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HOT ROLLED SHEETS

and

HOT ROLLED PICKLED & OILED SHEETS

ASTM A 1011

(Formerly ASTM A 569 and A 570)

Hot Rolled Commercial Quality Sheets are produced from low carbon rimming, capped, or semi-killed steel, and are intended for uses involving simple bending or moderate drawing and welding. They may be bent flat on themselves in any direction at room temperature without cracking on the outside of the bent portion.

The Pickled and Oiled Sheets should be used when the tight oxide scale present on Hot Rolled Sheets is objectionable.

ANALYSIS

C	Mn	P	S	Cu	Ni	Cr	Mo	V	Cb
0.25	0.90	0.035	0.040	.20	.20	0.15	0.06	0.008	0.008

APPLICATIONS — Hot Rolled Commercial Quality Sheets are used for a variety of applications from agricultural implements to automotive quipment, from blower and ventilating systems to hot air registers, from stub barrelss and drums to bins and partitions. Pickled and Oiled Sheets with their superior smooth surface are recommended for stamping and ordinary drawing applications. After cleaning, they can be painted or enameled.

Hot Rolled Sheets may be used for structural applications.

MECHANICAL PROPERTIES — The following minimum properties apply to ASTM A570, grades 30 and 33:

	Tensile Strength (psi)	Yield Strength (psi)	Elongation in 2"		
			.0255" to .0635"	.0636" to .0971"	.0972" to .2299"
Grade 30	49,000	30,000	21.0%	24.0%	25.0%
Grade 33	52,000	33,000	18.0%	22.0%	25.0%



HOT ROLLED SHEETS and PICKLED & OILED SHEETS

Gauge	Width and Length	Est. Wt. Lbs. Per Sheet	Gauge	Width and Length	Est. Wt. Lbs. Per Sheet	Gauge	Width and Length	Est. Wt. Lbs. Per Sheet
18 Ga.-(.0478")			14 Ga.-(.Cont.)			11 Ga.-(.Cont.)		
2.0 Lb. Sq. Ft.			48 x240 250.00			48 x120 200.00		
24 x 96 32.00			54 x 96 112.50			144 240.00		
120 40.00			120 140.63			240 400.00		
30 x 96 40.00			60 x 96 125.00			60 x 96 200.00		
120 50.00			120 156.25			120 250.00		
144 60.00			144 187.50			144 300.00		
36 x 96 48.00			240 312.50			240 500.00		
120 60.00			72 x120 187.50			72 x 96 240.00		
144 72.00			144 225.00			120 300.00		
42 x 96 56.00			240 375.00			144 360.00		
120 70.00			13 Ga.-(.0897")			240 600.00		
48 x 96 64.00			3.75 Lb. Sq. Ft.			10 Ga.-(.1345")		
120 80.00			36 x 96 90.00			5.625 Lb. Sq. Ft.		
144 96.00			120 112.50			24 x 96 90.00		
16 Ga.-(.0598")			48 x 96 120.00			120 112.50		
2.5 Lb. Sq. Ft.			120 150.00			144 135.00		
24 x 96 40.00			12 Ga.-(.1046")			30 x 96 112.50		
108 45.00			4.375 Lb. Sq. Ft.			120 140.63		
120 50.00			24 x 96 70.00			144 168.75		
132 55.00			120 87.50			36 x 96 135.00		
144 60.00			144 105.00			120 168.75		
30 x 96 50.00			30 x 96 87.50			144 202.50		
120 62.50			120 109.38			240 337.50		
144 75.00			144 131.25			42 x 96 157.50		
36 x 96 60.00			36 x 96 105.00			120 196.88		
120 75.00			120 131.25			144 236.25		
144 90.00			144 157.50			48 x 96 180.00		
42 x 96 70.00			42 x 96 122.50			120 225.00		
120 87.50			120 153.13			144 270.00		
144 105.00			48 x 96 140.00			240 450.00		
48 x 96 80.00			120 175.00			60 x 96 225.00		
120 100.00			144 210.00			120 281.25		
144 120.00			240 350.00			144 337.50		
240 200.00			54 x 96 157.50			240 562.50		
54 x120 112.50			120 196.88			72 x 96 270.00		
60 x 96 100.00			60 x 96 175.00			120 337.50		
120 125.00			120 218.75			144 405.00		
144 150.00			144 262.50			240 675.00		
14 Ga.-(.0747")			192 350.00			7 Ga.-(.1793")		
3.125 Lb. Sq. Ft.			240 437.50			7.5 Lb. Sq. Ft.		
24 x 96 50.00			72 x 96 210.00			24 x 96 120.00		
120 62.50			120 262.50			120 150.00		
144 75.00			144 315.00			144 180.00		
30 x 96 62.50			192 420.00			36 x 96 180.00		
120 78.13			240 525.00			120 225.00		
144 93.75			84 x120 306.25			144 270.00		
36 x 96 75.00			144 367.50			48 x 96 240.00		
120 93.75			11 Ga.-(.1196")			120 300.00		
144 112.50			5.0 Lb. Sq. Ft.			144 360.00		
42 x 96 87.50			24 x 96 80.00			240 600.00		
120 109.38			120 100.00			60 x 96 300.00		
144 131.25			144 120.00			120 375.00		
48 x 96 100.00			36 x 96 120.00			144 450.00		
120 125.00			120 150.00			240 750.00		
144 150.00			144 180.00			72 x120 450.00		
			48 x 96 160.00			144 540.00		
						240 900.00		

