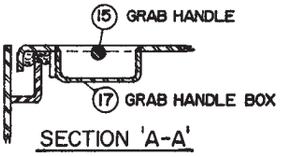
Custom Built Item - Specify Size

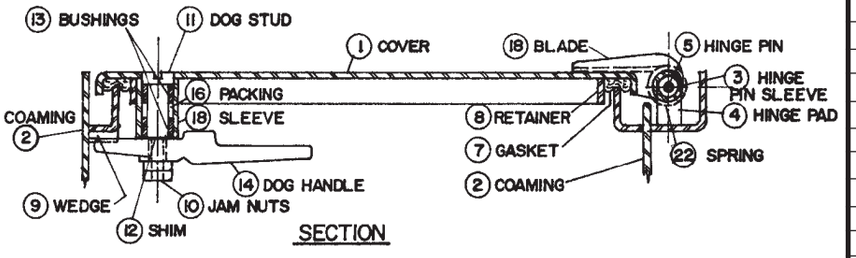
Drawing Number 212

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Stainless
2	Mild Steel	13	Delrin
3	Mild Steel	14	Manganese Brz.
4	Mild Steel	15	Mild Steel
5	Mild Steel	16	Graphite
6	Stainless	17	Mild Steel
7	Neoprene	18	Cold Finish
8	Mild Steel	19	Plated
9	Frg. Steel		
10	Steel		
11	Brass		

Watertight Flush Hatch with Spring Balanced Cover





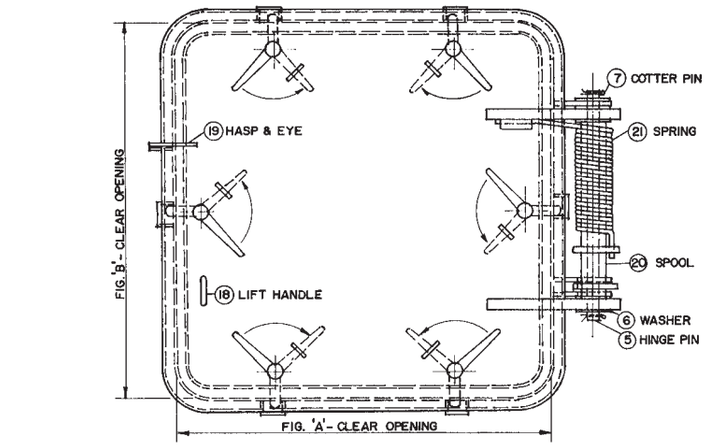


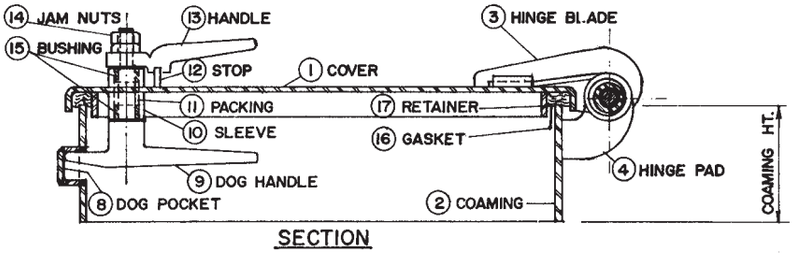
Custom Built Item - Specify Size

Drawing Number 213

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	14	Mild Steel
2	Mild Steel	15	Mild Steel
3	Mild Steel	16	Graphite
4	Mild Steel	17	Mild Steel
5	Cold Finish	18	Mild Steel
6	Mild Steel	19	Mild Steel
7	Neoprene	20	Steel
8	Mild Steel	21	Brass
9	Mild Steel	22	Spring Steel
10	Steel	23	Mild Steel
11	Manganese Brz.	24	Mild Steel
12	Brass	25	Mild Steel
13	Delrin	26	Mild Steel

Watertight Hatch – Spring Balanced



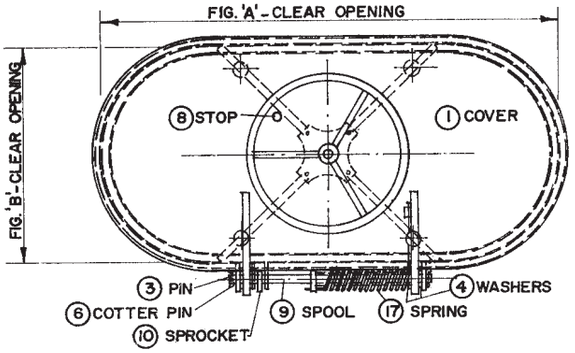


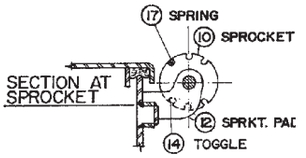
Custom Built Item - Specify Size

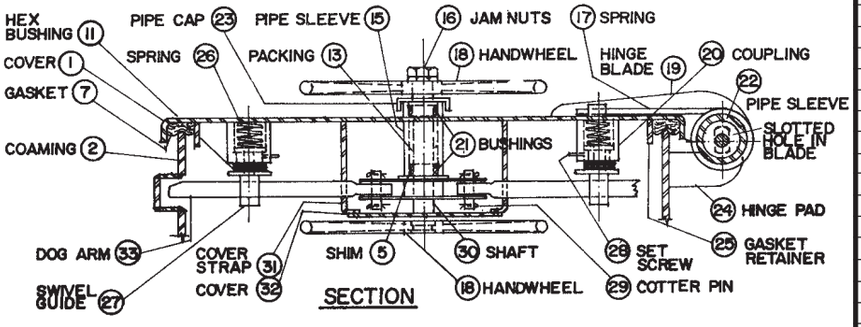
Drawing Number 214

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Mild Steel
2	Mild Steel	13	Frg. Steel
3	Mild Steel	14	Steel
4	Mild Steel	15	Delrin
5	Cold Finish	16	Neoprene
6	Brass	17	Mild Steel
7	Brass	18	Mild Steel
8	Mild Steel	19	Mild Steel
9	Frg. Steel	20	Mild Steel
10	Mild Steel	21	Spring Steel
11	Graphite		

Spring Balanced, Quick Acting Watertight Oval Hatch





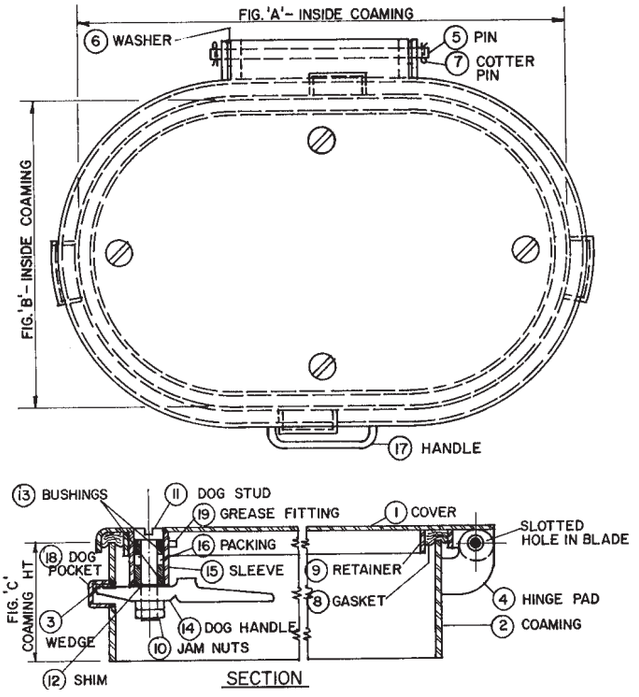


Custom Built Item - Specify Size

Drawing Number 215

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	19	Mild Steel
2	Mild Steel	20	Steel
3	Cold Finish	21	Delrin
4	Brass	22	Steel
5	Brass	23	Steel
6	Steel	24	Mild Steel
7	Neoprene	25	Mild Steel
8	Mild Steel	26	Spring Steel
9	Mild Steel	27	Brass
10	Mild Steel	28	Steel
11	Steel	29	Steel
12	Mild Steel	30	Cold Finish
13	Graphite	31	Mild Steel
14	Mild Steel	32	Mild Steel
15	Steel	33	Mild Steel
16	Steel		
17	Spring Steel		
18	Mild Steel		

Flushed Raised Oval Hatch

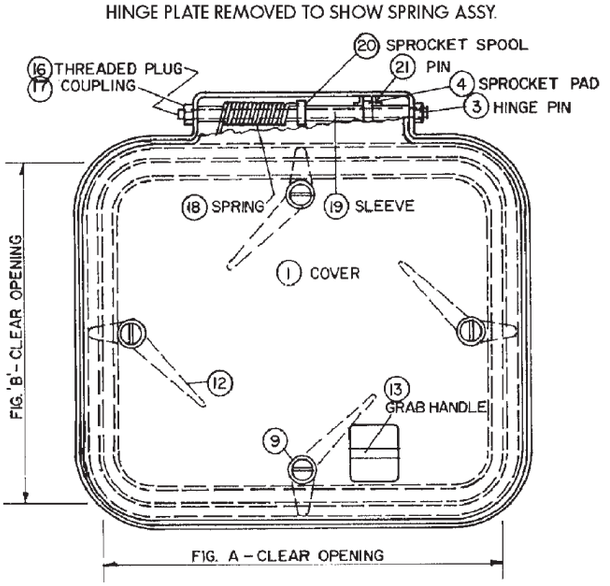


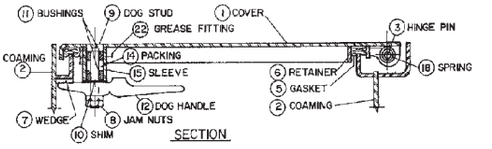
Custom Built Item - Specify Size

Drawing Number 216

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Stainless
2	Mild Steel	13	Delrin
3	Frg. Steel	14	Manganese Brz.
4	Mild Steel	15	Cold Finish
5	Cold Finish	16	Graphite
6	Stainless	17	Mild Steel
7	Stainless	18	Mild Steel
8	Neoprene	19	Plated
9	Mild Steel		
10	Steel		
11	Brass		

Watertight Flush Hatch with Spring Balanced Cover and Recessed Spring



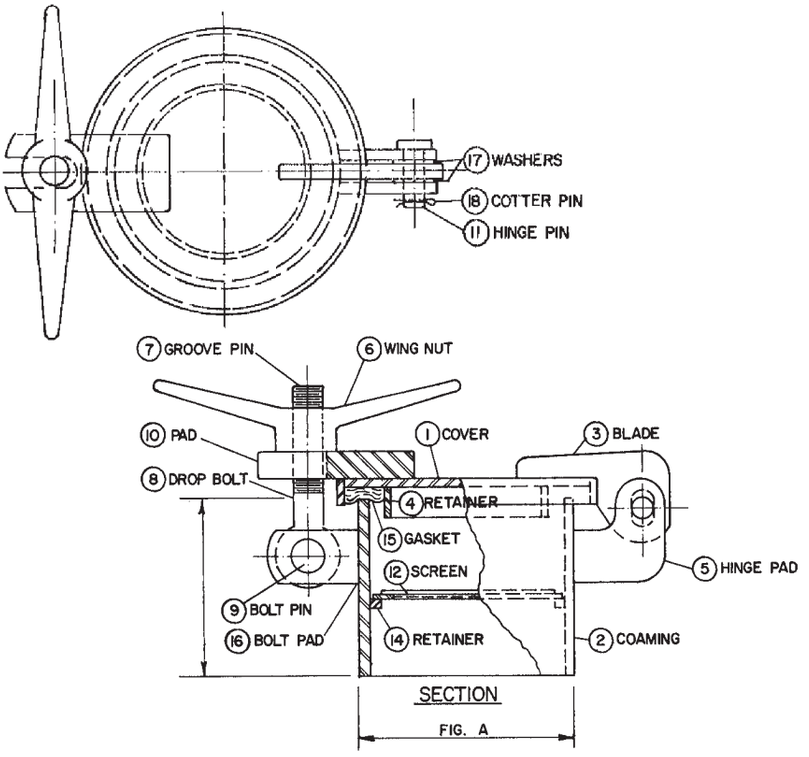


Custom Built Item - Specify Size

Drawing Number 217

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Manganese Brz.
2	Mild Steel	13	Mild Steel
3	Cold Finish	14	Graphite
4	Mild Steel	15	Mild Steel
5	Neoprene	16	Mild Steel
6	Mild Steel	17	Cold Finish
7	Frg. Steel	18	Spring Steel
8	Steel	19	Mild Steel
9	Brass	20	Mild Steel
10	Stainless	21	Mild Steel
11	Delrin	22	Plated

Ullage Hatch

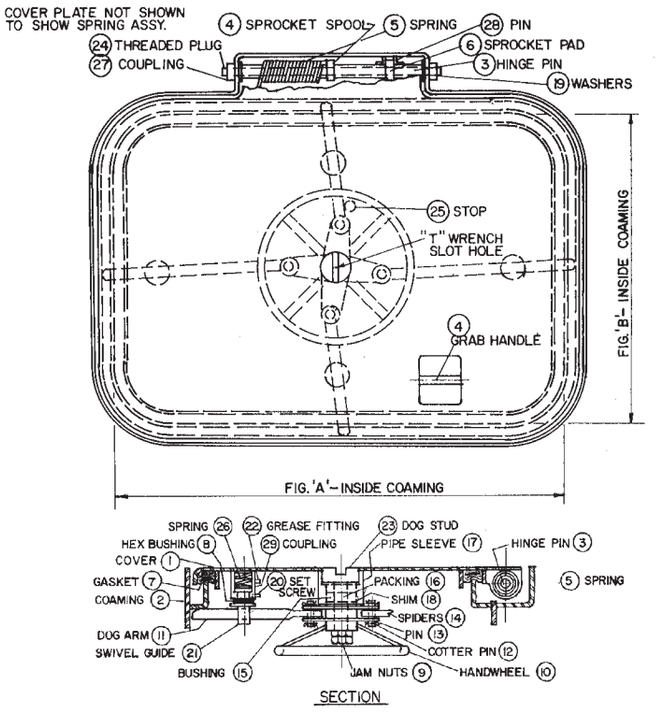


Custom Built Item - Specify Size

Drawing Number 218

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Brass
2	Mild Steel	13	Brass
3	Mild Steel	14	Mild Steel
4	Steel	15	Neoprene
5	Mild Steel	16	Mild Steel
6	Bronze	17	Stainless
7	Stainless	18	Stainless
8	Bronze		
9	Brass		
10	Mild Steel		
11	Brass		

Quick Acting Watertight Flush Hatch with Recessed Spring

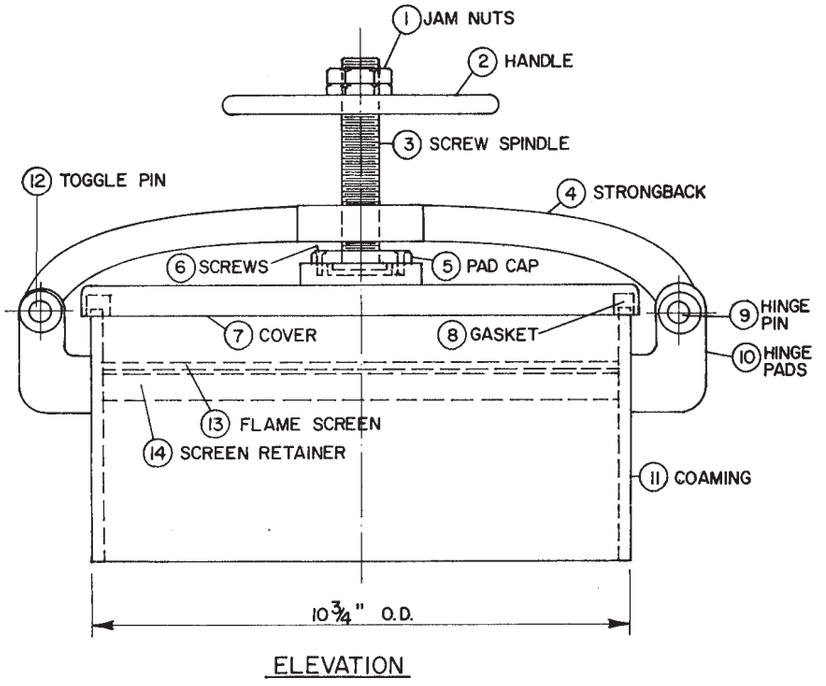


Custom Built Item - Specify Size

Drawing Number 219

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	17	Cold Finish
2	Mild Steel	18	Stainless
3	Cold Finish	19	Stainless
4	Mild Steel	20	Mild Steel
5	Spring Steel	21	Brass
6	Mild Steel	22	Plated
7	Neoprene	23	Brass
8	Mild Steel	24	Mild Steel
9	Steel	25	Mild Steel
10	Aluminum	26	Spring Steel
11	Cold Finish	27	Mild Steel
12	Stainless	28	Mild Steel
13	Brass	29	Mild Steel
14	Mild Steel		
15	Delrin		
16	Graphite		

Ullage Hatch



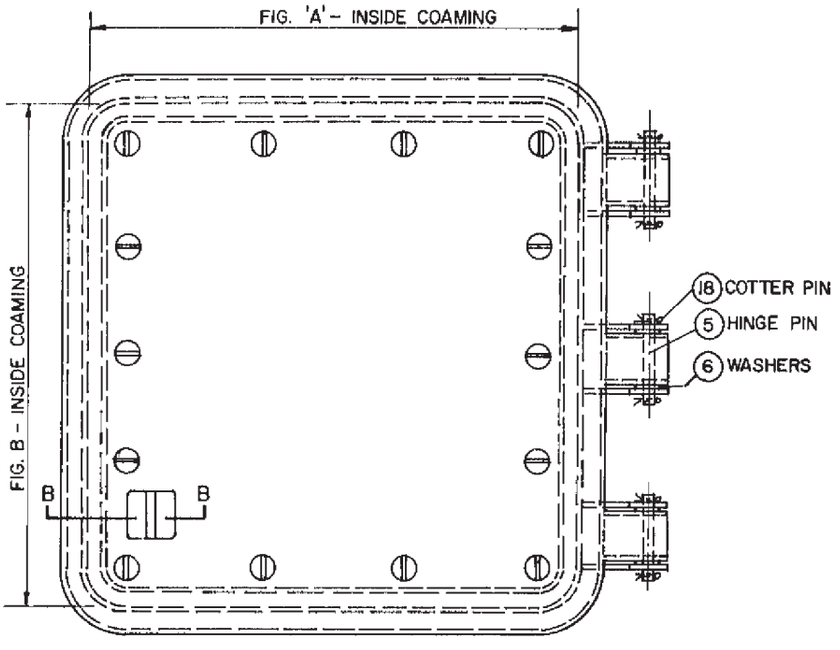
ELEVATION

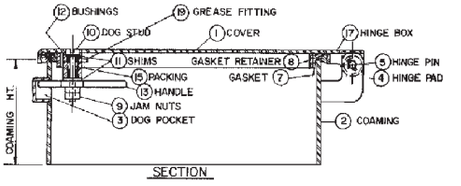
Custom Built Item - Specify Size

Drawing Number 220

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	10	Mild Steel
2	Brass	11	Mild Steel
3	Brass	12	Brass
4	Brass	13	Brass
5	Brass	14	Mild Steel
6	Steel		
7	Brass		
8	Neoprene		
9	Brass		

Watertight Rectangular Hatch





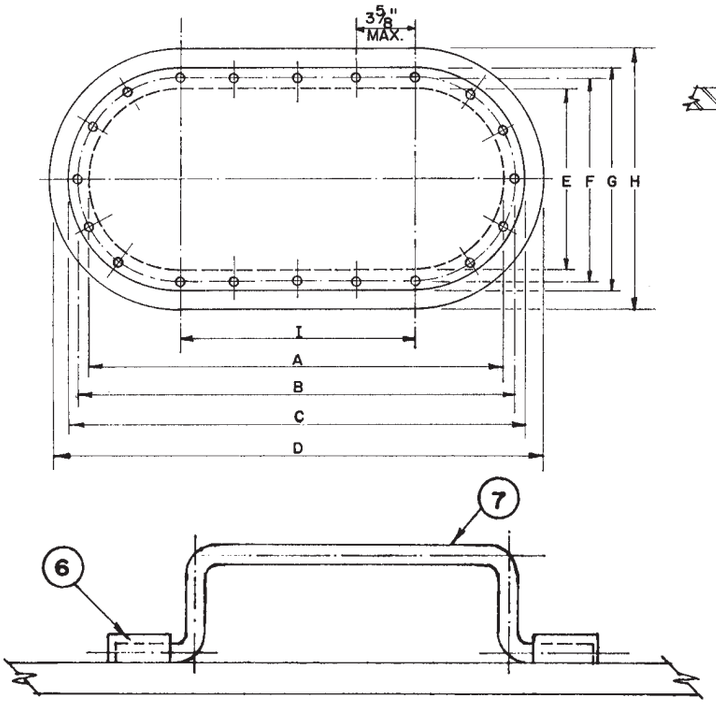
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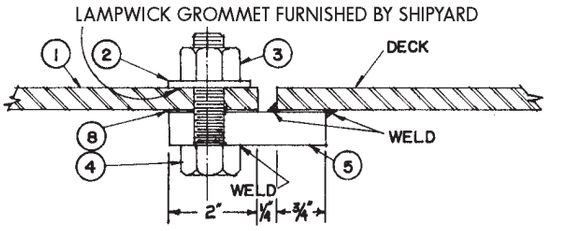
Custom Built Item - Specify Size

Drawing Number 221

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	12	Delrin
2	Steel	13	Manganese Brz.
3	Steel	14	Steel
4	Steel	15	Graphite
5	Cold Finish	16	Steel
6	Stainless	17	Steel
7	Neoprene	18	Stainless
8	Steel	19	Plated
9	Steel		
10	Brass		
11	Stainless		

Watertight Manhole Cover





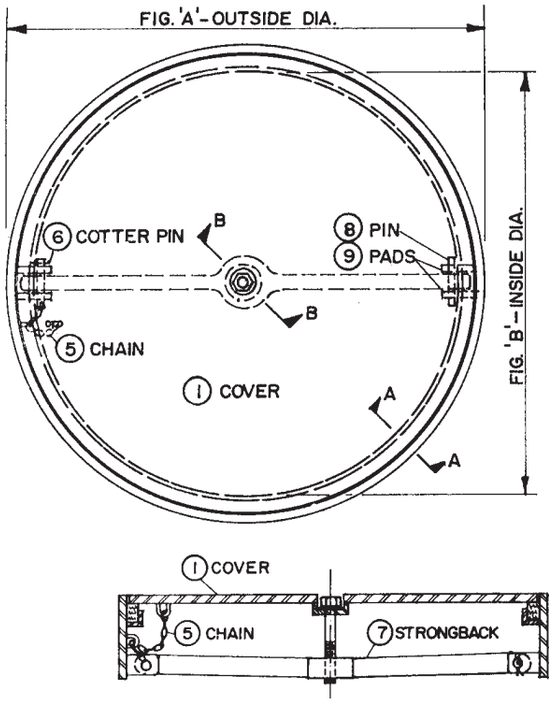
Custom Built Item - Specify Size

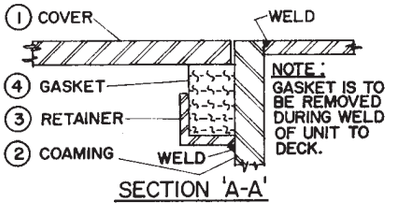
Drawing Number 300

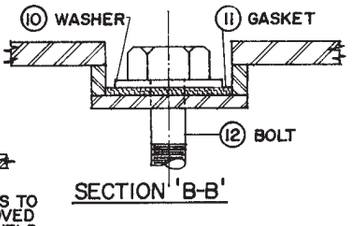
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	6	Steel
2	Plated Steel	7	Steel
3	Brass	8	Neoprene
4	Steel		
5	Steel		

Dimension Schedule									
Clear Opening	A	B	C	D	E	F	G	H	I
15" x 23"	23"	24-1/4"	27"	29"	15"	16-1/4"	19"	21"	8"
18" x 24"	24"	25-1/4"	28"	30"	18"	19-1/4"	22"	24"	6"