COLD ROLLED SHEETS

ASTM A 1008

(Formerly ASTM A 366 – Commercial Quality)

(Formerly ASTM A 620 – Drawing Quality)

Cold Rolled Commercial Quality Sheets are produced from rimming, capped, or semi-killed steel and are intended for exposed or unexposed parts involving bending, moderate drawing or forming and welding. They may be bent flat on themselves in any direction without cracking.

Cold Rolled Drawing Quality Sheets are produced from special killed steels, and are intended for parts involving severe forming or drawing. Sheets of this quality have a greater degree of ductility and are more consistent in performance because of higher standards in production, selection, and processing of the steel. The surface finish is a dull matte texture.

ANALYSIS

	Carbon	Manganese	Phosphorus	Sulphur
Commercial Quality	.15 Max.	.60 Max.	.035 Max.	.040 Max.
Drawing Quality	.10 Max.	.50 Max.	.025 Max.	.035 Max.

APPLICATIONS — Practical experience is usually sufficient to determine whether Commercial Quality of Drawing Quality is required for a given part. Where experience is not adequate, the Scribed Square Test (ASTM A 568) can prove helpful. A grid of one inch squares is marked on the section representing the most severe draw. The squares are measured for percent increase in area after drawing. Experience has shown that Commercial Quality is usually satisfactory if the increase in area is less than 25%. If more than 25%, Drawing Quality is recommended.



COLD ROLLED SHEETS

Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet
28 Ga. —(.0149")		20 Ga. —(.0359")		16 Ga. —(.0598")		13 Ga. —(.0897")	
.625 Lb. Sq. Ft.		1.5 Lb. Sq. Ft.		2.5 Lb. Sq. Ft.		3.75 Lb. Sq. Ft.	
36 x 96	15.00	30 x 96	30.00	30 x 96	50.00	36 x 96	90.00
120	18.75	120	37.50	36 x 96	60.00	120	112.50
		36 x 96	36.00	120	75.00	48 x 96	120.00
26 Ga. —(.0179")		120	45.00	144	90.00	120	150.00
.75 Lb. Sq. Ft.		144	54.00	42 x 120	87.50	60 x 96	150.00
36 x 96	18.00	156	58.50	144	105.00		
120	22.50	42 x 120	52.50	48 x 96	80.00	12 Ga. —(.1046")	
42 x 96	21.00	144	63.00	120	100.00	4.375 Lb. Sq. Ft.	
120	26.25	48 x 96	48.00	144	120.00	36 x 96	105.00
48 x 96	24.00	120	60.00	60 x 96	100.00	120	131.25
120	30.00	144	72.00	120	125.00	48 x 96	140.00
52 x 120	32.50	60 x 120	75.00	144	150.00	120	175.00
		144	90.00	72 x 144	180.00	144	210.00
24 Ga. —(.0239")						60 x 120	218.75
1.0 Lb. Sq. Ft.						144	262.50
36 x 96	24.00					72 x 120	262.50
120	30.00	18 Ga. —(.0478")		14 Ga. —(.0747")		144	315.00
48 x 96	32.00	2.0 Lb. Sq. Ft.		3.125 Lb. Sq. Ft.		11 Ga. —(.1196")	
120	40.00	36 x 96	48.00	30 x 120	78.13	5.0 Lb. Sq. Ft.	
		120	60.00	36 x 96	75.00	36 x 96	120.00
22 Ga. —(.0299")		42 x 120	70.00	120	93.75	120	150.00
1.25 Lb. Sq. Ft.		144	72.00	42 x 120	109.38	48 x 96	160.00
30 x 120	31.25	42 x 120	70.00	48 x 96	100.00	120	200.00
36 x 96	30.00	144	84.00	120	125.00	144	240.00
120	37.50	48 x 96	64.00	144	150.00	60 x 120	250.00
48 x 96	40.00	120	80.00	192	200.00	144	300.00
120	50.00	144	96.00	54 x 120	140.63	72 x 120	300.00
144	60.00	60 x 120	100.00	60 x 120	156.25		
		144	120.00	144	187.50	10 Ga. —(.1345")	
				72 x 120	187.50	5.625 Lb. Sq. Ft.	
				144	225.00	36 x 120	168.75
						48 x 96	180.00
						120	225.00

FLAT GALVANIZED SHEETS

ASTM A 653

(Formerly ASTM Specifications: A 526, A 527)

These sheets are produced from rimming, capped, or semi-killed steel, and are intended for uses involving simple bending or moderate forming. They may be bent flat on themselves in any direction at room temperature without cracking. The zinc coating will withstand bending without flaking when tested in accordance with ASTM A 525. The coating is applied by the continuous hot-dip process, producing a tight coat of prime spelter of the 1.25 oz. per square foot coating class.

Sheets meet the Commercial Quality requirements of ASTM A 526. Gauges 16 and lighter are available as Lock Forming Quality, conforming to ASTM A 527.

ANALYSIS

Carbon .15 Max.	Manganese .60 Max.	Phosphorus .035 Max.	Sulphur .04 Max.
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APPLICATIONS — These sheets are for general utility uses such as corrugated siding and roofing, culverts, window frames, heating and ventilating ducting, cornices, eave troughs, etc. Galvanized sheets are sometimes painted, but when a superior paint retaining surface is desired, we recommend the use of Electrolytic Zinc Coated Sheets, for which see Page 6 of this section.



FLAT GALVANIZED SHEETS

Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet	Width Ga. and Length	Est. Wt. Lbs. Per Sheet
30 Ga.—(.016") .656 Lb. Sq. Ft.		24 Ga.—(.028") 1.156 Lb. Sq. Ft.		18 Ga.—(.052") 2.156 Lb. Sq. Ft.		14 Ga.—(.079") 3.281 Lb. Sq. Ft.	
30 x 96	13.12	24 x 96	18.50	30 x 96	43.12	36 x 96	78.75
120	16.41	30 x 96	23.12	120	53.91	120	98.44
36 x 96	15.75	120	28.91	144	64.69	144	118.12
120	19.69	36 x 96	27.75	36 x 96	51.75	48 x 96	104.99
		120	34.68	120	64.69	120	131.24
		48 x 96	36.99	144	77.62	144	157.49
		120	46.24	48 x 96	68.99	60 x 120	164.05
		144	55.49	120	86.24	144	196.86
28 Ga.—(.019") .781 Lb. Sq. Ft.		22 Ga.—(.034") 1.406 Lb. Sq. Ft.		144	103.48	12 Ga.—(.108") 4.531 Lb. Sq. Ft.	
24 x 96	12.50	30 x 96	28.12	60 x 120	107.80	36 x 96	108.75
30 x 96	15.62	120	35.16	144	129.36	120	135.94
120	19.53	36 x 96	33.75			48 x 96	144.99
36 x 96	18.75	120	42.19			120	181.24
120	23.40	144	50.62			144	217.49
144	28.12	48 x 96	44.99			60 x 120	226.55
48 x 120	31.24	120	56.24				
		144	67.49				
26 Ga.—(.022") .906 Lb. Sq. Ft.		20 Ga.—(.040") 1.656 Lb. Sq. Ft.		16 Ga.—(.064") 2.656 Lb. Sq. Ft.		11 Ga.—(.123") 5.156 Lb. Sq. Ft.	
24 x 96	14.50	30 x 96	33.12	30 x 96	53.12	48 x 96	164.99
30 x 96	18.12	120	41.41	120	66.41	120	206.24
120	22.66	144	49.68	144	79.69	144	247.49
144	27.19	36 x 96	39.75	36 x 96	63.75		
36 x 96	21.75	120	49.68	120	79.69		
120	27.19	144	59.62	144	95.63		
144	32.63	48 x 96	52.99	48 x 96	84.99		
48 x 96	29.00	120	66.24	120	106.24		
120	36.24	144	79.48	144	127.49		
144	43.49	60 x 120	82.80	60 x 120	132.80		
				144	159.36		
						10 Ga.—(.138") 5.781 Lb. Sq. Ft.	
						36 x 96	138.74
						120	173.40
						48 x 96	185.00
						120	231.24
						144	277.50
						60 x 144	346.86