Single Bolt Manhole





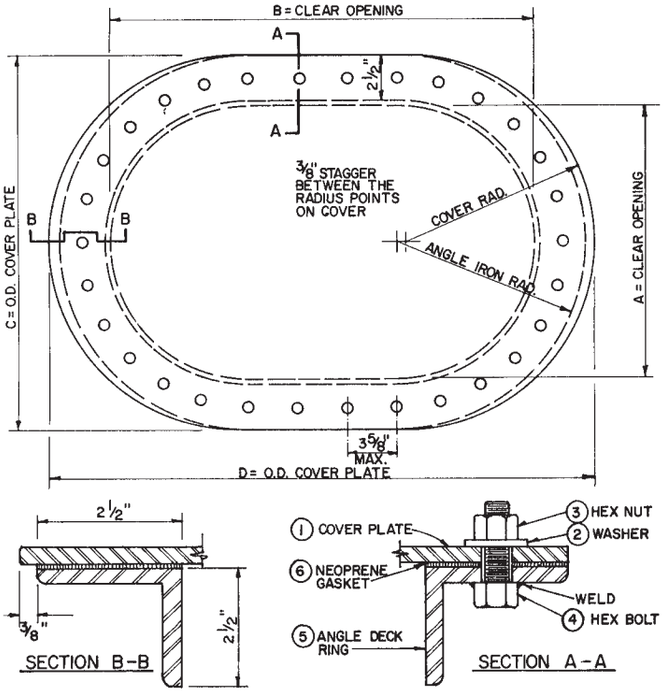


Custom Built Item - Specify Size

Drawing Number 301

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	7	Mild Steel
2	Mild Steel	8	Cold Finish
3	Mild Steel	9	Mild Steel
4	Neoprene	10	Brass
5	Steel	11	Neoprene
6	Steel	12	Stainless

Raised Bolted Plate Manhole



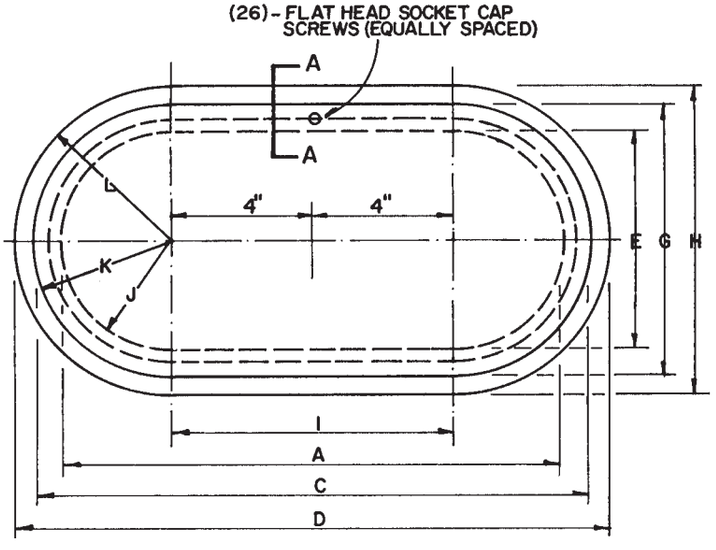
Custom Built Item - Specify Size

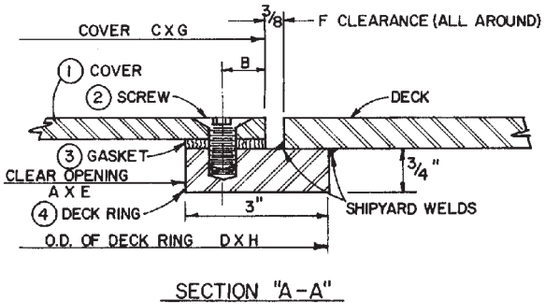
Drawing Number 302

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	5	Steel
2	Plated Steel	6	Neoprene
3	Plated Steel		
4	Plated Steel		

Dimension Schedule				
Clear Opening	A	B	C	D
15" x 23"	15"	23"	20"	28-3/4"
16" x 23"	16"	23"	21"	28-3/4"
18" x 24"	18"	24"	23"	29-3/4"

Flush Bolted Plated Manhole





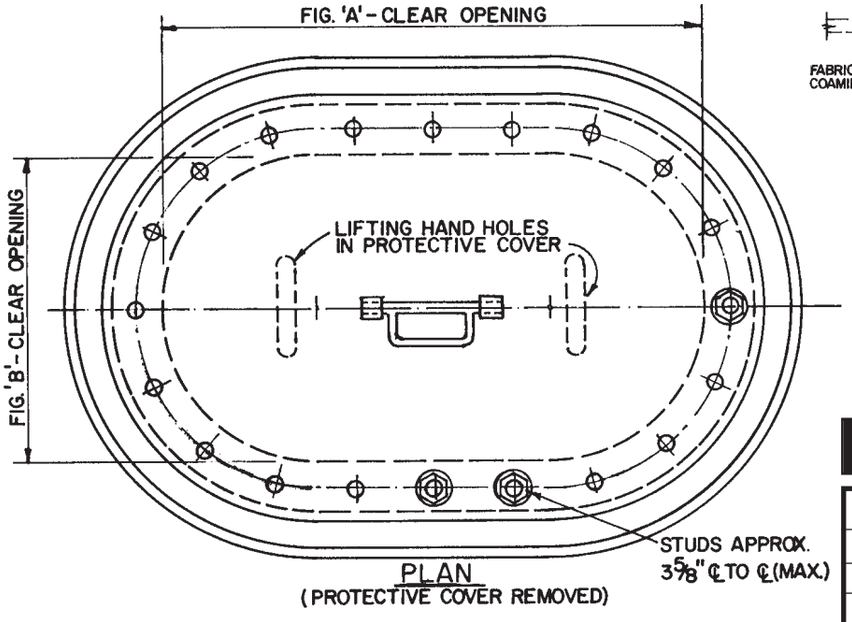
Custom Built Item - Specify Size

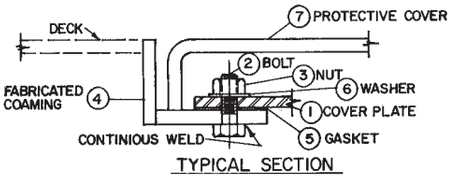
Drawing Number 303

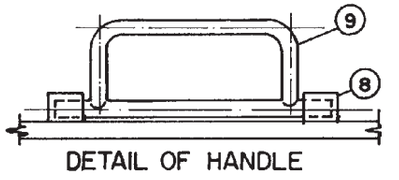
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	3	Neoprene
2	Stainless	4	Steel

Dimension Schedule												
Clear Opening	A	B	C	D	E	F	G	H	I	J	K	L
15" x 23"	15"	1-1/8"	27"	29"	15"	3/8"	19"	21"	8"	7-1/2"	9-1/2"	10-1/2"

Covered Bolted Plate Manhole





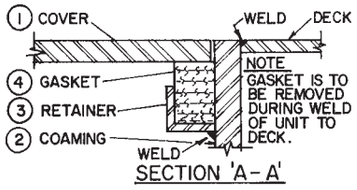


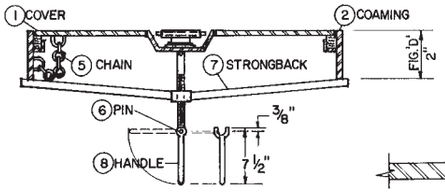
Custom Built Item - Specify Size

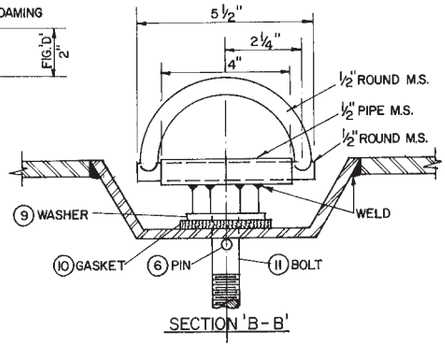
Drawing Number 304

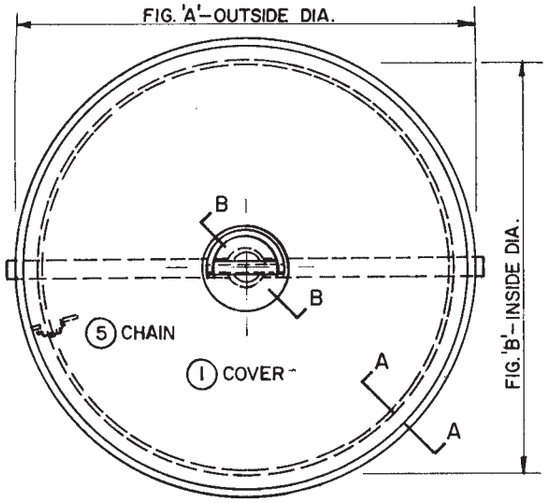
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	6	Plated
2	Mild Steel	7	Mild Steel
3	Brass	8	Mild Steel
4	Mild Steel	9	Mild Steel
5	Neoprene		

Single Bolt Manhole with Fold Down Handle







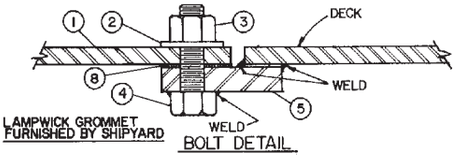


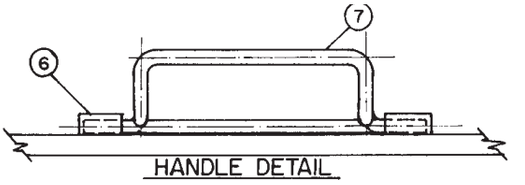
Custom Built Item - Specify Size

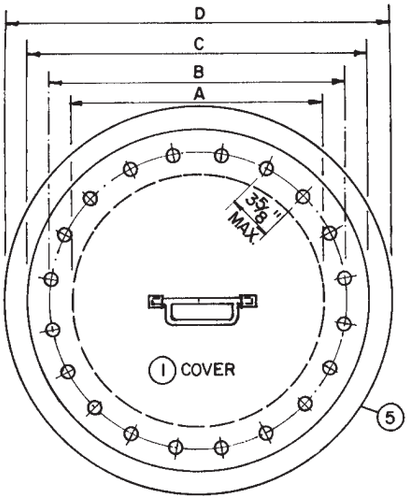
Drawing Number 305

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	7	Mild Steel
2	Mild Steel	8	Mild Steel
3	Mild Steel	9	Stainless
4	Neoprene	10	Neoprene
5	Steel	11	Stainless
6	Stainless		

Watertight Manhole Cover







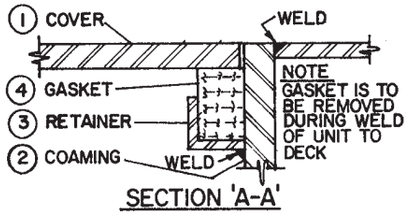
Custom Built Item - Specify Size

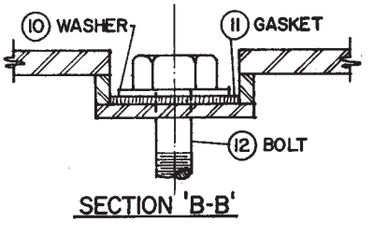
Drawing Number 306

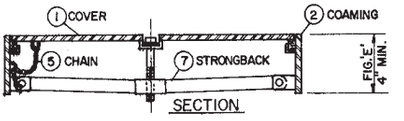
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	5	Steel
2	Plated Steel	6	Steel
3	Brass	7	Steel
4	Steel	8	Neoprene

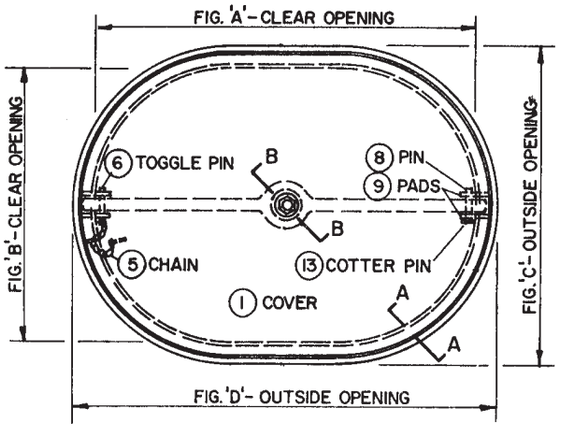
Dimension Schedule				
Clear Opening	A	B	C	D
18"	18"	19-3/4"	22"	22"
20"	20"	21-3/4"	24"	26"
22"	22"	23-3/4"	26"	28"
24"	24"	25-3/4"	28"	30"
26"	26"	27-3/4"	30"	32"

Oval Single Bolt Manhole









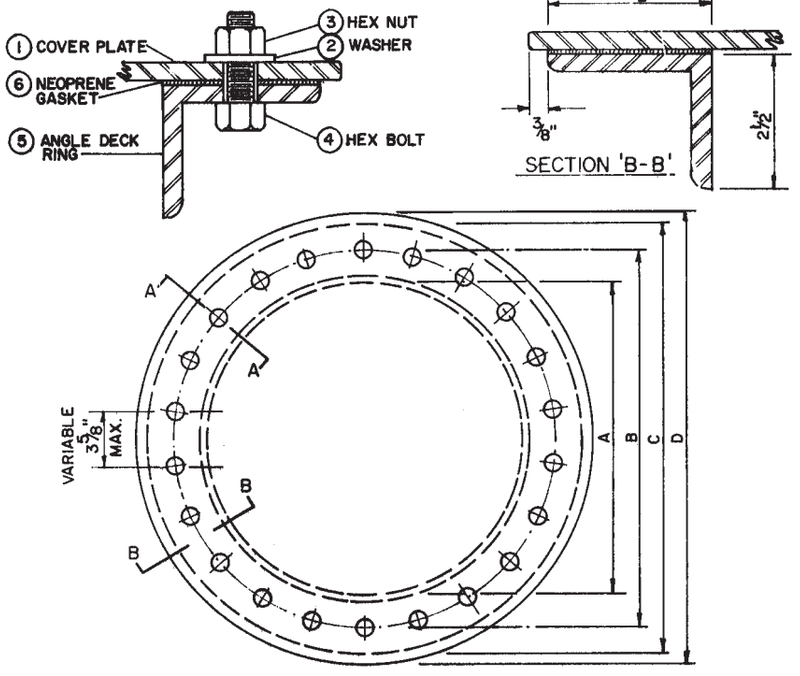
Custom Built Item - Specify Size

Drawing Number 307

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	9	Mild Steel
2	Mild Steel	10	Stainless
3	Mild Steel	11	Neoprene
4	Neoprene	12	Stainless
5	Steel	13	Stainless
6	Steel		
7	Mild Steel		
8	Steel		

Dimension Schedule				
Clear Opening	A	B	C	D
15" x 23"	15"	23"	17-1/4"	25-1/4"
16" x 23"	16"	23"	18-1/4"	25-1/4"
18" x 24"	18"	24"	20-1/4"	26-1/4"

Round Raised Bolted Manhole



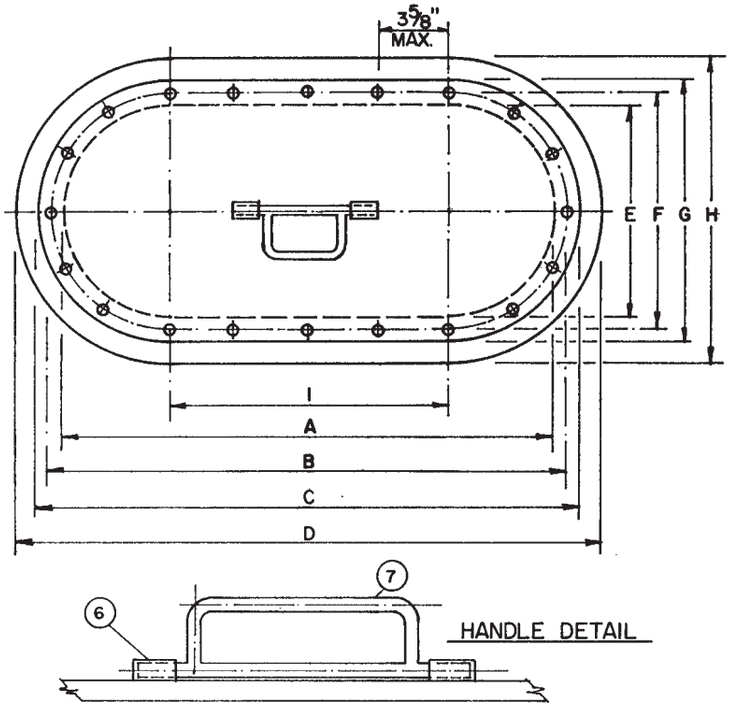
Custom Built Item - Specify Size

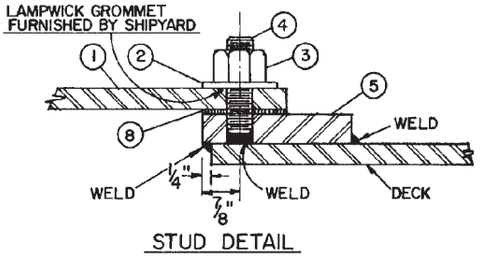
Drawing Number 308

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	5	Steel
2	Plated Steel	6	Neoprene
3	Plated Steel		
4	Mild Steel		

Dimension Schedule					
No. Bolts	Clear Opening	A	B	C	D
22	18"	18"	20-3/4"	23"	23-3/4"
22	20"	20"	22-3/4"	25"	25-3/4"
22	22"	22"	24-3/4"	27"	27-3/4"
22	24"	24"	26-3/4"	29"	29-3/4"

Bolted Plate Manhole with Studs





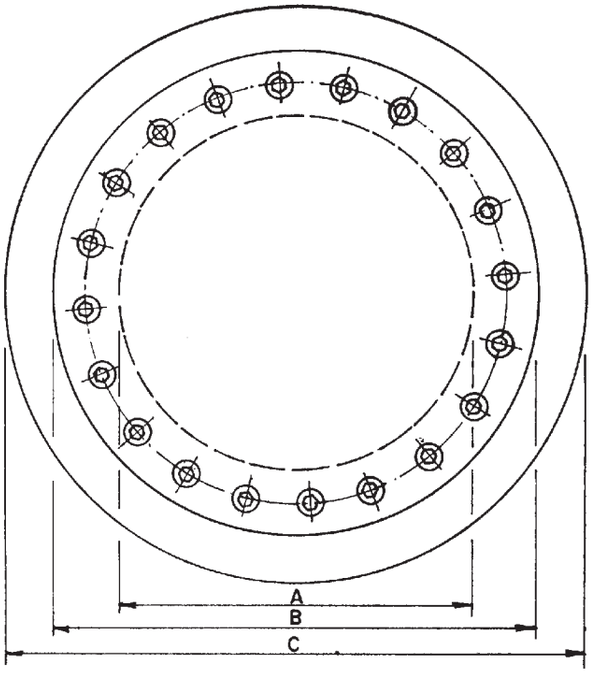
Custom Built Item - Specify Size

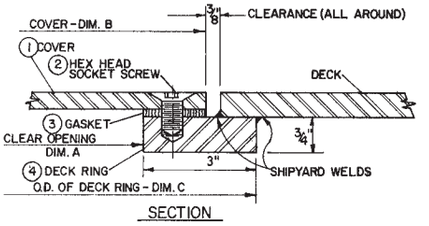
Drawing Number 309

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	5	Steel
2	Plated Steel	6	Steel
3	Plated Steel	7	Steel
4	Mild Steel	8	Neoprene

Dimension Schedule									
Clear Opening	A	B	C	D	E	F	G	H	I
15" x 23"	23"	23-3/4"	26-1/2"	29"	15"	16-3/4"	18-1/2"	21"	8"
18" x 24"	24"	25-1/4"	27-1/2"	30"	18"	19-1/4"	21-1/2"	24"	6"

Flush Bolted Plate Manhole





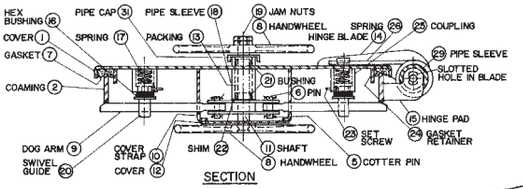
Custom Built Item - Specify Size

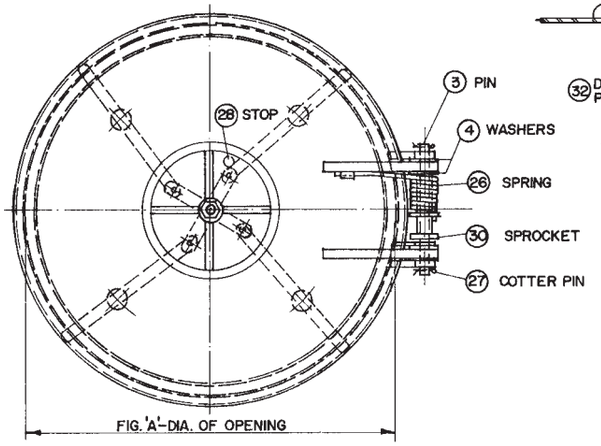
Drawing Number 310

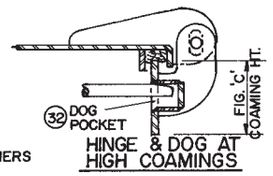
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	3	Neoprene
2	Stainless	4	Steel

Dimension Schedule			
Clear Opening	A	B	C
18"	18"	21"	24"
20"	20"	24"	26"
22"	22"	26"	28"
24"	24"	28"	30"

Quick Acting Watertight Scuttle with Spring Balanced Cover





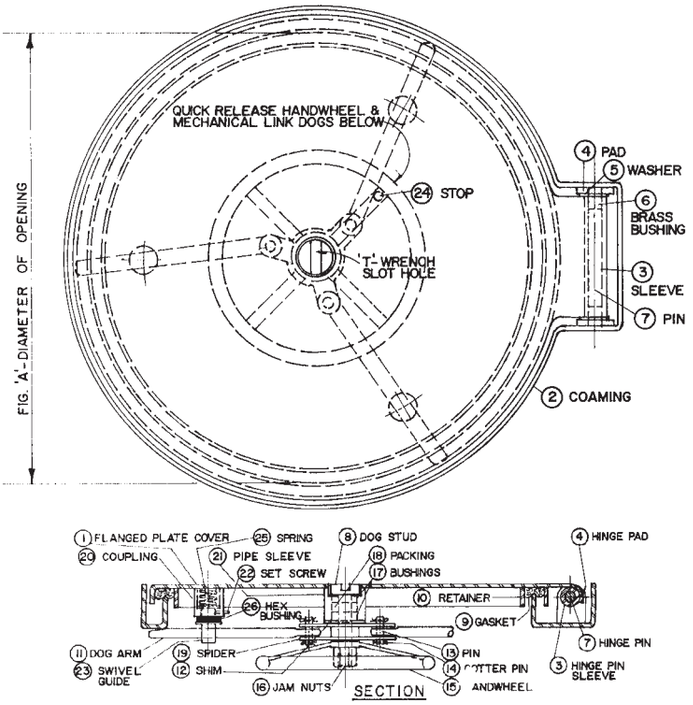


Custom Built Item - Specify Size

Drawing Number 400

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	17	Spring Steel
2	Mild Steel	18	Steel
3	Cold Finish	19	Steel
4	Brass	20	Brass
5	Mild Steel	21	Delrin
6	Cold Finish	22	Brass
7	Neoprene	23	Steel
8	Mild Steel	24	Mild Steel
9	Mild Steel	25	Steel
10	Mild Steel	26	Spring Steel
11	Cold Finish	27	Mild Steel
12	Mild Steel	28	Mild Steel
13	Graphite	29	Mild Steel
14	Mild Steel	30	Mild Steel
15	Mild Steel	31	Steel
16	Mild Steel	32	Mild Steel

Flush Quick Acting Watertight Round Scuttle

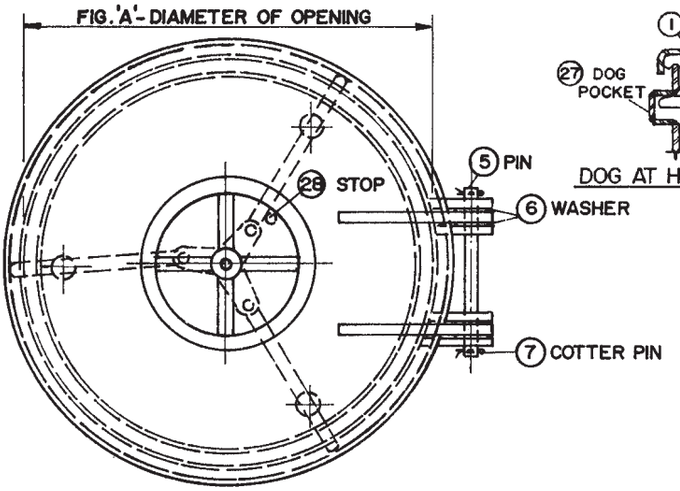


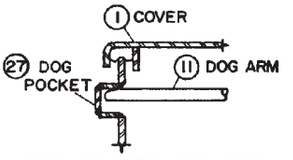
Custom Built Item - Specify Size

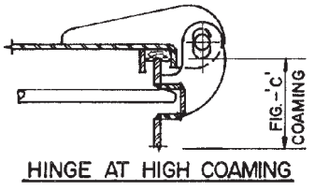
Drawing Number 401

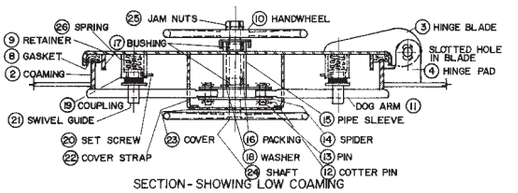
Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	14	Mild Steel
2	Mild Steel	15	Mild Steel
3	Mild Steel	16	Mild Steel
4	Mild Steel	17	Delrin
5	Brass	18	Graphite
6	Brass	19	Mild Steel
7	Cold Finish	20	Mild Steel
8	Mild Steel	21	Mild Steel
9	Neoprene	22	Mild Steel
10	Mild Steel	23	Brass
11	Mild Steel	24	Mild Steel
12	Brass	25	Spring Steel
13	Cold Finish	26	Mild Steel

Quick Acting Watertight Round Scuttle with Three Dogs







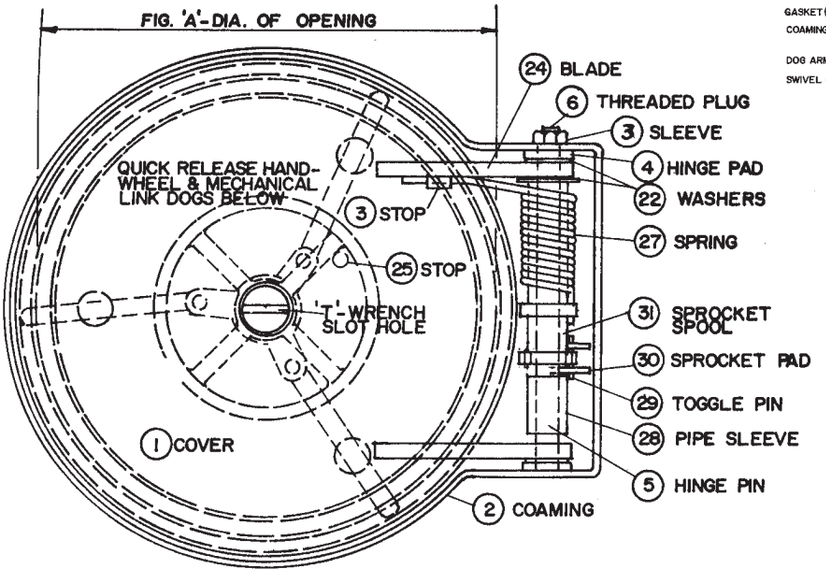


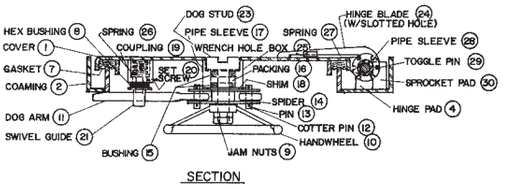
Custom Built Item - Specify Size

Drawing Number 402

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	16	Graphite
2	Mild Steel	17	Delrin
3	Mild Steel	18	Brass
4	Mild Steel	19	Mild Steel
5	Cold Finish	20	Mild Steel
6	Brass	21	Brass
7	Brass	22	Mild Steel
8	Neoprene	23	Mild Steel
9	Mild Steel	24	Cold Finish
10	Mild Steel	25	Brass
11	Mild Steel	26	Steel
12	Mild Steel	27	Mild Steel
13	Cold Finish	28	Mild Steel
14	Mild Steel		
15	Mild Steel		

Quick Acting Watertight Flush Scuttle



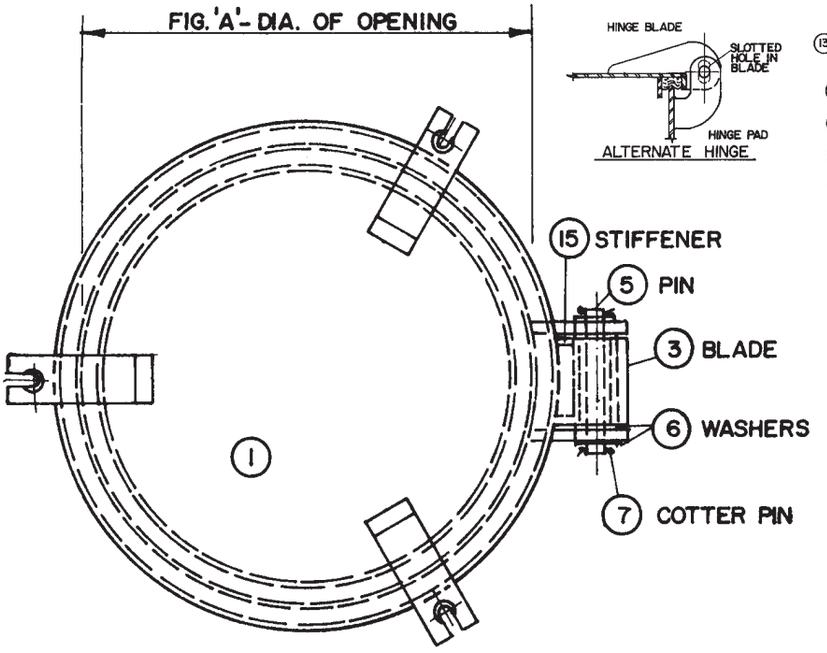


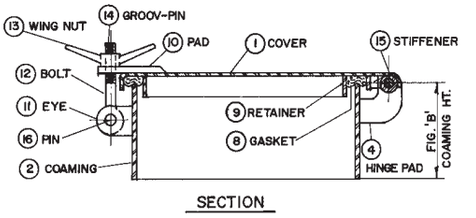
Custom Built Item - Specify Size

Drawing Number 403

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	17	Mild Steel
2	Mild Steel	18	Brass
3	Mild Steel	19	Mild Steel
4	Mild Steel	20	Mild Steel
5	Cold Finish	21	Brass
6	Steel	22	Brass
7	Neoprene	23	Brass
8	Mild Steel	24	Mild Steel
9	Mild Steel	25	Mild Steel
10	Mild Steel	26	Spring Steel
11	Mild Steel	27	Mild Steel
12	Brass	28	Mild Steel
13	Cold Finish	29	Mild Steel
14	Mild Steel	30	Mild Steel
15	Delrin	31	Mild Steel
16	Graphite		

Watertight Scuttle with Drop Bolts



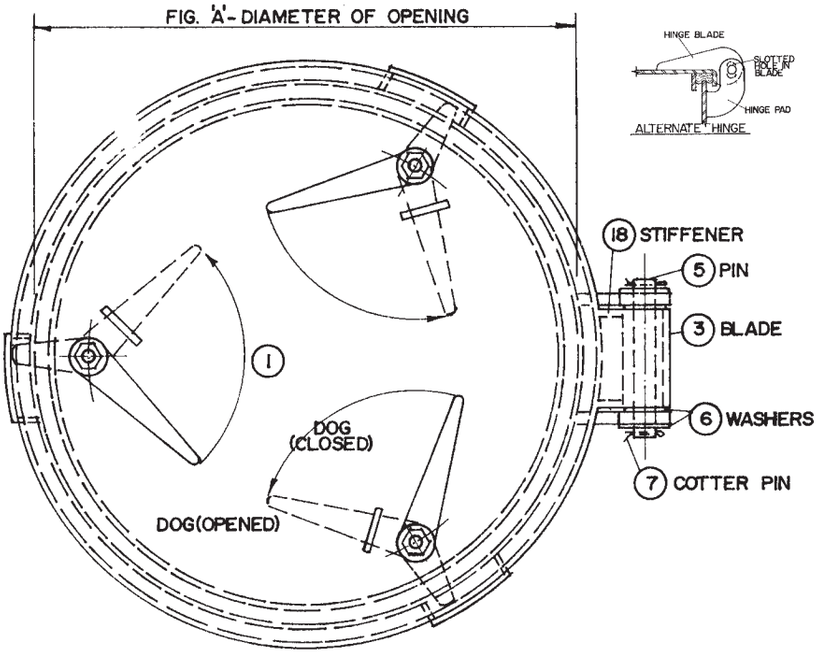


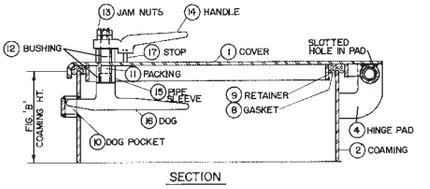
Custom Built Item - Specify Size

Drawing Number 404

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	9	Mild Steel
2	Mild Steel	10	Mild Steel
3	Mild Steel	11	Mild Steel
4	Mild Steel	12	Bronze
5	Cold Finish	13	Bronze
6	Brass	14	Stainless
7	Brass	15	Mild Steel
8	Neoprene	16	Brass

Watertight Scuttle with Dogs



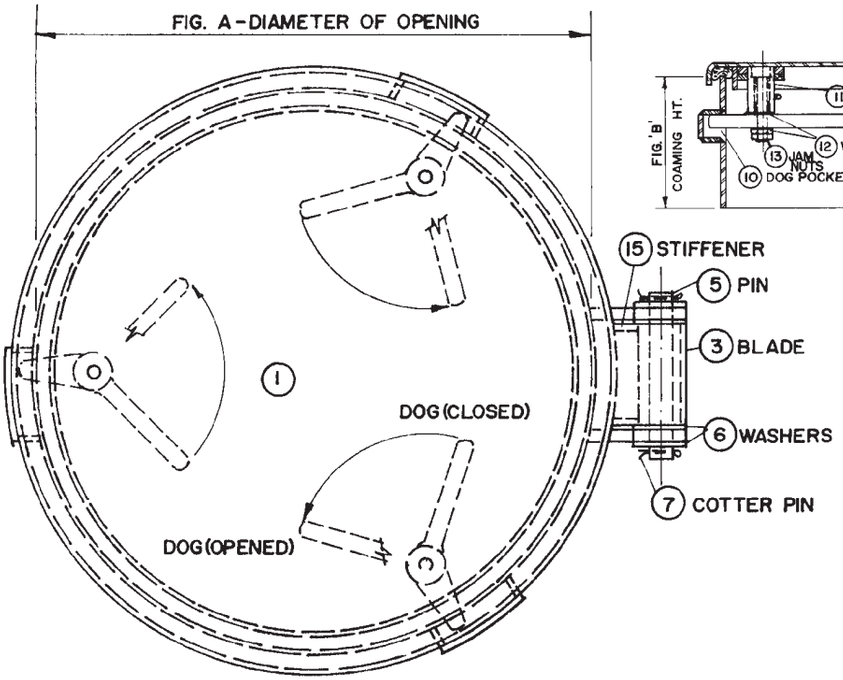


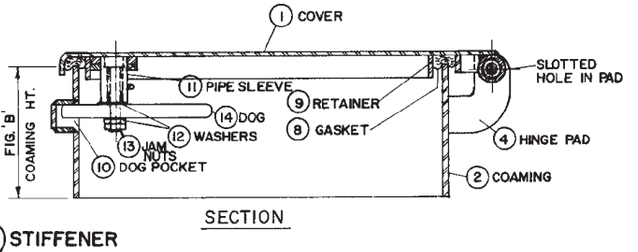
Custom Built Item - Specify Size

Drawing Number 405

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	12	Delrin
2	Mild Steel	13	Steel
3	Mild Steel	14	Mild Steel
4	Mild Steel	15	Mild Steel
5	Cold Finish	16	Mild Steel
6	Brass	17	Mild Steel
7	Brass	18	Mild Steel
8	Neoprene		
9	Mild Steel		
10	Mild Steel		
11	Graphite		

Watertight Scuttle Operate Below Only



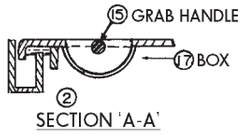


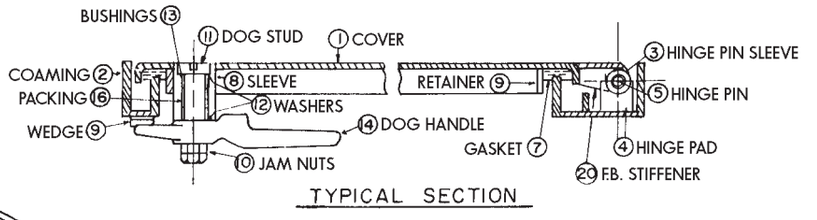
Custom Built Item - Specify Size

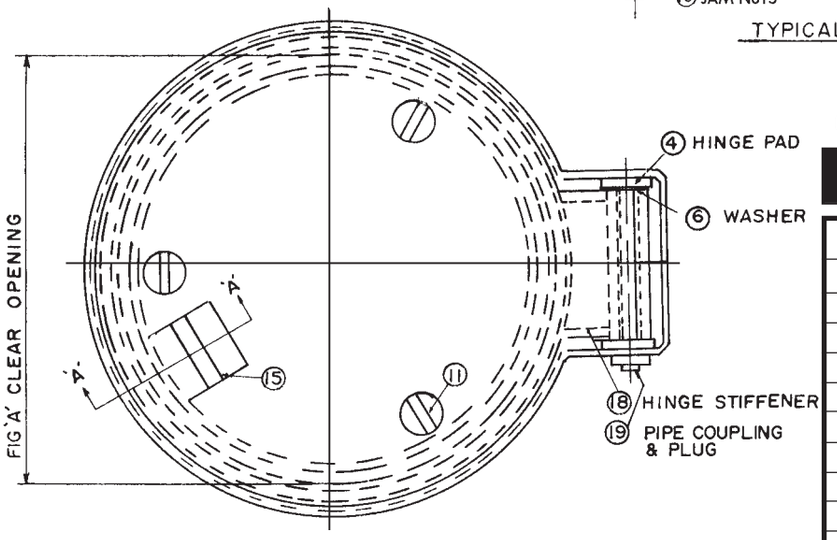
Drawing Number 406

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	10	Mild Steel
2	Mild Steel	11	Mild Steel
3	Mild Steel	12	Brass
4	Mild Steel	13	Mild Steel
5	Cold Finish	14	Manganese Brz.
6	Brass	15	Mild Steel
7	Brass		
8	Neoprene		
9	Mild Steel		

Watertight Flush Scuttle





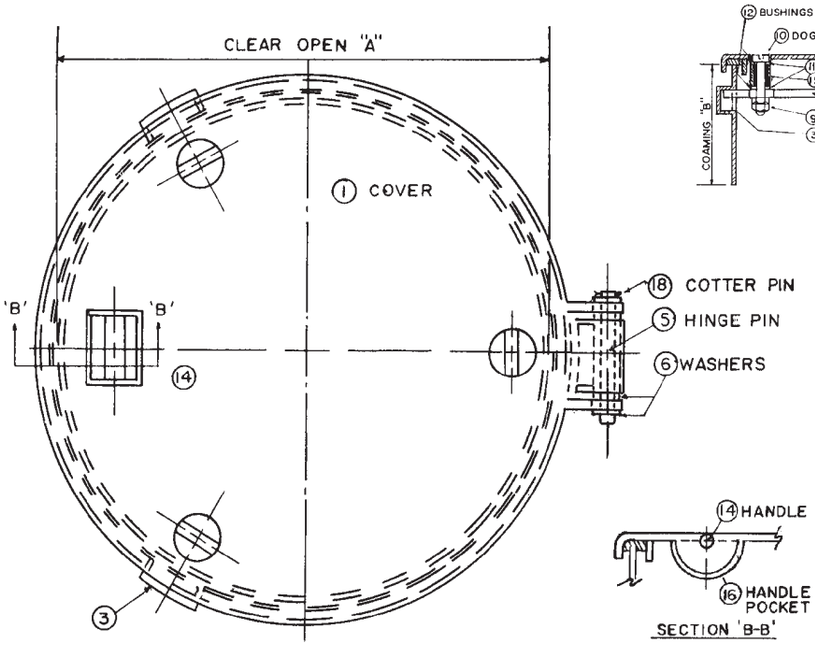


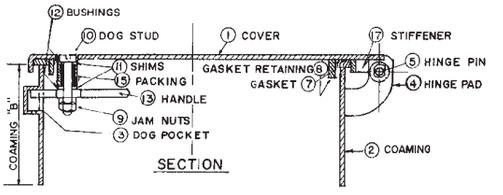
Custom Built Item - Specify Size

Drawing Number 407

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Mild Steel	11	Manganese Brz.
2	Mild Steel	12	Brass
3	Mild Steel	13	Delrin
4	Mild Steel	14	Mild Steel
5	Cold Finish	15	Mild Steel
6	Brass	16	Graphite
7	Neoprene	17	Mild Steel
8	Mild Steel	18	Mild Steel
9	Mild Steel	19	Mild Steel
10	Mild Steel	20	Mild Steel

Watertight Raised Scuttle Flush Cover



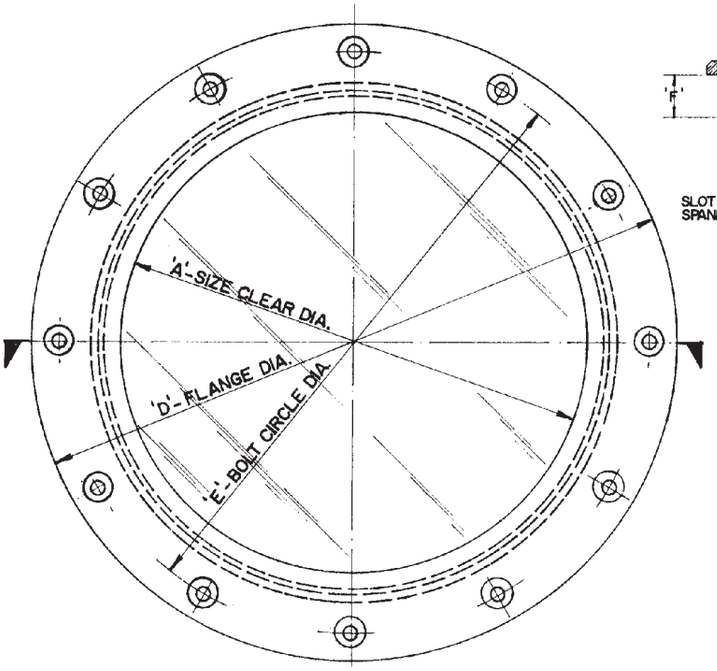


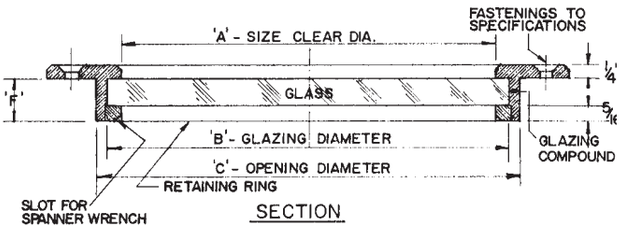
Custom Built Item - Specify Size

Drawing Number 408

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Steel	12	Delrin
2	Steel	13	Steel
3	Steel	14	Steel
4	Steel	15	Graphite
5	Cold Finish	16	Steel
6	Brass	17	Steel
7	Neoprene	18	Steel
8	Steel		
9	Steel		
10	Bronze		
11	Brass		

Plain Fixed Light



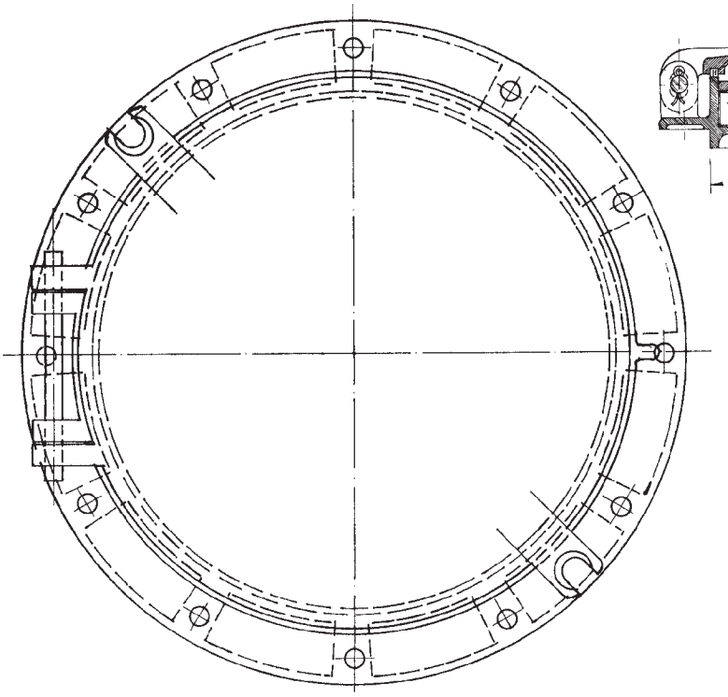


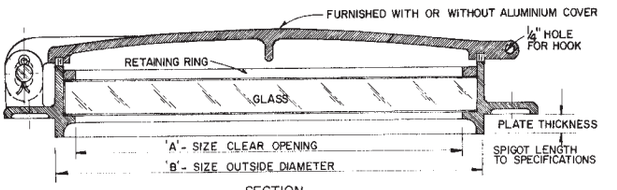
Custom Built Item - Specify Size

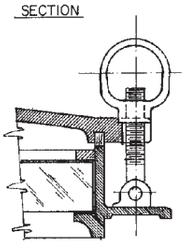
Drawing Number 500

Dimension Schedule					
A	B	C	D	E	F
10"	10-1/2"	11-1/16"	13-1/4"	12-1/4"	1-1/16"
12"	12-1/2"	13"	15-3/16"	14-3/16"	1-1/4"
16"	16-1/2"	17"	19-1/2"	18-1/2"	1-3/8"

Reversed Fixed Light





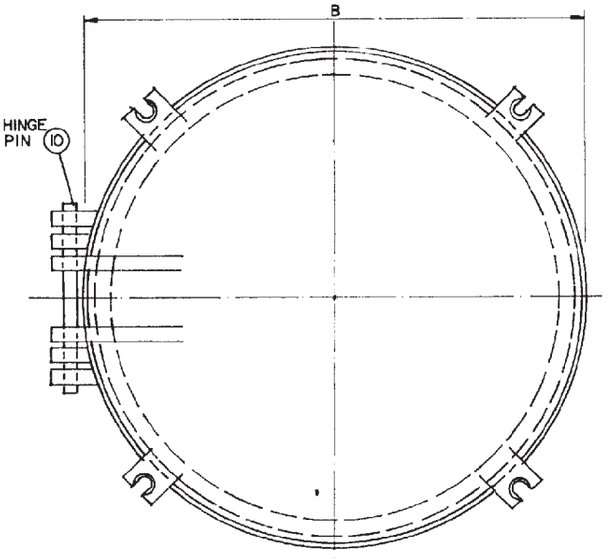


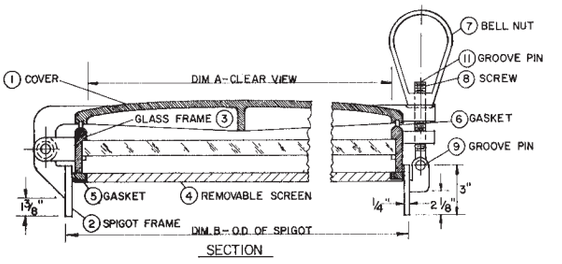
Custom Built Item - Specify Size

Drawing Number 600

A Size Clr. Op.	Spigot Max. Lt.	B Size O.S. Dia.	Ovall Dia.	Bolt Hole
10"	0-1/2"	11"	13-5/8"	5/16"
12"	0-1/2"	13-1/8"	15-7/8"	3/8"
16"	0-1/2"	17-1/4"	20-3/8"	1/2"