ELECTROLYTIC ZINC COATED SHEETS

Electrolytic Zinc Coated Sheets have been developed to fulfill the need for a perfect paint bonding surface that has not been entirely satisfied by galvanized sheets produced by the hot-dip process. The zinc coating is applied by an electro-plating process that leaves a thin, uniform layer of zinc, followed by a phosphate coat bonderizing treatment.

Electrolytic Zinc Coated Sheets offer good protection against corrosion, and the specially treated surface provides excellent paint adherence without the need for costly cleaning and preparing operations. In addition, they are easily formed by such processes as spinning, deep drawing, and roll forming without danger of peeling or flaking of the zinc coating.

APPLICATIONS — These sheets are recommended for applications that require painting, enameling, or lacquering, such as vending machines, office furniture, appliances, cabinets, truck and trailer bodies, shower cabinets, etc.



ELECTROLYTIC ZINC COATED SHEETS

Gauge	Width and Length	Estimated Wt. Lbs. Per Sheet	Gauge	Width and Length	Estimated Wt. Lbs. Per Sheet
26 Ga.—(.0179")			20 Ga.—(.0359")		
0.75 Lb. Sq. Ft.			1.50 Lb. Sq. Ft.		
	48 x 96	24.00		36 x 96	36.00
	120	30.00		120	45.00
				144	54.00
24 Ga.—(.0239")				48 x 96	48.00
1.0 Lb. Sq. Ft.				120	60.00
	30 x 120	25.00		144	72.00
	144	30.00			
	36 x 120	30.00	18 Ga.—(.0478")		
	48 x 96	32.00	2.0 Lb. Sq. Ft.		
	120	40.00		36 x 120	60.00
	144	48.00		48 x 96	64.00
22 Ga.—(.0299")				120	80.00
1.25 Lb. Sq. Ft.				144	96.00
	36 x 96	30.00		60 x 120	100.00
	120	37.50			
	144	45.00	16 Ga.—(.0598")		
	48 x 96	40.00	2.5 Lb. Sq. Ft.		
	120	50.00		36 x 120	75.00
	144	60.00		48 x 120	100.00
				60 x 120	125.00