Steel Back Portlight – Weld In





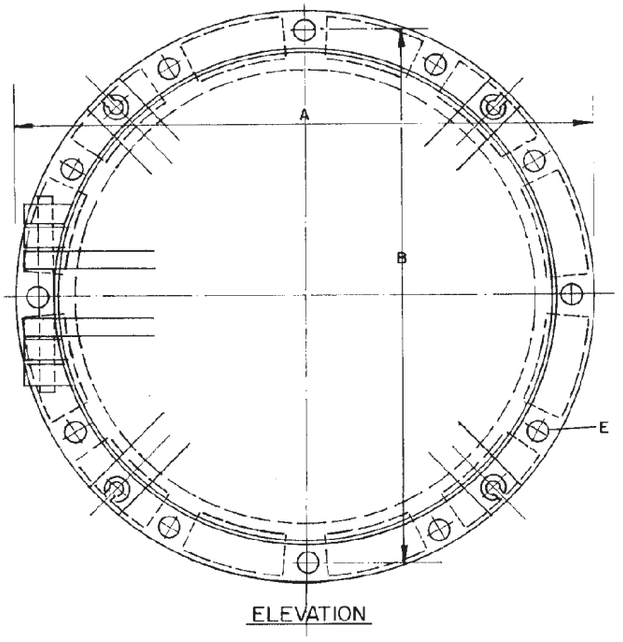
Custom Built Item - Specify Size

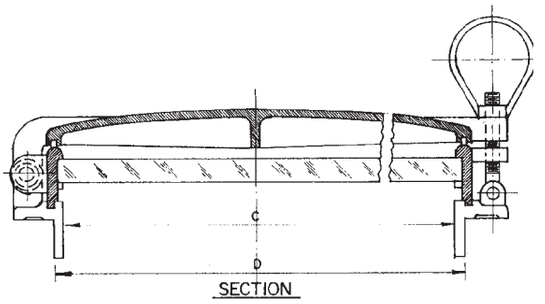
Drawing Number 700

Schedule Of Materials			
Pc. No.	Material	Pc. No.	Material
1	Aluminum	7	Brass
2	Steel	8	Brass
3	Brass	9	Stainless
4	Brass	10	Brass
5	Neoprene	11	Stainless
6	Neoprene		

Dimension Schedule				
Size	12	14	16	18
A	12"	14"	26"	18"
B	23-1/2"	15-1/2"	17-1/2"	19-1/2"

Portlight – Bolt On





Custom Built Item - Specify Size

Drawing Number 800

Dimension Schedule					
Size	10	12	14	16	18
A	14-1/4"	16"	18"	20-3/8"	22-3/4"
B	12-3/4"	14-3/4"	17"	18-7/8"	21-1/8"
C	10"	12"	14"	16"	18"
D	10-3/8"	12-3/8"	14-3/8"	16-1/2"	18-1/2"
E	1/2"	1/2"	1/2"	1/2"	1/2"

2009 DONOVAN

COMMERCIAL 1009

Steering and Controls Data Sheet

Please Provide As Much Information As Possible

Company Name:_____

Phone Number: _____Contact: _____

Hull Dimensions: Length _____Beam _____Draft_____

Hull Type (check one): Displacement_____Planning _____

Weight_____Max. Speed (knots)_____

Use of Vessel: _____

(Sportfisherman, Tug Boat, Shrimper, etc.)

Engine(s): Quantity _____Horsepower (each) _____

Reduction Gear Ratio: :

Propeller Shaft: Diameter: _____Length:_____

Propeller(s) Size: Diameter: _____X Pitch:_____

Number of Blades _____

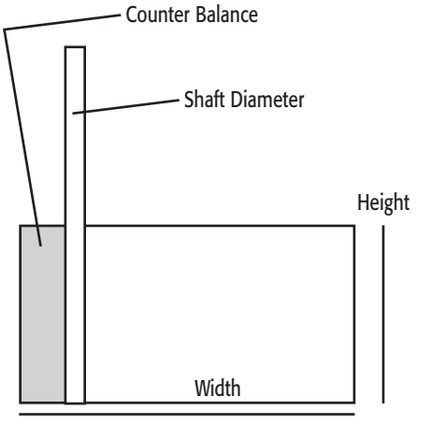
Number of Steering Stations:_____

Rudder(s) Size: Length _____X Height _____

Shaft Diameter_____Counter Balance _____

Number of Rudders: _____

Maximum Rudder Angle: _____°



Special Notes:

_____

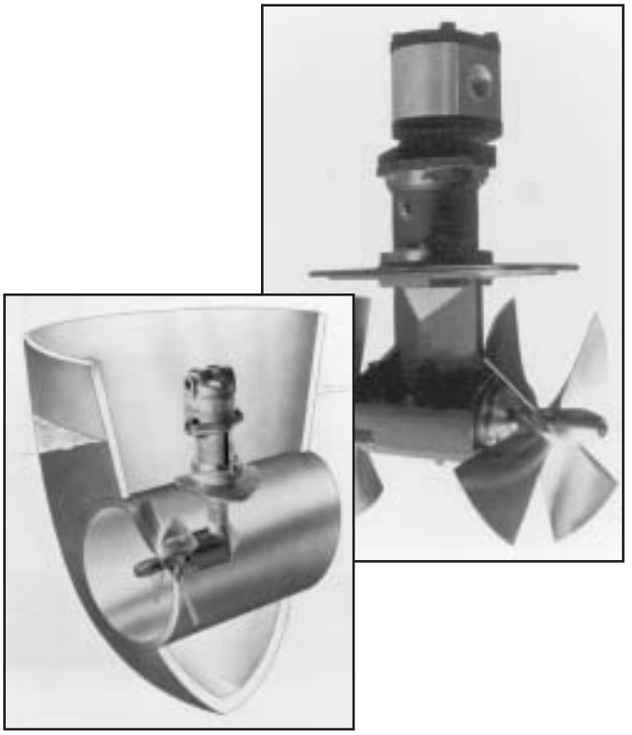
_____

_____

Commercial Close Out Specials

DMI #	Part #	Description	Quantity
Commercial Close Out Specials			
394851	39X39LH	HITR 4BL 3-1/2"BORE BRZ PROP	1
394863	39X39RH	HITR 4BL 3-1/2"BORE BRZ PROP	1
394875	40X34LH	HITR 4BL 3-1/2"BORE BRZ PROP	1
394887	40X34RH	HITR 4BL 3-1/2"BORE BRZ PROP	1
394890	40X36LH	HITR 4BL,3.5"BORE NIBRAL PROP	1
394899	42X36LH	HITR 4BL 3-1/2" BORE BRZ PROP	1
394902	42X36RH	HITR 4BL 3-1/2"BORE BRZ PROP	1
394914	44X40LH	HITR 4BL 3-1/2"BORE BRZ PROP	1
394926	44X40RH	HITR 4BL 3-1/2"BORE BRZ PROP	1
394938	44X42LH	HITR 4BL 3-1/2"PROP BRZ PROP	1
394940	44X42RH	HITR 4BL 3-1/2"BORE BRZ PROP	1
428121	DB440	10" - BLK "D" BORE FAN NOSE	2
428133	DB440	12" - BLK "D" BORE FAN NOSE	2
427840	1790M-0278	2-7/8" STUFF BOX,F,BRASS	6
472768	801993706	6' COOLER TUBE	13
473326	L3405	MTR 1/3HP,1P,115/208/230	1
473328	L1409T	MOTOR,5HP,1HP,230V,60HZ	1
473329	CM7034	MOTOR,1.5H,3P,208-30/460	2
473342	L3501	MOTOR,1/3HP,1PH,115/230	1
473378	L4003A	MOTOR,1/4HP,1PH, 115/230	1
473380	L5023T	MOTOR,1HP,1PH,115/208-23	2
473392	M2513T	MOTOR,15HP,3PH, 230/460	1
473443	M3104	MOTOR,1/3HP,3P,208-30/46	3
473506	M7027	MOTOR,3HP 3PH,230/460	1
473518	M7040T	MOTOR,5H,3P,208-230/460	1
300885	DDF18-6MOT	BLOWER 18",6BL,1HP TEFC	3
301205	DF42-4-26	BLOWER,42"4BL,26PIT1-1/8	1
301656	27-1COMP 27	HOUSING,COMP,GALV	1
203151	15601	120VAC WHISTLE CONT,AUTO CNSLE	2
577799	DWG800	PORTLIGHT 16" BRONZE W/COVER & SCREEN	1
577936	DWG104RH	30 x54 Q.A.W.T. DOOR W/10" FIXED LIGHT 6 DOG STL ABS	1
577901	DWG901RH	30X72 CLEAR OPEN Q.A.W.T DOOR 6 DOG	1
577900	DWG104RH	32X62.5 CLEAR OPEN Q.A.W.T DOOR 6 DOG	1
577902	DWG100RH	30 X 50 WEATHERTITE DOOR	1
344337	33 x 33 RH	4 BLADE PUSHER, 3" BORE S.S. PROP	1
344349	33 x 33 LH	4 BLADE PUSHER, 3" BORE S.S. PROP	1

Wesmar Bow Thrusters



Single Prop/Dual Prop
Counter Roating

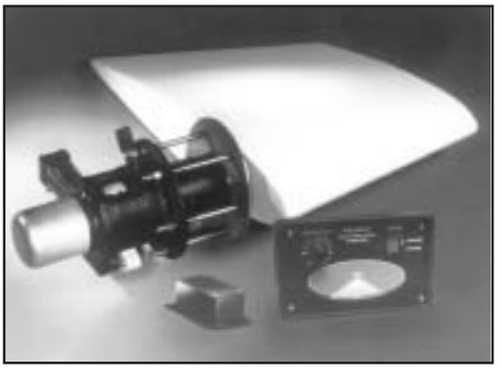
Wesmar Performance - Turn 360 Degrees in Place
Wesmar Bow Thrusters make close quarters maneuvering a simple task. You can turn you boat a full 360 degrees in its own length, control the hazards of crowded harbors, tight docking slips, and extreme weather knowing your Wesmar bow thrusters will allow you to maneuver skillfully and quickly, avoiding damaged hulls, mangled ladders, and crumpled docks.

28 Thruster Models
Hydraulic and Electric Models.

- Double Thrust Counter Rotating.
- Single Prop.
- For Pleasure Boat Applications.
- For Commercial Applications.
- For Boats 38 to 200 feet.

Special Order • Price On Request

Wesmar Stabilizers



Electronic Gyro Delivers
Lightning Speed Reaction for Exceptional Performance
The Wesmar stabilization system uses an easily mounted electronic gyro sensor that sends information about roll velocity and acceleration directly to Wesmar's proportional hydraulic system, which reacts instantaneously to rotate the fins.

When a desired lift is achieved to counteract the rolling force of a wave, Wesmar's closed proportional hydraulic system instantly interacts with the gyro to correct the rolling. The airfoil fin design constantly adjusts vessel motion. One fin is angled to induce upward force while the other creates downward force. This coordinated response stabilizes the vessel.

Advantages of the Wesmar Electronic Gyro System Over a Hydraulic Gyro:
No hydraulic hoses to the gyro compared to as many as 6 additional hoses on competitive hydraulic gyros.

No Moving Parts.
No Adjustments.
No Maintenance.
No Service.
No Horizon Adjustment.
Easy to Install.
No Haul-Our Required.

Special Order • Price On Request

Wesmar Specification Sheet

Bow Thruster _____ Stern Thruster _____ Stabilizer _____ Hydraulics _____

Date _____

Name _____ Boat Name _____

Address _____ State _____

Phone _____ Fax _____

Email _____

Builder _____ Contact _____ Phone _____

Vessel Type _____ Hull No. _____

Length _____ Beam _____ Draft _____

Weight _____ GM (Metecentric height) _____

Weight Short Tons _____ Beam at Water Line _____

Full Speed (knots) _____ Cruise Speed _____

Slowest speed in knots at which full stabilization is required: _____

Main Engine Manufacture (s) _____ Model _____

Single engine _____ Twin engine _____ Other _____

Idle Speed _____ Full Speed _____ HP _____

Genset Manufacture _____ KW _____ RPM _____

Transmission Manufacture _____ Model _____

#of control stations _____ Location _____

Thruster Drive: 12V DC _____ 24V DC_____ AC_____ Hydraulic _____Other_____

Hydraulic System Information:

Hydraulic: Crane _____ Capstan _____ Windlass _____ Other _____

Hydraulic Motor Mounting location (s) _____

Mounting flange: 2 Bolt _____ 4 Bolt _____ SAE Flange Code _____

Shaft type: Keyed _____ Splined_____ SAE Shaft Code _____

Rotation: Clockwise _____ Counter Clockwise _____

Electric clutch: Yes _____ No _____

AC System Information:

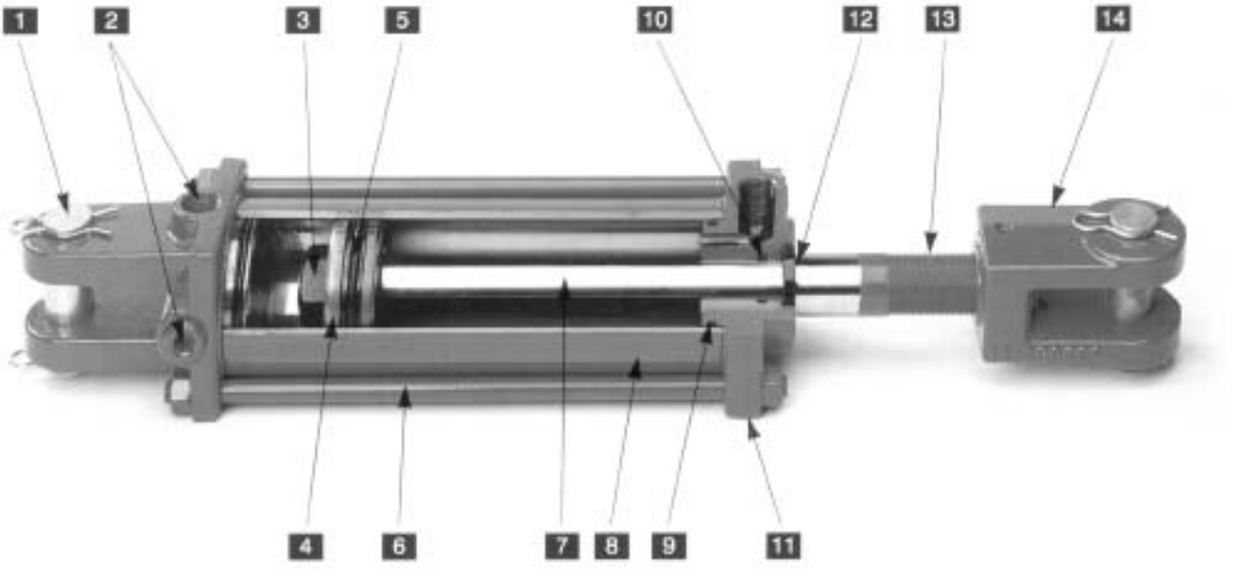
Single Phase _____ Three Phase _____

Genset capacity _____

AC Motor voltage _____

Number of control stations _____

Lion 2500 Hydraulic Cylinders - TL Series



2500 psi
Continuous Working Pressure

5000 psi
Proof Pressure

1 Pins & Retainers - High tensile steel, zinc plated to prevent corrosion, comes with hair pin retainers.

2 Ports - Double ported NPTF for greater flexibility of assembly. Unless otherwise stated, cylinders assembled with ports inline.

3 Piston Nut - Heavy duty, torqued, self locking piston nut holds piston in place under high cycle loading.

4 Piston - Ductile iron, precision machined providing a malleable bearing surface for extended cylinder life.

5 Piston Seal - 90 durometer o-ring with anti-extrusion back-up washers provide positive sealing under high load conditions.

6 Tie-Rods - High tensile steel with rolled threads to prevent failure under high pressure.

7 Cylinder Shaft - High Strength, hard chrome plated shaft provides extended cylinder life in harsh applications. Rolled thread on shank and clevis end for higher strength and improved wear resistance.

8 Tube - Precision finished skive and burnished heavy wall steel tubing for extended seal and cylinder life.

9 Tube Seal - 90 durometer o-ring with anti-extrusion back-up washer to prevent leakage under high pressure and cycle loading.

10 Rod Seal - 90 durometer o-ring with anti-extrusion back-up washer providing long wearing positive seal.

11 Rod Cap & Clevis Cap - Ductile iron comes with drilled oil passages, offering increased bearing surface for high shock and side load applications.

12 Rod Wiper - Metal encased Nitrile, preventing contaminants from entering cylinder.

13 Threaded Shaft (on ASAE Cylinders) - To accept optional mechanical stroke control, on 8" stroke ASAE cylinders only. Note: Not applicable to 5" bore cylinders.

14 Rod Clevis - Ductile iron comes with 360° thread contact area and positive set screw locking device able to withstand continuous high load without wear of fracture.

Price On Request

Skipper Engineered Products

Better Products, Larger Inventory, and More Brands to Choose from... with Better Prices, Expert Product Support, and Great Versatility.

Steering Systems
Electro-hydraulic, orbitrol, manual, mechanical over hydraulic (The Skipper Original). Built to ABS and USCG specifications, DP interface available.

Manual Steering
Compact systems for pleasure and work boats with patented helm units and corrosion resistant cylinders.

Hydraulic Powerpaks
For bowthrusters, deck machinery, and auxiliary equipment.

Engine Alarm and Monitoring Systems
PLC based, custom designed for your application, conversions and or new construction.

Custom Designs and Projects
The Skipper Team offers hydraulic, electrical, and mechanical engineering, certified marine electricians, skilled machinists, and a naval architect. All of our system drawings are in Autocad format.

Component Sales
Expansive inventory of steering and hydraulic components and rudder instrumentation, coupled with a nation-wide supplier network.

Field Service
Full service for field repair, start-ups, warranty work, installations and retro-fits of your steering, hydraulic or electrical system, old and new.

Engine Control Systems
Mathers and Rexroth electronic, ABS and DP interface approved designs.

Bowthrusters
Wesmar, custom designed hydraulic or Baldor electric drives.

Anchor Windlasses
Custom design and retro-fit conversions, electric, and hydraulic.

Capstans
Electric/Hydraulic drives, custom units and conversions.

Deck Winches
Hydraulic/Electric conversions for your brand and model.

Nav Light Panels
J-Box custom design.

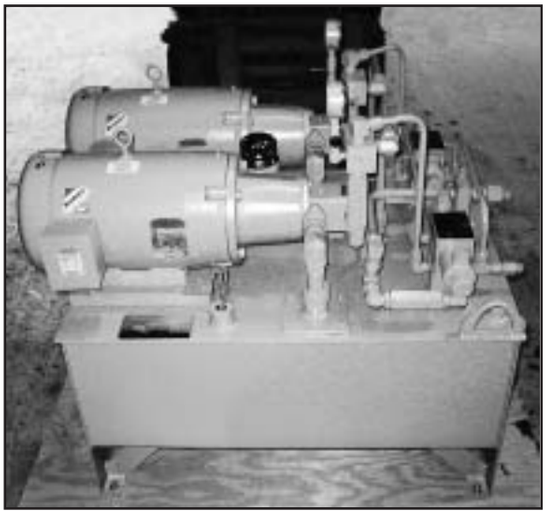
Fire Alarm Systems
Fire-Lite brand or integrated into our Skipper engine alarm system.

General Alarm Systems
Pre-packaged, ready to install.

Conversions-Retrofits
Contact Skipper for updates and conversions to your existing steering and deck machinery

Skipper Engineered Products

All Systems are Custom Made to Your Specifications. Please Call for Quote!



Electro-Hydraulic Power Unit

C-Face electric motors for easy alignment and convenient service access. Quiet, efficient Vickers vane pumps. Soft shift directional valves - featuring new, longer life "Wet Armature" solenoids. Fabricated steel reservoir, baffled for system integrity, sized for maximum fluid cooling. Easy access reservoir service covers. Low level alarm sensors.



Rudder Angle Indicator

Suitable for console mounting: completely watertight. Furnished with supply voltage regulator and Skipper power supply. Offers easy series parallel hook-up for multiple stations.



Feedback Unit

Heavy duty marine construction, watertight for above deck mounting. Dual potentionmeters for integral back-up or mulitple function capability. Dual limit switches for independant system integrity.



Workboat Style Wheelhouse Hardware

Dual stacked steering levers - 12", 18" 24" lengths. compatible with mechanical or electro-hydraulic steering systems. Appealing appearance, durable stainless construction with comfortable mahogany grips. Black, anodized aluminum dural escutcheon plates with integral roller bearings



Amplifier

Adjustable gain control - eliminates hunting, affords maximum sensitivity. All solid state construction. Integral AC-DC voltage rectifier.

Skipper Engineered Products

All Systems are Custom Made to Your Specifications.
Please Call for Quote!



Engine Alarm and Monitoring Systems

Programmable logic control (PLC) based. "Fair-Safe" normal closed circuits (AS standard). Charger and battery back-up power supply, 24V DC. Flush mount or enclosed fully annunciated panels. Full remote and summary panels. Murphy Swichgage, Telcor, Nason and Fenwall brand sensors. High quality engine room sirens and strobe and lights. Pre-wired system junction boxes.



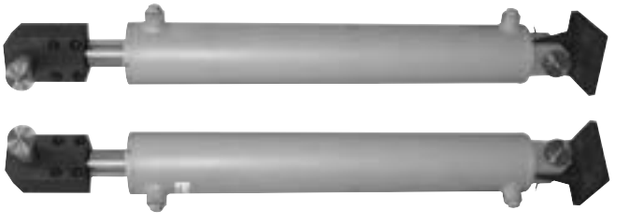
The Original Skipper Design
Mechanical/Hydraulic Control Valve Assembly

Ideal for pushboats. Full follow up control - low maintenance, long life. Back pressure rated hydraulic directional control valve, to enable in-series steering and flanking - no "power beyond" required. Smooth, easy metering characteristics.



Bowthrusters

Full line Wesmar distributor. Wesmar's unique dual, counter rotationg 4 blade props. Available with customized hydrostatic or Baldor frequency and vector drives - for all brands of bowthrusters, and all available with DP interface.



Hydraulic Steering Cylinders

Stainless steel chrome plated piston rods for long, corrosion resistant service. Skipper's unique 'Sure-Lock' rodeye, clamps to cylinder rod and features corrosion resistant bronze pin bushings. Skipper unique locking heel pin-fabricated from marine grade stainless steel.



Vertical Capstans

Custom designed for use with various hydraulic systems. Profiled aluminum cathead with direct, plug-in hydraulic motor. Aluminum deck mounting fing.



Skipper Control panel

Fully illuminated, suitable for console mounting. Mechanically switched and mode selectors. Low level, overload and power failure alarms-all audio-visual. Pre-wired terminal strip for easy installation and service.

Donovan™ inc

MARINE

All New!

E-Commerce

- Easy to use
- Fast response
- Simple part number lookup
- Quick and easy checkout
- Stay logged in all day
- Highly interactive
- Current price lookup
- Up to the minute on hand inventory availability

E-Commerce Sign-Up Form

If filling out with pen, please PRINT in ALL CAPITAL letters.

Customer Name: _____

Account Number: _____

Contact Information

Name: _____

Phone Number: _____ **E-mail:** _____

E-Mail Address for Order Confirmations *(Two are recommended.)*

Primary: _____

Secondary: _____

E-Mail Options *(Check the Following Box(es) if You Would Like to Receive Electronic Invoices & Statements Via Email).*

☐ **Please E-Mail Invoice, to Primary:** _____

and Secondary: _____

☐ **Please E-Mail Monthly Statement, to Primary:** _____

and Secondary: _____

Requested Security / Login Information *(Use a Min. of 5 & a Max. of 10 Alphanumeric Characters for User Name & Password.)*

User Name: _____

Password: _____ **Confirm Password:** _____

You Will Be Notified of User Name and Password Approval Under Separate Cover.

Name	Signature	Date

Please fill out form in Adobe Acrobat, print, sign and fax to Nancy Kreiter at:

504.729.2548

2009 DONOVAN

IMPORTANT INFORMATION

Donovan Marine, Inc. has made every effort to produce this catalog with current prices and up-to-date information. We hope you will forgive any errors of omission, clerical or typographical. All prices are subject to change without notice. We sell only to stocking marine dealers, not your customer. ***Donovan Marine does not sell retail. Possession of this catalog does not entitle you to purchase.***

Freight Policy. Shipments not delivered on our own company trucks will be made F.O.B. Donovan warehouse unless other freight arrangements are made.



Where ever this symbol appears special packing and handling charges **May Apply.**

Special Orders. Non Donovan stock items ordered by C.O.D. accounts must be paid for in advance before the order will be placed to the factory and are not subject to cancellation. All factory charges and freight charges will be paid by the dealers. A $5.00 handling charge will be added to all special orders.

Drop Shipments. When it is to our mutual advantage, we will try to arrange for drop shipments from the manufacturer.

Open Accounts. We are always happy to set up open accounts for qualified customers. We try to cooperate with our accounts in all ways, we expect them to treat us equally well. A finance charge of 1.5% is assessed each month on accounts that are in arrears. Please ask for a credit application if you would like an "Open Account"

Claims for Shortages. Upon checking your shipped or delivered merchandise, should you discover a shortage please contact Donovan within **10 Working Days,** so the shortage may be traced and properly delivered to you.

Damaged Deliveries. If you receive a shipment that appears to be damaged, **Notify the Carrier Immediately** in order that they may inspect the package. If it is returned to Donovan's any claim will be void.

Returned Merchandise. Stock merchandise is returnable only when permission has been granted by Donovan. Full credit will be allowed on mistakes that are our fault. **No Merchandise Will Be Accepted for Credit Unless Returned in the Original Package and is in Resalable Condition.** All returned items are subject to a handling charge. Shipping charges must be pre-paid. Invoice number and date as well as your customer number must be included with all returns.

Warranty. Merchandise returned for warranty will be subject to the Manufacturers' stated warranty policies. Donovan in no way guarantees merchandise beyond these policies.

Back Orders. We normally back order items that are temporarily out of stock and are expected to reach us within two weeks. If you do not wish to back order items, please specify at the time of your order.

Ordering. When ordering **Please Give Your Customer Identification Number and the Six Digit Item Number as Shown with Each Item.** This number is highlighted in bold type and in most instances (for your reference) is followed by the manufacturers part number and list price.

We are looking forward to a pleasant business relationship with you. If you feel you have an idea that would help us serve you better, please let us hear from you.

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DONOVAN MARINE LOCATIONS

2009

Our Fifteen Locations Make it Easier to Serve You Better

Annapolis
451 Defense Hwy., Suite C
Annapolis, MD 21401

Phone: 1-800-523-8890
1-410-269-6022

Fax: 1-410-269-6106

Atlanta
1650 Horizon Pkwy., Suite 200
Buford, GA 30518

Phone: 1-800-288-4450

Fax: 1-800-754-9181

Charleston
7289 Spa Road, Unit B,
North Charleston, SC 29418

Phone: 1-800-582-9749

Fax: 1-800-865-5299

Clearwater
5181 110th Ave. North, Unit B
Clearwater, FL 33760

Phone: 1-800-226-4562
1-727-572-0192

Fax: 1-800-780-5627
1-727-573-1930

Ft. Lauderdale
3199 SW 42nd. St
Ft. Lauderdale, FL 33312

Phone: 1-877-936-4722
1-954-581-2453

Fax: 1-877-936-4723

Harvey
634 Peters Rd.
Harvey, LA 70058

Phone: 1-504-361-5731

Fax: 1-504-361-1596

Houston
3130 Pawnee
Houston, TX 77054

Phone: 1-800-669-8392
1-713-734-4171

Fax: 1-800-747-5836

Jacksonville
6545 Trade Center Dr.
Jacksonville, FL 32254

Phone: 1-800-226-4562

Fax: 1-800-780-5627

Memphis
4043 Delp St.
Memphis, TN 38118

Phone: 1-800-288-4450

Fax: 1-800-754-9181

Miami
3590 Northwest 35th St.
Miami, FL 33142

Phone: 1-877-936-4722

Fax: 1-877-936-4723

Nashville
1890 Elm Tree Drive
Nashville, TN 37210

Phone: 1-800-288-4450
1-615-834-8262

Fax: 1-800-754-9181
1-615-333-9621

New Orleans
6316 Humphreys St.
Harahan, LA 70123

Phone: 1-800-347-4464
1-504-488-5731

Fax: 1-800-747-5783

Northeast Division
3 Hilltop Rd.
Norwich, CT 06360

Phone: 1-877-941-9500
1-860-887-9500

Fax: 1-860-204-8200

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3725 North Palafox Street
Pensacola, FL 32505

Phone: 1-800-347-4464

Fax: 1-800-747-5783

International Division
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1-954-581-2453

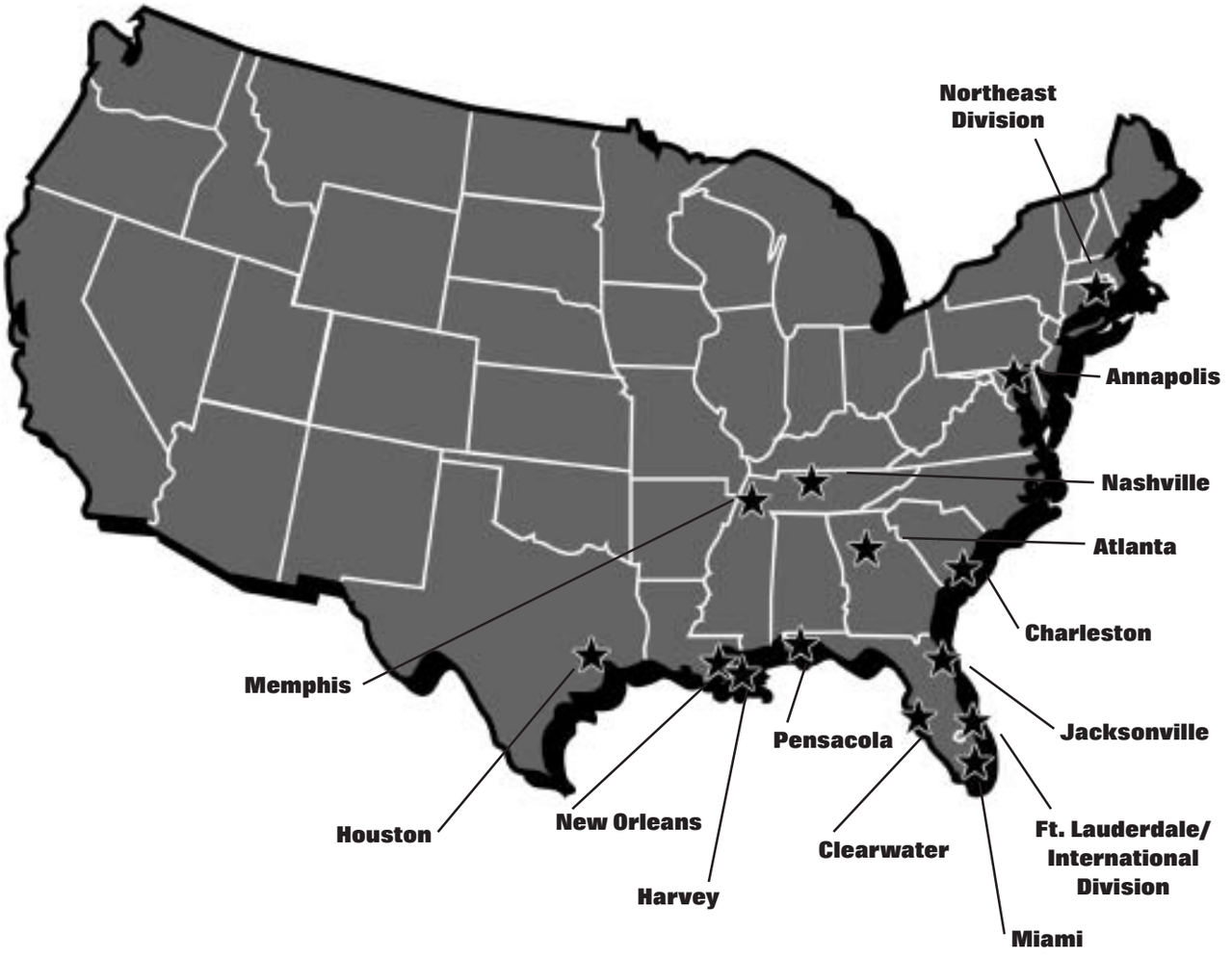
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METRIC CONVERSION CHART - APPROXIMATIONS

When You Know		Multiply by	To Find	
		Length		
millimeters	(mm)	0.04	inches	(in.)
centimeters	(cm)	0.39	inches	(in.)
meters	(m)	3.28	feet	(ft.)
meters	(m)	1.09	yards	(yd.)
inches	(in.)	25.40	millimeters	(mm)
inches	(in.)	2.54	centimeters	(cm)
feet	(ft.)	30.48	centimeters	(cm)
yards	(yd.)	0.91	meters	(m)

When You Know		Multiply by	To Find	
		Volume		
liters	(l)	2.12	pints	(pt.)
liters	(l)	1.06	quarts	(qt.)
liters	(l)	0.26	gallons	(gal.)
fluid ounces	(fl. oz.)	29.57	milliliters	(ml)
pints	(pt.)	0.47	liters	(l)
quarts	(qt.)	0.95	liters	(l)
gallons	(gal.)	3.79	liters	(l)
milliliters	(ml)	0.03	fluid ounces	(fl. oz.)

Length and Depth

6 ft.	equals	1 fathom
100 fathoms	equals	1 cable length
6,076.1 ft.	equals	1 nautical mile
1 kilometer	equals	0.62 miles

Speed

1 knot	equals	1 nautical MPH
1 Nautical MPH	equals	1.15 (land) MPH
7 Nautical MPH	equals	8 (land) MPH

When You Know		Multiply by	To Find	
		Mass and Weight		
grams	(g)	0.035	ounces	(oz.)
kilograms	(kg)	2.21	pounds	(lb.)
ounces	(oz.)	28.35	grams	(g)
pounds	(lb.)	0.45	kilograms	(kg)

Outside Diameters – Screws

Size	Decimal	Fraction	Size	Decimal	Fraction	Size	Decimal	Fraction
3	.099	3/32"	12	.216	7/32"	7/16"	.4375	7/16"
4	.112	7/64"	14	.243	1/4"	1/2"	.500	1/2"
5	.125	1/8"	1/4"	.250	1/4"	5/8"	.625	5/8"
6	.138	9/64"	5/16"	.3125	5/16"	3/4"	.750	3/4"
8	.164	5/32"	3/8"	.375	3/8"	7/8"	.875	7/8"
10	.190	3/16"						

Outside Diameters – Pipe

Size - Thread	Decimal	Fraction	Size - Thread	Decimal	Fraction	Size - Thread	Decimal	Fraction
1/8"-27	.405	13/32"	3/4"-14	1.050	1-3/64"	2"-11-1/2	2.375	2-3/8"
1/4"-18	.540	17/32"	1"-11-1/2	1.315	1-5/16"	2-1/2"-8	2.875	2-7/8"
3/8"-18	.675	43/64"	1-1/4"-11-1/2	1.660	1-21/32"	3"-8	3.500	3-1/2"
1/2"-14	.840	27/32"	1-1/2"-11-1/2	1.900	1-29/32"	3-1/2"-8	4.000	4"

Actual Outside Diameters of Pipe Threads (I.P.S.)

1/8" Pipe measures 3/8" O.D.



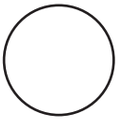
1/8" Pipe 27 threads per inch

1/4" Pipe measures 1/2" O.D.



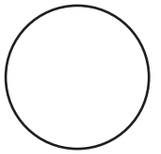
1/4" Pipe 18 threads per inch

3/8" Pipe measures 5/8" O.D.



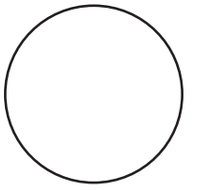
3/8" Pipe 18 threads per inch

1/2" Pipe measures 13/16" O.D.



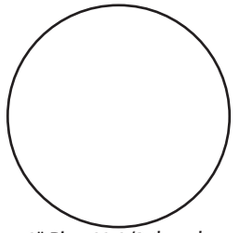
1/2" Pipe 14 threads per inch

3/4" Pipe measures 1" O.D.



3/4" Pipe 14 threads per inch

1" Pipe measures 1-1/4" O.D.



1" Pipe 11-1/2 threads per inch

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206311	853	207973	483	211285	651	215839	866	217352	277	219476	218
206347	853	207983	483	211350	825	215865	671	217376	278	219483	218
206359	853	208036	483	211413	223	216057	657	217388	278	219508	218
206361	853	208050	483	211425	223	216069	657	217403	278	219520	218
206373	853	208062	483	211437	223	216071	657	217415	277	219534	217
207010	159	208074	483	211449	223	216083	657	217427	278	219558	217
207022	159	208098	483	211451	223	216095	657	217439	277	219560	217
207034	159	208101	483	211463	223	216108	657	217441	454	219572	191
207051	190	208110	483	211475	223	216134	618	217489	275	219596	557
207068	104	208113	483	211487	223	216146	618	217528	275	219609	217
207079	171	208125	483	211499	223	216160	618	217530	275	219611	217
207080	171	208202	483	211502	223	216172	618	217542	275	219635	217
207086	161	208210	483	211514	223	216184	618	217566	275	219659	216
207092	171	208214	483	211526	223	216196	618	217578	275	219680	218
207099	164	208220	483	211538	223	216261	618	217592	275	219724	216
207105	164	208230	483	211540	223	216386	896	217605	275	219755	216
207111	164	208235	483	211552	225	216398	896	217617	237	219765	216
207117	164	208239	483	211564	230	216405	714	217631	283	219786	216
207130	171	208240	483	211576	230	216412	714	217643	283	219800	217
207168	177	208252	483	211588	230	216415	714	217655	283	219813	193
207182	177	208260	483	211590	230	216425	726	217706	284	219825	220
207188	177	208262	483	211603	230	216437	726	217720	284	219837	220
207200	177	208290	483	211615	230	216445	772	217756	284	219849	220
207206	177	208365	483	211627	230	216451	728	217768	284	219851	220
207261	177	208389	483	211639	230	216463	722	217819	283	219875	211
207267	177	208392	483	211641	230	216475	722	217845	283	219887	220
207363	217	208396	484	211653	230	216487	729	217869	283	219899	220
207369	217	208416	484	211665	230	216499	729	217908	454	219938	220
207375	217	208428	484	211677	230	216502	733	217910	287	219940	220

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220018	220	223975	564	228711	75	235324	173	237683	864	243410	959
220020	220	224509	657	228723	75	235326	174	237694	865	243422	959
220032	220	224510	657	228734	75	235336	173	237695	865	243434	959
220070	220	224523	657	231528	581	235348	173	237709	865	243446	959
220094	216	224524	657	231530	581	235350	173	237712	865	243458	958
220121	216	224525	656	231531	581	235401	162	237713	865	243460	958
220150	216	224553	678	231592	580	235413	162	237746	91	243465	959
220157	216	224554	678	231605	581	235415	173	237747	91	243466	959
220169	216	224555	678	231617	581	235417	173	237748	102	243470	959
220195	216	224556	678	231629	581	235427	167	238142	901	243484	959
220208	216	224562	678	231630	581	235437	167	238154	900	243488	960
220210	216	224600	657	231631	581	235449	167	238166	900	243493	960
220234	216	224612	657	231634	581	235474	174	238178	900	243496	960
220235	216	224624	657	231643	581	235475	174	238205	901	243498	960
220246	216	224648	657	232152	124	235487	174	238217	901	247456	315
220258	216	224656	656	232153	124	235502	174	238229	901	247470	315
220311	216	224662	657	232570	101	235510	170	238231	901	247482	315
220323	216	224701	656	232621	101	235564	188	238243	901	247494	315
220373	218	225272	656	232633	100	235566	188	238267	900	247507	315
220385	194	225284	656	232657	100	235568	188	238279	900	247533	315
220462	218	225309	656	232669	100	235576	188	238281	900	247567	875
220486	200	225347	656	232671	100	235627	159	238293	900	247599	899
220510	218	225359	656	232708	100	235639	159	238306	901	247607	899
221111	974	225361	656	232710	100	235665	162	238318	901	247617	372
221123	974	225373	656	232712	100	235677	167	238320	901	247618	372
221135	974	225385	656	232714	100	235689	167	238508	649	247619	372
221147	974	225386	656	232716	100	235691	173	239423	872	247620	372
221159	974	225401	656	232718	100	235805	174	239459	872	247621	293
221161	974	225408	899	232746	100	235806	174	239461	872	247622	876
222567	907	227606	36	232835	100	236059	316	239598	869	247646	876
222579	907	227618	36	232859	100	236060	369	239601	869	247658	876
222581	907	227719	851	232948	100	236078	316	239714	865	247696	876
222656	907	227757	851	232962	100	236079	369	239726	865	247710	876
222668	907	227795	851	233229	101	236081	369	239731	865	247723	876
222670	907	227808	851	233700	116	236112	316	239738	865	247735	876
222682	907	227809	851	233701	116	236162	322	241024	579	247736	296
222694	907	227810	850	233712	116	236174	322	241036	579	247737	296
222707	907	227822	851	233713	116	236186	319	242318	628	247746	296
222719	907	227834	851	235007	159	236198	319	242329	628	247748	296
222721	907	227846	851	235019	159	236201	319	242355	713	247750	893
222722	851	227858	851	235108	162	236326	369	242367	713	247751	893
222733	907	227896	850	235112	167	236348	369	242379	713	247756	876
222740	907	227909	852	235115	167	236350	369	242381	713	247762	876
222745	907	227911	852	235118	167	236376	371	242393	713	248460	763
222757	907	227923	852	235122	162	236388	375	242406	713	248472	763
222801	852	227935	852	235151	124	237001	551	242418	713	248509	763
222812	194	227947	852	235156	163	237013	551	242420	713	248511	763
222818	564	227959	852	235172	174	237099	673	242432	575	248536	124
222819	564	227961	852	235184	173	237126	295	242773	923	248573	766
222912	26	227973	852	235209	174	237203	174	242797	923	248579	766
223149	190	227985	852	235223	174	237215	899	242824	923	248585	766
223702	561	227997	852	235235	168	237241	372	242836	923	248612	763
223748	560	228002	852	235237	167	237304	265	242848	923	248624	763
223750	562	228103	851	235239	167	237316	265	242862	923	248662	763
223754	562	228115	851	235241	167	237354	265	242874	923	248674	763
223762	561	228118	851	235242	167	237445	538	242886	923	248775	754
223782	561	228658	75	235244	167	237455	538	242901	923	248787	754
223784	561	228665	75	235245	167	237506	781	243319	975	249011	120
223785	561	228672	75	235246	188	237507	781	243333	975	249107	763
223788	561	228684	75	235250	188	237607	713	243345	975	251811	241

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252318	464	252738	466	254300	241	256239	665	258221	914	263222	606
252320	464	252748	890	254312	241	256241	665	258233	914	263234	606
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252407	464	252939	467	254588	241	256557	309	261305	906	263323	598
252419	465	252941	467	254590	241	256568	309	261343	906	263335	598
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252508	464	252977	467	254641	241	256595	309	261381	906	263397	603
252510	464	252988	468	254677	241	256621	310	261393	384	263400	603
252522	464	252991	468	254691	241	256633	310	261405	384	263414	603
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252572	466	253194	468	254944	241	256710	311	261736	198	263504	599
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252623	466	254045	665	256001	665	257267	966	262614	605	263638	607
252635	466	254069	241	256013	665	257279	966	262616	605	263647	610
252647	466	254071	241	256025	665	257281	966	262618	605	264111	121
252659	466	254083	241	256037	665	257293	966	262624	605	264113	58
252661	466	254108	241	256049	665	257750	914	262654	606	264117	124
252673	466	254110	241	256051	665	257762	914	262663	606	264119	124
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252720	466	254223	241	256138	665	257990	914	263146	604	264193	604
252722	466	254235	241	256140	665	258005	914	263157	604	264207	604
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252726	466	254259	241	256164	665	258055	914	263171	604	264228	604
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264301	612	267560	137	269330	918	275417	209	277779	224	283717	489
264315	607	267562	648	269351	917	275429	209	277780	224	283731	489
264515	607	267573	115	269363	917	275431	209	277790	224	283755	489
264539	607	267763	136	269375	917	275506	300	277815	224	283779	489
264604	607	267770	136	269399	917	275518	300	277875	224	283781	489
264717	607	267775	110	269426	917	275520	300	277966	234	283793	489
264818	607	267787	110	269438	917	275532	300	279314	961	283806	489
264919	607	267799	110	269755	918	275544	300	279338	961	283818	489
264933	607	267840	139	269779	918	275556	300	279340	961	283820	489
265047	906	267841	140	269831	916	275568	300	279352	960	283882	489
265062	607	267842	140	269832	916	275570	300	279358	961	283907	489
265073	906	267843	140	269844	916	275582	300	279364	961	283915	489
265086	906	267845	140	269856	916	275594	300	279504	850	283919	489
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265099	906	267851	140	269882	916	275621	300	279528	850	283922	489
265138	906	267852	140	269894	916	275645	300	279768	852	283927	489
265151	906	267890	136	269907	916	275671	300	279782	852	283933	489
265164	906	267941	97	269956	916	275695	300	279807	852	283934	489
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265203	906	267977	97	269960	916	275823	300	281117	850	284024	489
265264	607	267989	97	269961	916	275835	300	281206	850	284036	489
265288	607	268979	922	269969	916	275859	300	281218	850	284037	489
265365	107	268983	922	269971	916	275861	300	281307	850	284039	489
265377	107	268990	922	269983	916	275873	300	281319	850	284048	489
265389	107	269000	922	270001	916	275885	300	281591	84	284062	489
265391	107	269001	922	270013	916	275897	300	281600	84	284163	489
265404	107	269002	922	270018	916	275900	300	281650	84	284240	489
265416	107	269003	922	270019	916	275924	300	281651	84	284310	489
265428	107	269004	922	271391	99	276003	933	282929	489	284315	489
265454	107	269005	922	271393	99	276015	301	282943	489	284317	489
265466	107	269006	922	271395	99	276027	301	283008	489	284365	489
265505	107	269007	922	271397	99	276039	301	283022	489	284377	489
265531	107	269010	922	272330	100	276041	301	283059	489	284404	489
265534	107	269022	922	272333	100	276053	301	283060	489	284428	489
266002	137	269026	922	273526	214	276067	301	283109	489	284429	489
266038	137	269027	922	273639	214	276079	301	283123	489	284431	489
266052	137	269028	922	273690	214	276089	301	283159	489	284517	124
266076	137	269030	922	273691	214	276091	301	283200	489	284518	124
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266153	137	269035	920	273766	214	276116	301	283224	489	284529	124
266165	137	269037	920	273785	214	276128	301	283250	489	284567	251
266191	137	269038	920	273829	214	276130	301	283286	489	284579	251
266216	137	269039	920	273831	214	276134	301	283313	489	284580	273
266242	137	269040	920	273843	214	276142	301	283318	489	284582	273
266305	137	269043	920	273918	214	276146	301	283325	489	284584	273
266418	138	269044	920	273969	214	276154	301	283349	489	284586	273
266420	138	269046	917	273970	214	276166	301	283363	489	284587	269
266432	137	269047	917	274047	214	276178	301	283370	489	284588	269
266444	137	269084	922	274302	214	276180	301	283372	489	284589	269
266456	138	269096	923	274489	214	276192	301	283399	489	284590	269
266507	628	269135	917	274542	214	276205	301	283454	489	284592	269
266568	608	269194	919	274592	214	276217	301	283464	489	284594	269
266569	135	269195	919	274605	214	277687	224	283467	489	284596	269
266570	135	269285	919	274631	214	277699	224	283476	489	284598	269
266686	139	269286	919	274655	214	277702	224	283480	489	284600	269
266698	139	269292	919	274681	214	277714	224	283486	489	284601	269
266701	139	269295	919	274782	214	277726	224	283488	489	284602	269
266711	139	269296	919	274908	215	277738	224	283490	489	284603	267

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284605	267	300739	259	309559	965	312897	961	314515	546	315300	774
284606	273	300741	259	309561	965	312900	961	314516	545	315312	774
284618	273	300765	251	309573	965	312950	306	314518	545	315324	774
284620	273	300800	264	309575	965	312962	306	314520	545	315336	778
284628	273	300805	259	309586	965	312974	306	314521	545	318217	124
284632	273	300810	257	309751	962	312986	306	314523	545	318255	908
284644	273	300828	66	309763	962	312998	306	314524	547	318267	908
284656	273	300830	66	309787	962	313003	306	314526	547	318279	908
284658	273	300842	370	310007	963	313015	306	314528	547	318281	908
284666	273	300854	370	310033	963	313027	306	314548	547	318283	908
284668	274	300866	370	310045	963	313039	306	314560	547	318293	908
284670	274	300878	370	310057	963	313041	306	314562	547	320789	122
284757	284	300880	370	310083	964	313053	306	314583	547	320790	157
289151	775	300892	370	310095	964	313065	306	314586	547	320800	111
289175	775	300990	370	310108	964	313089	306	314598	547	320802	111
289187	775	300993	370	310110	964	313091	306	314613	547	321825	84
289199	775	301095	370	310122	964	313128	961	314614	545	321996	84
289303	772	301096	370	310158	964	313130	961	314618	547	322030	84
289315	772	301503	370	310209	964	313180	961	314625	547	322407	116
289327	772	301515	370	310210	964	313192	961	314684	546	322417	116
289339	772	301527	370	310220	964	313205	961	314685	546	322522	623
289353	770	301540	370	310233	964	313217	961	314687	547	322611	77
289416	774	301541	370	310273	962	313229	961	314696	548	323117	672
289428	774	301552	370	310297	962	313231	961	314702	547	323307	654
290089	768	301553	370	310312	962	313255	961	314708	547	323319	654
290091	768	301565	370	310347	963	313267	961	314716	548	323357	654
290104	768	301591	370	310348	963	313279	961	314718	548	323369	654
290117	768	301604	370	310358	963	313281	961	314721	548	323458	725
290243	771	301616	370	310401	962	313293	961	314722	546	323460	725
290255	770	301628	370	310415	962	313306	961	314723	546	323600	923
290306	767	301630	370	310502	956	313318	961	314724	548	323751	923
290344	768	302947	714	310503	956	313320	961	314726	547	323838	923
290368	818	302953	767	310538	954	313510	961	314728	548	323840	923
290433	770	302954	767	310539	954	313522	961	314732	548	323852	923
290445	770	302961	767	310564	954	313558	961	314733	548	323864	923
290457	768	303002	584	310590	954	313562	961	314734	548	323876	923
290522	768	303052	584	310603	954	313700	961	314735	548	323903	923
290546	772	303141	122	310604	955	313712	961	314740	548	324006	356
290700	767	303189	966	310605	955	313748	961	314741	548	324018	356
290712	767	303254	559	310606	956	313750	961	314748	547	324119	975
290736	777	303355	580	310627	957	314411	545	314750	547	324121	975
293333	612	303420	463	310653	957	314423	546	314752	547	326957	623
299001	779	303444	463	310665	957	314435	545	314762	548	327100	617
299010	779	303456	463	310716	956	314447	545	314764	548	327101	617
299012	779	303500	462	310730	957	314457	545	314766	548	327102	617
299014	779	303501	462	310855	955	314459	545	314775	548	327103	617
300513	257	303545	463	310893	955	314461	545	314776	548	327104	617
300525	259	303800	594	310906	955	314465	545	314780	548	327105	617
300549	237	303901	648	312152	954	314473	545	314784	548	327189	866
300551	251	303949	648	312164	954	314497	545	314786	548	327292	619
300560	251	303955	648	312203	955	314498	544	314789	548	327317	619
300587	264	304472	648	312227	955	314499	544	314791	548	327318	896
300602	264	304509	584	312241	955	314500	545	314795	544	327319	896
300640	261	304559	570	312253	954	314501	544	314803	545	327320	896
300652	261	304701	586	312342	955	314502	545	314814	545	327500	551
300664	259	304751	586	312354	955	314503	544	314815	545	327501	551
300668	257	304852	586	312417	954	314504	544	314827	545	327557	552
300688	257	305450	573	312429	954	314505	544	314839	547	327569	552
300690	263	305501	593	312859	961	314506	544	314840	545	327603	978
300703	263	305709	648	312861	961	314510	550	314841	547	327604	978
300715	261	305766	648	312873	961	314512	545	314861	781	327605	978

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327611	978	336279	384	338550	917	341393	591	347105	502	350633	710
327711	654	336280	384	338562	917	341418	591	347117	502	350645	710
327736	654	336281	384	338574	917	341420	591	347218	502	351697	526
327747	654	336284	384	338575	917	341432	591	347220	502	352500	346
327759	973	336285	384	338586	917	341444	591	347232	502	352524	349
327761	972	336300	384	338598	917	341482	591	347244	502	352574	345
327773	972	336301	384	338599	917	341507	591	347282	502	352702	349
327785	972	336302	384	338613	917	341545	591	347294	502	352714	346
327797	972	336304	384	338625	917	341569	591	347333	502	352726	354
327812	973	336481	551	338637	917	342020	654	347346	502	352738	349
327824	973	336493	674	338649	917	342025	96	347368	503	353100	350
327836	973	336657	387	338651	917	342028	96	347372	503	353108	136
327848	973	336660	384	338663	917	342030	654	347383	503	353109	136
327850	973	336661	384	338687	917	342054	654	347395	503	353110	370
327862	973	336662	384	338699	917	342066	654	347408	503	353112	370
327874	973	337368	866	338702	917	342078	654	347410	503	353114	370
327886	973	337370	866	339100	598	342206	518	347663	503	353115	370
327898	973	337375	866	339101	598	342357	518	347674	503	353116	370
327901	973	337382	866	339102	598	343729	519	347686	503	353117	370
327913	973	337394	452	339103	598	344022	519	347698	503	353118	344
327925	973	337408	866	339104	598	344337	1010	348121	505	353122	350
327937	973	337419	452	339514	109	344349	1010	348133	505	353134	351
327949	973	337421	452	339519	109	345606	500	348145	505	353146	351
327951	973	338093	919	339526	109	345644	500	348183	500	353160	344
327963	972	338097	918	339530	109	345656	500	348195	500	353172	346
327975	973	338106	919	339538	109	345682	504	348222	506	353184	371
330780	242	338118	919	339730	109	345694	504	348234	506	353235	326
330785	244	338120	919	339819	120	345745	500	348246	505	353247	346
330794	421	338124	920	340101	198	345757	500	348258	506	353259	347
330807	244	338128	920	340104	198	345808	504	348260	506	353401	311
330819	244	338144	920	340113	200	345861	504	348272	506	353425	364
330821	244	338156	919	340125	200	345872	504	348335	498	353437	364
333497	582	338165	923	340137	200	345896	504	348359	506	353451	364
333499	582	338167	923	340149	200	345900	504	348361	506	353502	308
333501	582	338169	923	340151	200	345909	504	348373	506	353514	308
333503	582	338233	918	340163	200	345911	504	348385	506	353526	308
333574	574	338245	918	340175	200	345923	504	348397	506	353538	308
333613	587	338247	918	340199	198	345935	504	348462	499	353540	308
333614	552	338249	918	340202	198	345947	504	348474	499	353576	308
333625	587	338251	918	340214	200	345973	505	350000	189	353588	308
334122	573	338254	918	340226	198	345985	505	350002	667	353589	308
334994	597	338257	918	340238	198	345997	505	350010	189	353590	308
335000	597	338268	918	340245	200	346002	505	350012	189	353603	308
335005	597	338269	918	340247	200	346052	505	350015	189	353639	308
335007	597	338270	918	340251	200	346064	505	350022	189	353641	308
335008	597	338271	917	340253	200	346076	501	350025	778	353653	308
335009	597	338283	917	340257	195	346088	505	350102	420	353665	308
335251	598	338295	917	340261	199	346141	501	350126	420	353677	308
335252	598	338308	917	340265	199	346177	505	350140	420	354124	306
335263	598	338310	917	340269	199	346191	505	350164	420	354136	306
335275	598	338322	917	341001	654	346204	505	350188	420	354148	306
335314	264	338346	917	341003	654	346216	505	350190	420	354150	306
335324	264	338358	917	341004	654	346684	502	350203	420	354162	306
335326	264	338360	917	341329	591	346913	502	350215	420	354201	305
336203	384	338363	917	341331	591	346925	502	350330	508	354213	305
336215	384	338461	917	341336	591	346951	502	350342	508	354225	305
336227	384	338473	917	341339	591	346952	505	350570	710	354237	305
336239	384	338485	917	341341	591	346963	505	350582	710	354249	305
336241	384	338497	917	341343	591	347028	502	350594	710	354263	305
336253	384	338500	917	341355	591	347030	502	350607	710	354275	305

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354299	305	358386	515	363402	232	373542	313	378490	192	379609	238
354302	305	358398	515	363426	231	373554	313	378643	251	379610	238
354427	305	358401	515	363438	231	373566	313	378655	251	379611	238
354439	305	358413	515	364492	234	373578	313	378667	251	379633	238
354453	305	358425	515	364633	564	373631	313	378668	251	379645	238
354465	305	358437	515	367525	66	373643	313	378679	242	379657	238
354477	305	358451	515	367549	66	373718	313	378681	242	379667	238
354489	305	358463	515	367587	66	373720	313	378693	242	379668	238
354491	305	358475	515	367626	66	373768	313	378706	242	379669	238
354504	305	358502	515	368034	871	373908	314	378782	183	379671	241
354516	305	358514	515	368334	917	373910	314	378795	194	379672	241
354617	309	358538	515	369024	915	373922	314	378807	194	379673	241
354629	309	358539	515	369030	915	373934	314	378819	189	379696	249
354631	309	358704	515	369036	915	373939	314	378883	183	379698	249
354679	538	358716	515	369040	915	373946	314	378884	188	379758	249
355708	315	358728	515	369042	915	373950	314	378886	188	379759	249
357079	587	358730	515	369045	916	373951	314	378888	188	379760	238
357106	573	358742	515	369048	916	373959	314	378908	202	379771	250
357113	576	358906	515	369050	916	373960	314	378909	105	379772	238
357562	470	358918	515	369060	916	373972	314	378934	191	379773	250
357571	587	358920	515	371118	348	373984	314	379001	192	379775	250
357573	588	359059	515	371207	305	374000	850	379049	674	379780	238
357625	576	359061	515	371219	305	374010	850	379188	270	379782	256
357627	575	359073	515	371221	305	374020	850	379191	270	379783	256
357628	575	359085	515	371233	305	374025	314	379194	270	379784	256
357629	575	359354	515	371245	305	374030	850	379197	270	379796	256
357630	575	359364	515	371257	305	374040	850	379277	225	379809	257
357632	575	359376	515	371269	305	374050	850	379280	254	379811	257
357700	576	359388	515	371271	305	374060	850	379285	254	379835	257
357980	516	359403	515	371283	305	374075	314	379290	254	379847	257
357992	516	359617	515	371295	305	374087	314	379295	254	379859	255
358007	516	359629	515	371308	305	374099	314	379304	245	379861	255
358019	516	359631	515	371847	734	374126	314	379366	254	379863	255
358021	516	359962	611	371849	725	374152	314	379380	254	379864	255
358033	516	359972	611	372110	649	374162	311	379392	254	379865	255
358045	516	360014	616	372122	649	374166	311	379405	254	379866	257
358057	516	360040	460	372134	649	375039	358	379406	263	379873	257
358071	516	360052	460	373009	313	375053	548	379407	263	379885	257
358083	516	360444	660	373011	313	375101	364	379408	263	379897	257
358095	516	360468	660	373023	313	375103	364	379409	263	379902	257
358108	516	360470	660	373035	313	375105	364	379410	263	379906	257
358110	516	360507	660	373037	313	375143	353	379411	263	379912	908
358160	516	360521	660	373039	313	375154	353	379417	254	379924	908
358172	516	360595	743	373041	313	375166	353	379455	254	379936	908
358184	516	360634	460	373043	313	375177	340	379467	238	379948	908
358209	516	360638	460	373097	313	375181	340	379479	254	379950	244
358211	516	360640	458	373102	322	375190	311	379480	254	379962	257
358224	516	360658	458	373112	313	375205	311	379483	254	379974	257
358235	516	360660	458	373124	313	375217	358	379495	254	379998	36
358247	516	360662	458	373136	313	375229	306	379506	254	380004	36
358259	516	360672	458	373148	313	375231	306	379518	254	380016	36
358261	516	360684	459	373225	328	375242	306	379520	243	380017	254
358273	516	360696	459	373263	346	375258	306	379524	243	380018	254
358285	516	360723	459	373364	313	375268	306	379526	242	380030	238
358297	516	360812	616	373376	313	375278	306	379528	242	380040	238
358300	516	360848	612	373388	313	375281	306	379532	242	380042	908
358324	515	360862	617	373390	313	375284	306	379533	242	380050	255
358336	515	361042	596	373403	313	375285	306	379534	242	380054	908
358348	515	361092	459	373453	313	375286	306	379535	242	380060	255
358350	515	361105	618	373465	313	375287	306	379536	242	380066	908
358362	515	361117	618	373528	313	377475	885	379537	242	380070	255

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380080	255	386015	205	392198	616	401555	409	402999	44	405772	799
380082	908	386017	205	392225	616	401567	409	403004	45	405774	799
380090	255	386019	205	392251	611	401579	409	403326	41	405778	799
380100	255	386021	205	392302	612	401593	409	403333	41	405863	801
380106	908	386032	205	392376	611	401606	409	403344	39	405864	801
380117	908	386044	205	394801	977	401620	409	403345	41	405870	801
380129	908	386525	512	394805	977	401624	409	403346	45	405883	801
380131	908	386537	512	394807	977	401656	409	403350	10	405907	798
380143	908	386816	512	394813	977	401668	409	403351	9	405919	798
380146	908	387363	508	394825	977	401707	409	403374	38	405921	798
380159	908	387375	512	394828	977	401757	409	403388	39	405933	798
380162	908	387387	512	394830	977	401769	409	403389	39	405945	798
380164	908	387604	508	394837	977	401822	409	403390	39	405956	798
380167	496	387678	512	394849	977	401909	409	403391	39	405969	798
380169	908	390962	619	394851	977	401961	409	403392	39	405972	798
380170	908	390974	619	394863	977	401985	409	403393	39	405983	798
380171	908	391007	623	394875	977	401997	403	403394	39	405995	798
380172	908	391021	623	394887	977	401999	403	403395	39	406010	798
380173	908	391033	623	394890	977	402002	403	403396	38	406011	798
380177	908	391110	621	394892	977	402014	403	403397	38	406014	798
380178	908	391146	621	394894	977	402015	409	404010	41	406016	798
380179	908	391158	621	394896	977	402019	655	404107	801	406018	798
380180	908	391160	619	394899	977	402026	409	404169	801	406019	798
380183	908	391172	619	394902	977	402040	409	404171	801	406020	798
380184	908	391247	622	394914	977	402090	408	404309	808	406024	798
380185	908	391261	622	394926	977	402104	408	404323	808	406026	798
380186	908	391285	622	394938	977	402141	418	404690	800	406036	797
380187	908	391286	622	394940	977	402153	417	404703	800	406042	797
380188	908	391289	622	395955	276	402165	418	404715	800	406048	797
380189	908	391290	622	396426	278	402177	418	404727	800	406050	797
380218	120	391297	620	396653	280	402219	42	404741	800	406062	797
380220	120	391300	620	396665	280	402220	42	404753	800	406074	797
380221	120	391324	620	396704	280	402221	42	404765	800	406252	800
380244	121	391336	620	396728	281	402222	42	404794	800	406264	800
380256	121	391348	620	396730	281	402223	42	404796	800	406276	800
380282	120	391362	623	396754	282	402266	45	404804	801	406288	800
380294	120	391386	620	396855	281	402569	46	405561	799	406290	800
380307	120	391413	620	396867	281	402572	40	405562	799	406303	800
380321	120	391437	622	396893	282	402573	40	405563	799	406319	800
380333	120	391487	617	397011	282	402575	40	405564	799	406327	800
380341	120	391603	602	397059	283	402583	46	405565	799	406339	800
380357	796	391639	598	397073	283	402585	40	405566	799	406341	800
380369	796	391653	597	397097	283	402587	39	405567	799	406505	806
380372	796	391677	597	397100	283	402610	44	405569	799	406517	806
380395	792	391691	608	397174	284	402711	43	405570	799	406769	806
380446	794	391829	604	397225	284	402759	43	405571	799	407040	806
380458	794	391843	604	397237	284	402760	43	405590	799	407052	806
380460	794	391881	604	397655	674	402761	43	405592	799	407088	806
380472	794	391906	609	397665	674	402764	43	405630	799	407103	806
380509	794	392009	609	398102	187	402766	43	405631	799	407140	806
380511	794	392011	609	398203	187	402796	45	405642	799	407141	806
380649	790	392023	609	398215	187	402799	45	405643	799	407228	806
380650	789	392035	609	399762	91	402801	45	405654	799	407242	806
380651	789	392047	609	399784	971	402802	43	405655	799	407280	806
380655	789	392061	609	399790	971	402803	45	405666	799	407329	806
380656	789	392073	609	399795	971	402804	45	405667	799	407343	806
380662	789	392085	609	400313	132	402805	855	405705	800	407367	806
380663	789	392097	609	400325	132	402891	43	405729	800	407406	806
380674	789	392100	609	401404	409	402892	43	405731	800	407432	806
380675	789	392124	609	401428	409	402946	43	405743	800	407456	806
385547	826	392136	611	401442	409	402951	44	405755	800	407468	806

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407709	806	409400	798	412065	809	413839	337	415353	335	418457	336
407711	806	409450	807	412068	809	413904	551	415364	335	418465	336
407723	806	409462	807	412074	809	413916	551	415934	193	418497	335
407735	806	409474	807	412078	809	413928	551	416026	337	418500	335
407761	806	409548	807	412080	809	413966	551	416138	337	418524	340
407800	806	409549	807	412083	809	414019	551	416176	337	418536	340
408030	806	409587	807	412084	809	414021	551	416188	337	418562	335
408042	806	409638	807	412087	809	414209	324	416215	337	418574	336
408054	806	409676	798	412088	809	414211	324	416288	337	418599	336
408060	806	409753	808	412091	809	414235	324	416380	337	418601	326
408080	806	409789	808	412093	809	414261	324	416467	337	418613	336
408092	806	409790	808	412094	809	414297	324	416594	337	418625	337
408105	806	410352	808	412096	809	414350	324	416803	338	418637	336
408129	806	410364	808	412097	809	414398	338	416820	338	418664	336
408160	806	410542	808	412098	809	414401	338	416912	337	418702	337
408219	469	410579	808	412101	974	414463	339	416998	337	418715	337
408408	806	410704	808	412104	974	414487	350	417027	339	418725	337
408535	804	410744	802	412107	974	414499	337	417053	339	418738	337
408546	804	410756	802	412108	974	414526	337	417217	339	418878	338
408547	804	410770	802	412109	974	414564	351	417243	339	418888	338
408561	804	410782	802	412110	974	414576	350	417250	339	420022	35
408571	804	410794	802	412112	974	414590	337	417407	340	420033	35
408584	804	410807	802	412114	974	414603	350	417422	340	423119	338
408585	804	410819	808	412116	974	414627	337	417459	340	423121	338
408601	804	410833	808	412130	758	414641	337	417507	340	423195	338
408612	804	411325	808	412142	758	414689	349	417511	338	423222	338
408624	804	411326	808	412154	758	414704	349	417675	334	423234	338
408701	804	411327	808	412166	758	414716	349	417687	334	423246	338
408713	805	411328	808	412178	758	414754	337	417698	334	423272	338
408725	805	411859	810	412180	758	414780	345	417778	334	423296	338
408838	805	411861	810	412192	758	414792	338	417802	334	423309	338
408852	805	411873	810	412306	880	414805	345	417814	334	423323	338
408876	805	411885	810	412356	825	414817	325	417838	334	423335	338
408888	805	411897	810	412368	825	414829	345	417898	330	423347	338
408890	805	411900	810	412370	825	414831	363	417902	330	423359	338
408903	805	411912	810	412433	201	414906	360	417940	330	423361	336
408915	806	412001	803	412609	338	414920	360	417953	330	423373	338
408927	806	412014	809	412611	338	414932	360	417954	330	423385	338
408941	806	412018	809	412623	338	414956	360	417964	330	423397	338
409096	803	412019	809	412647	338	414970	360	417976	330	423400	338
409097	803	412022	809	412750	338	414982	338	418078	331	423412	338
409108	803	412024	809	412762	338	415011	360	418093	331	423424	338
409118	803	412026	809	413043	338	415023	360	418106	337	423436	338
409157	798	412030	809	413051	338	415035	360	418120	337	423450	338
409163	798	412034	809	413067	337	415085	360	418143	331	423462	338
409165	798	412036	809	413079	337	415136	363	418221	338	423498	338
409166	798	412037	809	413081	337	415154	363	418233	340	423501	338
409170	798	412038	809	413093	337	415162	363	418246	340	423513	338
409171	798	412040	809	413106	203	415174	363	418284	339	423537	338
409208	803	412042	809	413245	338	415186	336	418295	339	423549	338
409210	803	412044	809	413257	338	415201	364	418309	335	423587	331
409225	801	412046	809	413269	338	415237	327	418311	335	423640	338
409260	806	412048	809	413395	338	415249	327	418335	340	423664	338
409265	806	412050	809	413423	338	415251	327	418347	340	423688	338
409268	806	412052	809	413446	204	415275	327	418359	336	425492	336
409272	806	412053	809	413500	338	415287	327	418361	336	425505	337
409309	798	412054	809	413512	338	415299	327	418373	336	425517	337
409311	798	412057	809	413550	338	415302	739	418384	336	425529	337
409323	798	412058	809	413562	338	415314	740	418412	340	425531	337
409335	798	412060	809	413601	337	415326	326	418424	336	425555	338
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425581	337	426800	911	430392	106	436293	112	440507	824	444286	860
425593	337	426812	911	430402	106	436294	112	440604	824	444288	860
425606	337	426824	911	430405	106	436318	110	440605	824	444290	867
425620	338	427105	911	430417	106	436356	112	440606	824	444299	867
425644	338	427143	911	430431	106	436358	112	440607	824	444300	867
425668	337	427167	911	430443	106	436370	111	440608	824	444302	867
425682	339	427179	911	430484	106	436371	111	440610	824	444304	865
425721	338	427206	911	431027	753	436394	158	440747	843	444306	865
425733	338	427218	911	431217	757	436412	157	440759	843	444555	859
425810	338	427232	911	431229	753	436419	157	440761	843	444719	862
425825	338	427244	911	431231	753	436421	157	440773	843	444810	862
425830	338	427268	911	431243	753	436433	158	440785	843	444822	862
425834	337	427270	911	431255	752	436445	158	440797	843	444846	862
425858	337	427307	911	431267	752	436469	132	440800	843	444858	862
425860	337	427319	911	431279	752	436471	157	440812	825	444909	867
425872	337	427321	911	431320	778	437010	734	440824	826	444911	862
425911	337	427345	911	431321	939	437011	777	440836	757	446216	325
426204	480	427357	911	431322	939	437035	777	440848	757	451497	781
426230	911	427383	911	431323	938	437036	777	440987	420	451500	781
426254	911	427395	911	431324	938	437037	777	440999	420	451524	779
426278	911	427446	911	431326	938	437056	728	441004	420	451574	781
426280	911	427561	912	431330	716	437068	728	441016	420	451598	781
426292	911	427585	912	431332	751	437079	771	441117	420	451714	779
426305	911	427840	909	431356	751	437308	733	441129	420	451725	779
426317	911	427903	961	435051	117	437311	733	441131	420	451726	779
426329	911	427941	961	435052	117	437323	733	441181	420	451738	779
426343	911	428006	948	435077	117	437335	733	441193	420	451776	780
426355	911	428020	948	435078	117	437347	733	441507	420	451800	673
426367	911	428056	948	435092	117	437408	736	441508	420	451803	780
426379	911	428119	948	435093	117	437412	736	441509	420	451815	780
426381	911	428157	948	435128	117	437421	736	441511	420	451841	780
426393	911	428551	948	435136	117	437434	736	441612	966	451879	780
426406	911	428563	948	435152	117	437447	730	443995	858	451891	780
426418	911	428575	948	435153	117	437459	730	444002	684	451904	780
426420	911	428602	948	435176	117	437501	743	444009	858	451905	780
426432	911	428614	948	435177	117	437513	743	444010	857	451906	780
426444	911	428804	948	435190	117	437525	742	444012	859	451910	779
426468	911	428810	908	435191	117	437538	742	444024	859	452108	854
426470	911	428815	908	435277	117	437551	743	444036	859	452158	778
426483	911	428820	908	435280	117	437563	742	444048	859	452161	778
426494	911	428825	908	435282	119	437704	347	444050	859	452172	778
426507	911	429212	125	435283	119	439124	347	444062	859	452185	778
426519	911	429224	125	435285	118	439148	347	444070	856	452190	778
426521	911	429464	142	435291	118	439162	347	444101	856	452196	778
426557	911	429476	142	435296	118	439174	347	444122	857	452200	778
426569	911	429488	142	435299	118	439186	348	444137	856	452209	853
426571	911	429490	142	435304	118	439719	743	444149	856	452212	853
426583	911	430269	106	435309	118	439972	757	444165	856	452214	853
426595	911	430270	106	435316	118	439984	757	444175	857	452217	853
426608	911	430271	106	435328	118	439996	757	444180	860	452235	853
426634	911	430276	106	435330	118	440051	757	444183	860	452300	778
426646	911	430280	106	435366	118	440053	759	444184	860	453720	185
426658	911	430285	106	435378	119	440064	757	444186	860	453732	185
426660	911	430289	106	436003	115	440074	751	444187	857	453736	185
426684	911	430291	106	436004	115	440075	761	444200	857	453744	185
426696	911	430304	106	436105	110	440470	824	444204	860	453756	185
426709	911	430316	106	436116	110	440482	824	444215	860	453759	184
426723	911	430320	746	436128	110	440483	824	444243	194	453762	184
426735	911	430330	106	436279	115	440484	824	444254	860	453763	185
426759	911	430342	106	436280	115	440485	824	444266	860	453765	184
426761	911	430354	106	436281	115	440486	824	444283	860	453769	184

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453845	184	454619	185	460258	745	460896	774	466944	304	467527	303
453857	184	454631	185	460268	746	460903	853	466979	304	467539	303
453859	184	454643	185	460270	746	460977	773	466980	304	467540	303
453861	184	454669	179	460282	746	461133	740	466993	304	467541	303
453863	184	454671	179	460290	747	461145	740	467008	304	467542	303
453864	184	454687	179	460307	746	461150	740	467011	304	467560	303
453865	184	454691	179	460318	746	461151	740	467034	304	467565	303
453869	184	454695	179	460319	746	461222	660	467036	304	467568	303
453870	184	454697	179	460321	746	461236	660	467038	304	467573	303
453871	184	454699	179	460331	745	461246	660	467042	304	467577	303
453885	186	455205	427	460332	745	461385	331	467045	304	467589	303
453888	184	455214	426	460333	745	461401	331	467046	304	467590	303
453892	184	455219	428	460345	743	461513	331	467053	304	467591	303
453893	184	455224	426	460348	747	461739	334	467054	304	467604	303
453895	184	455225	426	460357	747	461777	334	467055	304	467616	303
453896	184	455226	426	460360	747	461828	331	467084	303	467628	294
453897	184	455228	426	460362	825	461866	339	467096	303	467630	303
453898	184	455229	428	460369	743	461944	332	467109	303	467642	303
453899	184	455231	426	460371	747	462034	334	467111	303	467654	303
453900	184	455232	426	460380	744	462248	332	467123	303	467658	303
453901	184	455238	428	460381	744	462250	331	467135	303	467660	303
453908	184	455239	426	460383	743	462262	332	467147	303	467678	304
453922	184	455243	426	460408	743	462274	332	467159	303	467705	304
453934	184	455252	426	460410	743	462286	339	467160	303	467717	304
453950	186	455281	426	460421	743	462298	332	467161	304	467729	304
453955	186	455283	426	460423	743	462301	331	467173	304	467731	304
454050	184	455484	426	460439	743	462313	332	467185	304	467734	304
454053	184	457526	734	460485	748	462868	332	467197	304	467738	304
454055	184	458338	154	460497	748	462907	331	467205	304	467767	303
454057	184	458340	154	460509	748	462995	332	467212	304	467781	303
454074	186	458353	155	460511	741	463098	332	467214	304	467793	303
454090	186	458354	155	460523	743	465636	122	467216	304	467806	303
454102	186	458356	155	460662	650	466640	304	467218	304	467807	303
454114	186	458388	155	460763	816	466652	304	467250	303	467820	303
454125	186	459051	852	460788	816	466688	304	467262	303	467832	303
454126	185	459102	852	460790	731	466689	304	467274	303	467844	303
454138	185	459152	852	460792	731	466690	304	467286	303	467856	303
454152	185	459203	852	460794	731	466693	304	467298	303	467868	303
454314	185	459253	852	460797	772	466703	304	467301	303	467870	303
454315	185	459304	852	460799	772	466727	304	467313	303	467882	303
454317	185	459354	852	460801	772	466739	304	467315	303	467894	303
454330	185	459405	852	460803	772	466741	304	467325	303	467907	303
454380	185	459758	852	460805	772	466743	304	467337	303	467919	303
454405	185	460105	744	460810	774	466777	304	467349	303	467921	303
454417	185	460117	744	460812	774	466791	304	467351	303	467983	303
454429	185	460155	744	460817	774	466792	304	467363	303	468012	303
454431	185	460167	744	460820	775	466804	304	467375	303	468024	303
454443	185	460179	744	460840	731	466806	304	467387	303	468036	303
454458	185	460181	745	460842	731	466816	304	467389	303	468048	303
454467	185	460193	745	460852	731	466820	304	467399	303	468050	303
454479	185	460206	745	460864	731	466830	304	467402	303	468062	303
454491	185	460208	745	460880	772	466831	304	467414	303	470017	321
454506	185	460218	745	460882	772	466842	304	467438	303	470029	321
454518	185	460220	745	460884	772	466854	304	467440	303	470043	349
454520	185	460222	745	460886	775	466866	304	467452	303	470055	322
454530	185	460232	745	460888	775	466867	304	467464	303	470067	354
454532	185	460233	745	460889	775	466880	304	467476	303	470079	358
454535	185	460234	745	460890	731	466892	304	467478	303	470081	358
454542	185	460235	745	460891	731	466905	304	467488	303	470447	318
454556	185	460245	745	460892	774	466917	304	467490	303	470461	318

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470514	317	475094	441	476235	446	479394	226	480736	823	484472	129
470524	317	475095	441	476247	446	479407	226	480737	823	484496	129
470536	317	475105	441	476259	446	479419	226	480740	823	484499	141
470548	317	475109	441	476261	446	479421	226	480742	823	484501	141
470651	317	475110	441	476273	446	479445	226	480744	823	484509	141
470687	317	475111	441	476285	446	479457	226	480745	823	484511	141
470699	370	475112	441	476286	446	479469	226	480748	823	484523	143
470702	370	475118	441	476287	446	479471	226	480749	823	484535	143
470714	370	475119	441	476297	446	479508	226	480750	823	484547	138
470719	370	475120	441	476312	446	479510	226	481068	668	484555	138
470726	317	475121	441	476425	446	479560	226	481070	668	484557	138
470738	370	475122	441	476451	445	479572	226	481072	668	484559	138
470740	317	475166	441	476564	445	479584	226	481074	668	484561	138
470742	370	475173	441	476566	445	479596	226	481079	667	484573	140
470743	370	475174	441	476567	445	479609	226	481948	525	484585	140
470752	372	475208	443	476568	445	479623	226	481950	525	484597	140
470815	374	475222	443	476590	453	479647	226	481951	525	484600	140
470827	374	475247	443	476595	446	479659	226	481952	525	484632	143
470839	370	475255	443	476603	445	479700	226	481953	525	484634	143
470853	370	475260	443	476615	445	479750	226	481954	525	484636	143
471362	323	475273	443	476627	446	479762	226	481958	525	484648	143
471374	311	475284	443	476630	446	479774	226	481959	522	484820	602
471376	740	475323	442	476635	446	479786	226	481970	522	484840	602
471378	740	475347	442	476665	446	479798	226	481980	521	484853	602
471390	656	475361	442	476667	446	479801	226	481982	521	484890	602
473316	676	475397	442	476671	268	479851	226	482000	521	484900	602
473317	676	475410	442	476718	265	479863	226	482006	521	484965	603
473465	370	475424	442	476720	445	479875	226	482008	521	484977	603
473467	370	475448	442	476721	445	479887	226	482012	521	484990	603
473479	370	475460	442	476722	441	479899	226	482013	655	485020	603
473480	370	475464	444	476778	268	479914	224	482014	655	485032	603
473482	370	475465	442	476790	268	479938	226	482016	655	485045	603
473484	370	475486	442	476792	268	479964	226	482018	655	485498	307
473490	370	475505	442	476829	268	479976	226	482020	655	485501	307
473491	370	475519	442	476843	268	479990	226	482022	655	485513	307
473493	370	475520	442	476867	268	480018	226	482024	655	485525	307
474702	443	475590	442	476869	268	480020	226	482026	655	485537	307
474707	443	475591	442	476870	268	480032	226	482028	655	485549	307
474716	443	475592	442	476871	268	480044	226	482030	655	485561	307
474719	443	475598	442	476872	268	480056	226	482034	655	485573	307
474725	443	475600	442	476994	672	480068	226	482074	521	485585	307
474731	443	475603	442	477008	441	480070	226	482086	521	485597	307
474732	443	475609	442	477009	441	480082	232	482113	521	485609	307
474733	443	475611	442	477035	445	480094	232	482125	521	485621	307
474738	443	476008	442	477047	445	480107	232	482505	526	486568	387
474752	443	476045	444	477049	855	480501	230	482529	526	486577	387
474768	444	476058	451	477050	855	480525	230	482543	526	486589	387
474774	444	476061	445	477052	855	480549	230	483141	771	486743	295
474814	444	476062	445	477053	855	480563	230	484004	517	486755	294
474824	444	476063	445	477057	451	480587	230	484016	517	486820	292
474826	444	476064	445	478520	854	480664	230	484028	517	486844	292
475028	441	476065	445	478758	27	480688	230	484042	517	486868	292
475031	441	476066	445	479027	27	480690	230	484066	517	486870	294
475034	441	476070	445	479217	226	480695	823	484129	356	486882	294
475040	441	476087	89	479229	226	480700	823	484131	356	486894	294
475041	441	476089	89	479231	226	480705	823	484143	356	486907	9
475042	441	476091	89	479243	226	480710	823	484155	356	486945	292
475043	441	476093	89	479279	226	480715	823	484167	356	486957	292
475070	441	476095	89	479320	226	480720	823	484179	356	487000	293
475071	441	476096	89	479368	226	480725	823	484410	139	487024	293

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487048	293	489953	424	491100	440	493041	436	496213	325	498471	490
487062	293	489965	424	491113	440	493053	436	496218	325	498479	490
487086	293	489977	424	491136	440	493065	436	496225	325	498480	490
487199	293	489989	424	491150	438	493091	436	496237	341	498481	490
487505	224	489991	424	491163	440	493104	436	496244	343	498483	490
487581	593	489995	424	491175	440	493142	436	496245	343	498490	490
488127	589	489999	424	491187	440	493154	436	496246	343	498495	490
488141	589	490007	416	491198	440	493182	348	496247	343	498496	490
488165	589	490019	416	491214	440	493185	348	496248	343	498500	490
488189	589	490021	424	491249	440	493700	438	496256	343	498501	490
488216	589	490033	424	491251	440	493724	438	496268	343	498508	490
488228	589	490036	416	491706	439	493748	438	496269	343	498510	490
488254	589	490042	416	491718	439	493976	438	496270	342	498520	490
488266	589	490045	424	491720	439	493988	438	496275	355	498522	490
488305	589	490057	424	491845	419	493992	438	496287	355	498526	490
488329	589	490069	424	491895	419	494006	438	496299	355	498529	490
488355	589	490071	416	492500	436	494030	438	496302	355	498534	490
488367	589	490083	424	492513	436	494056	438	496314	355	498538	490
488381	589	490095	424	492526	436	494067	438	496326	355	498546	490
488507	589	490108	424	492539	436	494079	438	496338	355	498562	490
488519	589	490111	424	492542	436	494081	438	496340	341	498570	490
488557	589	490147	424	492555	436	494120	420	496352	341	498571	490
488569	589	490148	424	492568	436	495158	435	496364	342	498572	490
488898	592	490149	424	492571	436	495160	435	496376	342	498584	490
489132	421	490150	424	492584	436	495172	435	496388	342	498588	490
489134	421	490151	424	492597	436	495184	435	496390	342	498590	490
489143	421	490152	424	492601	436	495196	435	496415	342	498591	490
489155	421	490153	424	492614	436	495209	435	496427	342	498593	490
489167	421	490154	424	492627	436	495212	435	496439	342	498595	490
489179	421	490155	424	492630	436	495451	434	496441	342	498596	490
489181	421	490158	416	492643	436	495463	434	496453	342	498602	490
489193	421	490285	416	492656	436	495475	434	496605	357	498609	490
489200	421	490297	416	492669	436	495487	434	496617	357	498611	490
489212	421	490300	416	492672	436	495499	434	496629	357	498615	490
489220	421	490312	416	492685	436	495502	434	496631	357	498622	490
489244	421	490324	416	492698	436	496095	342	496643	357	498623	490
489268	421	490350	417	492702	436	496101	342	496655	357	498635	490
489270	421	490401	417	492715	436	496112	342	496667	357	498641	490
489319	421	490413	418	492728	436	496124	342	496679	357	498652	490
489321	421	490425	416	492731	436	496135	342	496681	357	498659	490
489333	421	490499	416	492744	436	496141	342	496706	357	498661	490
489509	419	490526	418	492757	436	496148	343	496719	357	498669	490
489511	419	490538	418	492760	436	496150	343	496732	357	498673	490
489650	417	490588	417	492773	436	496157	342	496768	357	498700	490
489662	417	490590	417	492786	436	496161	342	498306	490	498709	490
489749	418	490665	440	492799	436	496162	342	498320	490	498712	490
489751	425	490678	440	492803	436	496174	342	498332	490	498724	490
489763	425	490688	440	492816	436	496176	342	498356	490	498736	490
489775	425	490716	440	492864	436	496186	355	498386	490	498740	490
489787	425	490729	440	492876	436	496187	355	498394	490	498748	490
489799	425	490751	440	492888	436	496188	355	498422	490	498762	490
489802	425	490766	440	492900	436	496189	355	498430	490	498777	490
489838	425	490817	440	492924	436	496190	355	498438	490	498801	490
489840	425	490828	440	492948	436	496191	355	498440	490	498813	490
489852	425	490855	440	492962	436	496192	355	498446	490	498825	490
489864	425	490919	440	492974	436	496193	355	498447	490	498837	490
489876	425	490932	440	492986	436	496194	355	498448	490	498849	490
489888	425	490983	440	492996	436	496195	354	498449	490	498850	490
489915	424	490994	440	493003	436	496197	355	498450	490	498855	490
489927	424	491011	440	493015	436	496199	355	498455	490	498859	490
489939	424	491036	440	493027	436	496201	355	498456	490	498860	490
489941	424	491047	440	493039	436	496202	341	498457	490	498863	490

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498865	490	501380	449	505290	586	508044	813	508715	812	509577	811
498866	490	501384	448	505303	586	508056	816	508727	812	509589	811
498875	490	501410	448	505308	586	508068	816	508739	812	509591	811
498879	490	501456	449	505327	586	508070	816	508741	812	509604	811
498887	490	501460	448	505339	586	508082	816	508765	812	509628	811
498902	490	501468	449	505341	586	508094	816	508777	812	509654	811
498924	490	501475	448	505350	586	508107	816	508789	812	509666	811
498947	490	501710	447	505355	586	508119	816	508828	812	509692	811
498964	490	501725	447	505358	586	508121	816	508854	812	509705	811
499005	490	501754	449	505360	586	508133	816	508866	812	509731	813
499029	490	501759	447	505362	586	508145	816	508878	813	509743	813
499043	490	501761	447	505400	586	508157	816	508880	813	509755	813
499050	490	501762	450	505457	586	508169	816	508905	812	509767	813
499066	490	501764	450	505606	586	508171	813	508929	812	509779	813
499079	490	502028	450	505620	586	508183	813	508931	812	509781	816
499081	490	502029	450	505632	586	508195	815	508943	812	509793	816
499144	485	502030	450	505644	586	508210	815	508967	812	509806	815
499474	138	502042	450	505656	586	508222	815	508993	812	509820	811
5-0010	138	502054	450	505668	586	508234	815	509008	812	509832	811
5-0015	138	502105	450	505670	586	508246	815	509010	812	509844	811
500970	643	502117	450	505694	586	508260	814	509022	812	509856	811
500971	899	502232	450	506090	586	508272	814	509034	812	509868	811
500972	671	502307	450	506103	586	508296	814	509046	812	509870	811
500973	671	502319	450	506115	586	508311	815	509058	812	509882	811
500974	671	502321	447	506139	586	508323	814	509072	812	509894	811
500975	672	502408	450	506141	586	508335	814	509084	812	509898	811
500976	669	502410	450	506216	586	508347	814	509096	812	509900	811
500977	672	502460	450	506230	586	508359	814	509109	812	509919	811
500978	864	502511	450	506242	586	508361	814	509123	812	509921	811
500979	864	502515	450	506254	586	508373	814	509147	812	509933	811
500980	864	502573	450	506266	586	508385	815	509159	812	509957	811
500981	864	502578	450	506305	586	508400	814	509161	812	509971	811
500982	864	502674	110	506329	586	508405	814	509185	812	509983	811
501000	670	502686	110	506331	586	508412	814	509212	812	509995	811
501004	671	502690	110	506333	586	508436	814	509224	812	510001	811
501005	671	502695	110	506335	585	508448	814	509250	812	510013	811
501006	865	502698	110	506338	585	508474	814	509274	812	510025	811
501007	865	502785	555	506339	585	508476	814	509286	812	510037	811
501009	672	505012	586	506340	585	508478	814	509298	812	510063	811
501036	449	505024	586	506341	585	508480	814	509301	812	510075	811
501037	449	505036	586	506342	585	508482	814	509337	812	510080	811
501041	449	505048	586	506343	585	508484	814	509349	812	510099	811
501043	449	505062	586	506344	585	508486	814	509351	812	510102	811
501054	449	505074	586	506345	585	508498	814	509363	812	510114	811
501066	449	505086	586	506347	586	508501	814	509375	812	510126	811
501078	449	505098	586	506348	586	508513	814	509387	812	510138	811
501088	448	505125	586	506349	586	508525	814	509399	812	510140	811
501103	448	505137	586	506350	585	508537	814	509402	812	510152	811
501116	449	505159	586	506351	585	508551	815	509414	812	510164	811
501121	449	505166	586	506353	586	508602	815	509426	812	510176	811
501128	449	505175	586	506354	585	508614	815	509438	812	510188	811
501139	448	505192	586	506358	585	508628	814	509440	812	510190	811
501141	448	505193	586	506360	585	508630	814	509452	812	510203	815
501261	447	505194	586	507117	966	508632	814	509464	812	510239	811
501266	448	505195	586	507129	966	508638	814	509476	812	510253	811
501282	448	505202	586	507131	966	508640	814	509488	812	510277	811
501283	448	505214	586	507143	966	508652	814	509490	812	510291	811
501287	448	505240	586	507941	810	508664	814	509503	812	510328	813
501289	448	505252	586	507953	810	508676	812	509515	812	510330	813
501290	448	505264	586	508018	813	508688	812	509527	812	510366	811
501291	448	505276	586	508020	813	508690	812	509553	812	510378	811
501355	449	505288	586	508032	813	508703	812	509565	812	510380	811

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510392	811	511229	199	517219	739	522882	560	5-2370	631	527190	975
510417	811	511231	199	517221	739	522886	560	5-2380	631	527196	975
510429	811	511243	199	517233	739	522888	560	523806	181	5-2720	631
510431	811	511249	199	517245	739	522889	560	5-2390	631	527208	206
510455	811	511253	199	517257	739	522890	560	5-2400	631	527211	206
510467	811	511258	200	518891	113	522892	560	5-2410	631	527223	206
510479	811	511259	200	518995	115	522894	560	5-2420	631	527234	206
510493	811	511275	124	518996	115	5-2290	631	5-2430	631	527247	206
510518	811	511988	611	518998	114	522905	559	524353	182	5-2730	631
510544	811	511990	611	519100	114	522906	559	524366	182	5-2740	631
510556	811	512002	611	519101	114	522917	557	5-2440	631	5-2750	631
510568	811	512004	611	519124	113	522929	557	5-2450	631	5-2760	631
510570	811	512006	610	519136	111	522931	559	5-2460	631	527690	177
510582	811	512008	610	519148	111	522943	559	524656	182	527703	177
510594	811	512010	610	519150	114	522950	557	524668	182	527715	177
510607	811	512012	610	519151	114	522951	556	524682	182	527727	177
510619	811	512014	610	519225	114	522954	556	5-2470	631	527739	177
510621	811	512015	610	519403	114	522955	558	524707	182	5-2780	631
510633	811	512016	615	519404	114	522967	558	524719	182	527828	175
510637	811	512018	615	519454	114	522993	559	524771	183	527830	175
510639	811	512020	612	519455	114	5-2300	631	5-2480	631	527842	175
510645	811	512030	456	519487	114	523008	559	524822	183	527854	175
510657	811	512040	610	519488	114	523010	556	5-2490	631	527880	175
510669	813	512042	610	5-2010	631	523022	197	5-2500	631	527892	175
510671	813	512144	842	5-2020	631	523035	197	5-2510	631	5-2790	631
510683	813	512168	842	5-2030	631	523038	197	525139	285	527905	175
510695	813	512233	328	5-2040	631	523040	197	5-2520	631	527917	201
510708	816	512245	328	5-2050	631	523046	196	5-2530	631	5-2800	631
510722	816	512257	328	5-2060	631	523058	196	5-2550	631	5-2810	631
510734	813	512269	328	5-2070	631	523096	195	5-2570	631	528100	950
510758	813	512271	328	5-2090	631	5-2310	631	5-2590	631	528135	949
510760	813	512283	328	5-2100	631	523109	195	525901	178	528138	949
510772	813	512295	328	5-2110	631	523187	195	525913	178	528145	950
510784	815	512308	328	5-2120	631	5-2320	631	525937	178	528146	950
510796	815	512322	329	5-2130	631	523213	196	525951	178	528147	949
510811	815	512358	329	5-2140	631	523274	234	525963	178	528161	949
510823	815	512384	328	5-2150	631	523290	234	525975	183	528162	949
510835	813	513982	94	5-2160	631	523295	563	525987	178	528163	949
510847	813	513994	94	5-2170	631	5-2330	631	525999	178	528173	949
510859	813	514009	94	5-2200	631	523310	234	5-2600	631	528185	949
510873	813	514011	94	5-2210	631	523316	196	5-2610	631	528200	950
510885	813	514023	94	5-2220	631	523324	83	526105	178	528220	950
510900	813	514035	94	5-2230	631	523342	197	5-2620	631	528221	950
510924	815	514047	94	5-2240	631	523349	196	5-2630	631	528225	950
510936	815	514059	94	5-2250	631	523351	180	5-2640	631	528226	950
510950	813	514061	94	5-2270	631	523363	180	5-2660	631	528250	218
510974	813	514063	94	522787	557	523375	180	526600	208	528262	218
510986	813	514065	94	522789	557	523387	180	526650	208	528274	218
510998	813	514067	94	522791	559	523399	180	526674	208	528286	218
511003	815	514069	94	522792	559	5-2340	631	526802	206	528289	182
511015	815	514073	94	522804	555	523402	180	526814	206	528292	182
511027	815	514096	156	522806	557	523414	180	526838	206	528298	218
511039	815	514098	156	522808	557	523426	180	526840	206	528387	218
511041	813	514099	156	522810	559	523438	180	526852	206	528399	218
511065	815	514103	155	522815	555	523440	180	526876	206	528402	218
511077	813	514104	155	522820	555	523452	180	526888	206	528414	218
511089	813	514107	155	522850	561	523464	180	526890	206	528503	218
511104	813	514110	778	522852	561	523476	180	5-2710	631	528515	218
511130	816	514122	131	522854	561	523488	180	527108	206	528527	218
511142	816	514126	131	522866	561	523490	180	527119	206	528539	218
511154	816	514127	131	522878	561	5-2350	631	527121	206	528806	220
511217	199	514128	131	522880	561	5-2360	631	527132	206	528807	182

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528818	182	531790	221	533554	389	534708	173	536776	169	539075	312
528820	182	531916	863	533578	102	534710	173	536777	295	539095	312
528832	182	531928	879	5-3360	630	534758	171	5-3680	630	539102	312
528874	17	531942	879	533617	896	534772	171	536838	160	539114	312
528875	14	531954	879	533618	882	534811	103	536889	191	539126	312
528876	14	531957	879	533643	872	5-3490	630	536891	191	539138	312
528878	20	531978	882	533679	553	5-3500	630	5-3690	630	539140	312
528879	20	531992	863	533681	872	535041	103	536992	308	539291	312
528880	17	5-3200	630	533693	389	5-3510	630	5-3700	630	539316	312
529000	175	532057	892	5-3370	630	535130	540	5-3710	630	539328	312
529012	175	532071	892	533782	874	535133	163	5-3720	630	539377	312
529024	175	532110	861	533813	191	535142	108	537247	554	539378	312
529036	175	5-3220	630	533819	188	5-3520	630	537261	554	539379	312
529404	221	532223	172	533845	540	535294	163	5-3730	630	539392	657
529428	221	532247	172	533858	881	5-3530	630	537300	192	539405	657
529430	221	5-3230	630	533871	102	535306	173	537360	295	539429	348
529442	221	5-3240	630	533895	165	535332	103	537386	122	539444	348
529466	183	5-3250	630	533946	102	5-3540	630	5-3740	630	539467	471
529529	221	5-3260	630	533960	553	535418	160	537425	553	539481	471
529620	175	5-3270	630	5-3400	630	535419	178	537437	553	539506	312
529644	221	5-3280	630	534037	881	535420	166	537451	552	539520	312
529668	221	532893	826	534051	881	535421	178	537463	552	539532	312
529707	182	5-3290	630	534063	881	535433	178	537467	552	539535	312
529860	183	532906	880	534087	889	5-3550	630	537475	218	539544	312
529872	183	532932	889	5-3410	630	5-3560	630	537487	554	539556	312
529909	183	532956	889	534102	889	535611	175	5-3760	630	539570	899
530003	201	532967	170	534126	885	535640	175	537603	896	539582	899
530015	206	532983	170	534138	885	535645	175	5-3770	630	539594	538
530027	206	532995	170	534176	885	535646	175	5-3780	630	539607	538
530053	206	5-3300	630	534188	885	535651	175	537805	352	539645	538
530077	206	533009	102	5-3420	630	535652	175	537879	175	539683	239
530089	206	533011	102	534203	645	535697	190	537881	175	540131	221
530091	206	533023	102	534227	657	535786	657	5-3790	630	540155	873
530104	206	533124	237	534230	190	5-3580	630	537918	187	540165	365
530116	206	533136	237	534239	869	535840	175	537932	175	540166	365
530128	206	533148	233	534277	869	5-3590	630	537994	893	540179	873
530142	206	533173	884	534289	869	535938	872	5-3800	630	540181	873
530154	206	533174	884	5-3430	630	535976	221	538009	893	540206	873
530178	206	533188	170	534330	645	5-3600	630	538059	352	540244	873
530229	208	5-3320	630	534378	160	536031	175	538061	352	540270	873
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530344	207	533227	884	5-3440	630	5-3610	630	5-3810	630	540294	873
530356	207	533237	884	534417	553	5-3620	630	538390	103	540307	873
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530433	206	533251	881	534455	859	536361	165	538441	863	540321	873
530445	352	533263	881	534467	540	536384	163	538453	863	540357	873
530458	206	533274	175	5-3450	630	536396	163	538530	862	540371	873
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530471	206	533299	862	534532	896	536409	171	538629	862	540408	873
530483	206	5-3330	630	534533	896	536411	171	538631	170	540422	873
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531550	883	533338	887	534619	169	536485	171	538883	863	540484	868
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531585	870	533345	861	534645	173	536500	171	538946	312	540559	201
531600	188	533364	880	534669	173	536512	163	538958	312	540624	874
531602	188	533390	160	534671	540	536601	888	538960	312	540725	868
531637	883	5-3340	630	534683	540	536613	888	538972	312	540737	868
531640	172	533427	882	534695	188	536675	169	538984	312	540826	191
531649	881	533439	896	5-3470	630	5-3670	630	538996	312	540837	880
531675	880	533453	871	534705	173	536714	194	539001	312	540838	880
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540989	538	543238	208	545042	765	548226	83	558610	19	563963	359
541020	538	543290	897	545054	764	548238	83	558612	20	564004	359
541044	882	543315	897	545066	764	548240	83	558722	24	564016	359
541056	628	543318	232	545078	764	553203	651	558730	24	564054	362
541068	352	543319	231	545080	764	553328	651	558746	24	564055	359
541082	901	543320	231	545092	764	553366	651	558758	24	564117	76
541157	871	543321	231	545105	769	553455	651	558772	24	564129	76
541171	871	543378	160	545117	770	553518	389	558774	24	564131	76
541195	900	543517	877	545129	764	554050	89	558835	25	564155	76
541323	305	543529	877	545131	769	554053	569	558847	25	564167	358
541335	305	543531	879	545143	765	554070	89	558851	18	564169	358
541347	305	543581	887	545155	765	554205	569	558854	18	564179	358
541359	305	543593	883	545167	765	554243	569	558859	25	564183	358
541372	389	543606	877	545179	761	554457	569	558861	25	564187	362
541513	906	543618	877	545193	736	554609	569	558873	25	564189	362
541530	218	543632	879	545206	735	554623	569	558878	25	564268	311
541626	191	543640	879	545218	735	554748	569	558885	26	564624	359
541638	218	543644	877	545220	735	554851	569	558900	26	565121	432
541640	218	543648	879	546929	891	554899	95	558913	18	565133	432
541727	310	543649	879	546931	877	554902	95	558974	21	565169	433
541739	218	543657	97	546943	881	554903	95	558986	21	565171	433
541740	218	543668	891	546955	881	554904	95	559029	16	565183	433
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541791	310	543746	887	547058	885	554988	87	559034	16	565261	433
541931	870	543769	169	547060	885	554989	87	559039	15	565308	433
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542010	651	543858	886	547109	885	555106	87	559065	22	569080	192
542046	305	543923	891	547161	887	555156	87	559077	22	569105	220
542058	305	543947	165	547197	884	555168	87	559154	17	569106	220
542060	305	543959	888	547262	881	555952	86	559155	13	569107	220
542072	305	543961	883	547286	881	555956	86	559156	13	569117	220
542084	305	543973	877	547298	881	555966	86	559157	13	569206	218
542111	889	543985	252	547301	881	555978	86	559158	13	569232	216
542123	891	543986	252	547313	881	555980	86	559159	22	569244	216
542135	891	543987	252	547325	881	556122	98	559160	22	569248	216
542161	896	543990	252	547337	881	556134	98	559161	22	569256	216
542185	882	543997	166	547349	881	556146	98	559162	25	569268	216
542197	882	544014	169	547363	881	556158	98	559164	16	569304	216
542301	891	544037	891	547387	881	556160	98	559178	23	569307	216
542325	886	544038	169	547399	881	556184	825	559186	16	570019	820
542438	874	544040	891	547402	881	556196	825	559191	16	570021	820
542476	166	544110	97	547426	881	556209	825	559205	17	570083	820
542480	166	544115	160	547452	895	556968	12	559217	17	570107	820
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542705	310	544470	189	547970	19	558417	18	562137	118	570196	822
542717	310	544482	160	547971	19	558419	18	563773	362	570209	822
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542779	553	544507	170	547973	19	558432	18	563848	359	570223	819
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570285	819	574055	77	578281	588	582494	318	587088	120	587909	614
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570324	819	574118	79	578367	570	582571	318	587110	614	587990	615
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570375	820	574257	80	581066	613	582759	323	587216	614	588559	121
570400	820	574308	78	581067	612	582785	318	587217	614	588561	121
570401	820	574322	79	581068	612	582797	321	587220	895	588562	121
570402	819	574346	80	581069	612	582800	321	587230	614	589018	709
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570405	819	574523	80	581719	354	582886	316	587319	614	589272	684
570406	819	574548	81	581733	369	583004	763	587329	614	589284	686
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570689	826	577901	1010	582216	319	586492	657	587708	595	596304	704
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573609	82	577936	1010	582329	319	586644	710	587759	595	596318	704
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573914	77	578166	584	582355	319	586670	710	587773	595	596328	703
573926	77	578181	584	582367	319	586682	710	587785	595	596481	694

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596504	694	597724	701	603815	270	607018	29	610332	565	616029	903
596505	696	597736	701	603832	270	607020	10	610335	565	616031	903
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596513	696	598435	457	603957	776	607049	3	610368	565	616081	903
596517	695	601004	669	603959	776	607050	3	610457	574	616093	903
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596519	695	601357	691	604214	776	607052	3	610483	574	616118	903
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596523	697	601371	690	604228	776	607059	1	610508	574	616132	903
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596594	695	601523	691	604264	776	607066	37	610532	576	616168	903
596621	695	601535	690	604276	776	607075	37	610534	573	616170	903
596657	697	601547	690	604288	776	607078	9	610536	573	616173	903
596683	698	601559	689	604315	769	607079	2	6-1258	817	616182	903
596710	695	601645	691	604320	771	607080	37	615003	904	616194	903
596758	697	601646	691	604324	769	607081	37	615015	904	616206	903
596759	698	601648	689	604327	770	607082	37	615027	904	616257	968
596762	692	601650	689	604501	469	607083	37	615039	904	616258	968
596764	692	601662	689	604503	469	607085	10	615041	904	616260	968
596784	699	601674	689	604821	561	607703	31	615053	904	616261	968
596796	699	601701	690	604822	561	607742	31	615065	904	616271	968
596811	696	601748	691	605000	485	607898	30	615077	904	616272	968
596823	696	601749	690	605001	485	607899	30	615089	904	616283	968
596825	692	601750	689	605014	310	607956	26	615091	904	616284	968
596827	692	601763	689	605050	105	607993	34	615128	904	616295	968
596829	692	601838	689	605111	105	6-0800	818	615130	904	616296	968
596831	693	601839	689	605139	104	608250	32	615142	904	616308	968
596833	693	601840	689	605177	104	608262	32	615154	904	616310	968
596835	693	601852	689	605202	104	608286	34	615166	904	616322	968
596837	693	602018	700	605331	104	608301	34	615421	902	616992	904
596839	693	602020	700	605343	104	608349	34	615433	902	617007	904
596900	683	602032	700	605608	104	608363	26	615445	902	617019	904
596902	683	602056	413	605610	105	608438	35	615457	902	617021	904
596904	684	602070	413	605646	105	608460	35	615469	902	617033	968
596906	683	602082	413	605658	104	608503	32	615471	902	617045	968
596908	684	602094	413	606232	35	608553	31	615484	902	617057	968
596910	683	602121	413	606244	35	608779	28	615495	902	617069	968
596912	685	6-0214	817	606333	32	608781	28	615508	902	617071	968
596914	685	6-0225	817	606351	32	608793	28	615525	902	617083	968
596916	685	602652	413	606353	26	608806	28	615535	902	617108	968
596918	685	602676	413	606509	27	608812	30	615561	902	617209	967
596920	679	602753	413	606555	27	609101	353	615572	902	617211	967
596922	680	602765	413	606561	27	609202	353	615597	902	617223	967
597407	699	602789	413	606573	27	610114	572	615608	968	617235	967
597421	699	602791	413	606624	28	610115	572	615611	902	617300	904
597457	699	603009	472	606648	29	610128	572	615612	968	617312	904
597471	699	603012	472	606665	28	610145	573	615613	968	617324	904
597472	699	603077	472	606666	28	610148	573	615621	968	617336	904
597560	702	603081	472	606677	28	610166	572	615623	968	617348	904
597561	702	603743	192	606701	28	610205	565	615624	968	617350	904
597563	702	603755	192	606713	28	610229	565	615630	968	617362	904
597565	702	603767	192	606737	26	610243	565	615631	968	617374	904
597572	702	603779	192	606775	29	610255	565	615632	968	617502	968

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617603	967	625559	730	630550	130	639856	669	640882	462	641692	867
617627	967	625612	728	630555	130	639940	233	640892	461	641729	867
617641	99	625650	727	630562	130	639990	266	640905	387	641731	863
617665	967	625662	727	630574	130	640018	266	640943	419	641743	863
617694	967	625674	727	630586	130	640020	266	640945	595	641745	862
617705	653	625680	725	630598	130	640036	266	640950	388	641746	862
617708	653	625681	729	630600	130	640044	266	640961	388	641767	387
617712	653	625686	729	630613	130	640056	266	640970	388	641781	387
617716	653	625687	729	630625	130	640062	266	640975	230	641793	387
617719	653	625688	729	630637	130	640064	663	641060	889	641806	388
617723	653	625689	723	630648	130	640068	457	641084	879	641818	388
617725	653	625690	723	630649	130	640069	457	641085	878	641819	434
617729	653	625691	723	630651	132	640070	457	641109	452	641832	296
617734	653	625692	723	630652	132	640075	452	641111	54	641860	296
617739	653	625953	733	630663	131	640082	457	641123	595	641862	296
618504	967	626044	733	630665	128	640088	375	641246	469	641868	296
618542	967	626056	733	630675	131	640108	374	641262	471	641869	375
618554	967	626119	732	630687	131	640133	455	641274	471	641870	453
618580	967	626169	732	630699	131	640156	455	641301	349	641882	453
620105	653	626171	732	630703	131	640210	455	641313	373	641894	453
620117	653	626183	732	630992	75	640222	460	641324	469	641906	387
620129	653	626210	732	633289	401	640223	587	641329	373	641907	387
620131	653	626222	732	633304	386	640246	455	641341	404	641909	387
622263	906	626234	732	633306	386	640253	525	641353	469	641912	387
622274	906	626513	629	633307	386	640257	452	641360	349	641914	387
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623581	463	626549	736	634003	386	640310	415	641387	375	642024	376
623592	460	627161	769	634027	386	640322	415	641388	375	642062	376
623618	463	627173	769	634053	386	640335	415	641389	293	642100	455
623620	463	628151	726	638607	567	640361	415	641390	375	642112	455
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623637	664	628303	716	638710	567	640602	463	641399	375	642264	670
623638	664	628353	718	638746	568	640612	562	641404	373	642276	670
623639	664	628365	715	638797	567	6-4065	775	641414	376	642277	883
623643	664	628377	721	638835	568	640652	461	641426	376	642278	673
623644	664	628379	721	638861	568	640653	461	641427	376	642279	875
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625383	723	630504	138	639801	91	640843	462	641589	374	642368	889
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625408	737	630518	129	639806	878	640846	461	641642	375	642374	891
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645854	975	648634	434	649124	437	656352	93	658837	665	666961	363
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7-0079	164	701486	647	7-0232	296	7-0331	635	7-0440	344	7-0522	253
7-0080	161	701498	647	7-0240	108	7-0333	635	7-0441	349	7-0523	253
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728266	927	729650	927	730716	926	7-3200	227	733190	789	734423	795
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7-6301	646	766127	941	766785	944	767410	943	7-6908	531	770354	494
7-6303	646	766139	941	766800	944	767422	943	7-6909	531	770366	494
7-6304	646	766141	941	766812	944	767434	943	7-6910	532	770378	494
7-6305	646	766153	941	766824	944	767446	944	769105	301	770380	494
7-6306	646	766165	941	766836	942	767458	944	769107	301	770392	494
7-6310	646	766177	941	766848	942	767460	944	769109	301	770405	494
7-6311	646	766189	941	766850	942	767511	943	7-6911	532	770417	494
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7-8128	633	788031	11	799166	392	800323	404	801286	401	802911	407
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7-8158	633	7-8930	627	799305	394	800535	404	801464	401	804396	403
7-8160	633	7-8932	627	799306	394	800549	404	801490	401	804398	403
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8-0586	708	808658	528	816643	61	8-1968	708	822379	626	834989	379
8-0598	708	808672	528	816655	61	8-1970	708	822381	626	834990	379
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808571	528	816247	63	819050	62	822266	626	834956	380	836127	381
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836200	378	838461	382	852788	830	853265	831	854807	833	855520	840
836201	378	838473	382	852790	830	853300	832	854821	834	855525	840
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836205	378	838562	381	852839	830	853350	837	854869	833	855633	131
836206	378	838574	381	852841	830	853374	837	854883	833	855657	841
836207	378	838586	381	852891	832	853386	837	854958	833	855669	843
836208	378	838598	381	852905	832	853615	835	854959	833	855770	843
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836555	383	838625	413	852928	830	853639	833	854998	838	855859	843
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836592	383	838649	413	852979	829	853653	833	855001	838	855897	843
836621	383	838687	414	852980	830	853665	833	855037	838	855899	843
836666	383	839007	418	852992	830	853677	828	855051	838	855900	843
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836809	383	839502	455	853019	832	853680	828	855099	838	855948	842
836811	383	839540	455	853021	832	853805	828	855102	838	856003	762
836847	383	851015	158	853057	832	854085	827	855105	834	856027	762
836859	383	851041	158	853071	832	854095	828	855106	834	856041	762
837457	382	851053	158	853079	832	854097	828	855117	840	856053	762
837469	382	851091	216	853080	834	854112	837	855118	840	856091	762
837471	382	851279	158	853081	834	854124	837	855126	840	856104	762
837483	382	851293	158	853083	833	854148	837	855138	840	856116	762
837495	382	851940	139	853085	833	854150	837	855140	839	856130	762
837501	382	851952	139	853095	833	854162	837	855164	840	856135	762
837510	382	851964	139	853108	833	854174	837	855177	839	856136	762
837522	382	851976	139	853110	834	854180	836	855178	839	856140	762
837534	382	851988	139	853111	834	854186	836	855179	839	856142	762
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837560	382	852461	739	853166	827	854200	836	855182	839	856153	762
837572	382	852462	739	853168	827	854201	836	855184	839	856154	762
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837596	382	852500	752	853172	828	854204	836	855188	839	856318	763
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838093	380	852550	752	853178	827	854237	837	855203	839	856370	763
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838132	380	852563	835	853196	831	854299	847	855277	839	856525	844
838144	380	852564	835	853200	831	854300	846	855278	839	856527	844
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838207	380	852572	835	853209	831	854516	836	855330	841	856537	845
838221	380	852573	835	853210	831	854528	836	855378	841	856538	761
838245	380	852574	835	853211	832	854530	836	855380	841	856539	761
838269	380	852592	831	853215	832	854542	836	855405	841	856540	761
838283	380	852624	827	853239	830	854554	836	855406	841	856542	845
838307	380	852634	831	853240	830	854578	836	855410	852	856545	848
838347	380	852635	831	853242	830	854732	837	855417	840	856550	848
838409	380	852636	831	853245	830	854744	835	855443	841	856558	849
838411	382	852637	831	853246	830	854756	835	855481	840	856560	848
838423	382	852702	831	853247	830	854776	834	855493	840	856572	848
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856623	846	857159	730	860406	503	866383	502	867323	502	870560	499
856625	846	857168	717	860418	503	866395	502	867329	502	870572	499
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856641	848	857175	719	860470	503	866422	502	867347	502	870623	499
856645	849	857176	720	860482	503	866446	502	867359	502	870635	499
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856651	849	857194	717	862032	500	866484	502	867373	502	870851	499
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857118	741	860292	503	866270	501	867222	505	870394	498	877158	504
857120	741	860305	503	866282	505	867246	505	870407	498	877805	505
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878802	499	886107	828	887027	827	899070	474	999164	648
878803	500	886119	828	887028	827	900083	481	999167	489
878804	502	886121	828	887031	827	901466	480	999168	489
878807	513	886133	828	887033	827	916556	480	999170	489
878819	514	886145	828	887035	827	9-18400	487	999171	489
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878857	514	886183	829	887045	828	920288	481	999175	489
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878895	513	886272	829	887052	828	9-37504	481	M81010	474
878908	513	886284	829	887053	828	938007	480	M82012	474
878910	513	886309	829	887060	828	938057	480	M82151	474
879051	513	886311	835	887062	828	938095	480	M82199	474
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879102	513	886361	829	890000	482	954998	477	MP1303	473
879114	514	886373	829	890017	482	955003	480	MP1404	474
879126	514	886385	829	890029	482	955053	480	MP1802	474
879138	514	886388	829	890156	482	955065	480	MP1808	474
879140	513	886397	829	890168	482	955178	480	MP1810	474
879152	513	886398	829	890170	482	956067	476	MP1814	474
879164	513	886474	833	890221	482	956106	480	MP1818	474
879176	513	886486	834	890245	482	957057	476	MP1822	474
879188	513	886498	834	890308	482	957069	480	MP1947	474
879190	513	886501	834	890310	482	957108	476	MP2420	474
879861	514	886513	834	890322	482	9-57804	549	MP2886	474
879874	514	886537	834	890372	482	9-57808	549	MP3300	473
879885	514	886549	834	890384	482	9-57809	549	MP3430	474
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879936	514	886614	834	890574	482	980955	854	MP3585	473
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879950	514	886638	834	890626	482	990015	470	MP3595	473
879962	514	886640	834	890687	482	990017	470	P12900	489
879974	514	886652	232	890699	482	990019	470	P73000	489
879986	514	886676	898	890803	482	990021	470	P86300	489
880179	503	886688	898	890815	482	990022	470		
880193	503	886690	898	890827	482	990033	470		
880218	503	886703	898	890877	482	990057	470		
880220	503	886715	898	890928	482	990060	470		
880232	503	886753	835	890930	482	990069	470		
880244	503	886760	820	891057	482	990083	470		
880408	510	886765	820	891071	482	995001	195		
880410	510	886767	820	891095	482	995002	195		
880422	510	886769	820	891122	482	999001	476		
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