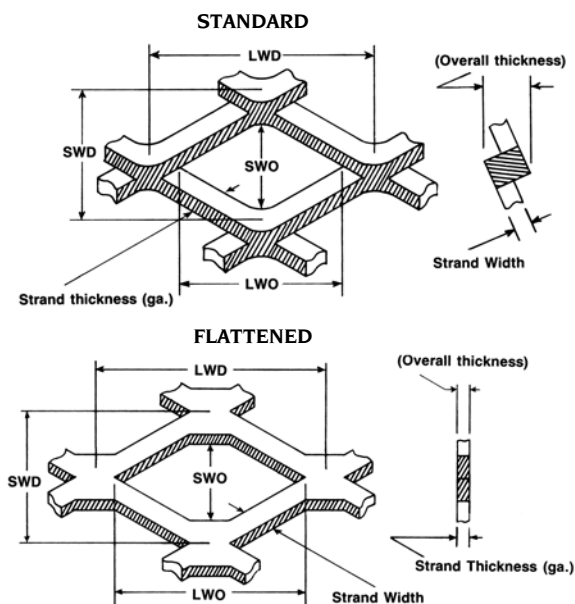
EXPANDED METAL

Expanded Metal is sheet metal that has been slit and expanded up to ten times its original width. The formation of the diamond-shaped pattern adds to the strength and rigidity of the sheet.

Expanded Metal is available in the "standard" pattern, where the strands and bonds are set at a sharp angle to the plane of the sheet. It is also available in the "flattened" pattern, where the material has been cold-rolled to bring the strands and bonds into the same plane. Flattened Expanded Metal is especially suited to welding because of its flat surface.

Expanded Metal offers the advantages of savings in weight and metal, free passage of light and air, and a decorative or ornamental effect. Structural applications include door panels, open partitions, window guards, enclosures, etc. Decorative applications include grilles, screens, panels, backgrounds, etc.

The width of the sheet is measured in the direction of the short dimension of the diamond. The length of the sheet is measured in the direction of the long dimension of the diamond. For additional information on applications, properties, and fabricating procedures, ask for our special pamphlet on Expanded Metal.



LEGEND

- SWD** – "Short way of diamond."
- LWD** – "Long way of diamond."
- SWO** – "Short way of opening."
- LWO** – "Long way of opening."

Strand Thickness – Equal to the thickness of the sheet of metal used.

Strand Width – Amount of metal of a given thickness in one strand.

Expanded Metal sheets are also available in STAINLESS STEEL, ALUMINUM, and other metals. Information on request.

STANDARD EXPANDED METAL

*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs. Per Sq. Ft. Per Sheet		*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs. Per Sq. Ft. Per Sheet	
1/4" - #20	48 x 96	.036	.86	27.52	1" - #1648 x 96		.060	.44	14.08
1/4" - #18	48 x 96	.048	1.14	36.48	1 1/2" - #1848 x 96		.048	.20	6.04
1/2" - #20	36 x 96	.036	.43	10.32	1 1/2" - #1648 x 96		.060	.40	12.80
	48 x 96	"	"	13.76	1 1/2" - #1348 x 96		.092	.60	19.20
1/2" - #18	48 x 96	.048	.70	22.40		120	"	"	24.00
	120	"	"	28.00		72 x 96	"	"	28.80
	72 x 96	"	"	33.60		120	"	"	36.00
	120	"	"	42.00		96 x 120	"	"	48.00
1/2" - #16	48 x 96	.060	.86	27.52	1 1/2" - #1048 x 96		.092	.79	25.28
	120	"	"	34.40		120	"	"	31.60
	72 x 96	"	"	41.28		60 x 120	"	"	39.50
	120	"	"	51.60		72 x 96	"	"	37.92
1/2" - #13	48 x 96	.092	1.47	47.04		120	"	"	47.40
	120	"	"	58.80		144	"	"	56.68
	72 x 96	"	"	70.56	1 1/2" - #936 x 96		.134	1.20	38.80
3/4" - #16	48 x 96	.060	.54	17.28		48 x 96	"	"	38.40
	120	"	"	21.60		120	"	"	48.00
	60 x 120	"	"	27.00		144	"	"	57.60
	72 x 96	"	"	25.92		60 x 120	"	"	60.00
	120	"	"	32.40		72 x 96	"	"	57.60
	144	"	"	38.88		120	"	"	72.00
3/4" - #13	48 x 96	.092	.80	25.60		144	"	"	86.40
	120	"	"	32.00	1 1/2" - #636 x 144		.198	2.50	90.00
	72 x 96	"	"	38.40		48 x 96	"	"	80.00
	120	"	"	48.00		72 x 144	"	"	180.00
	96 x 120	"	"	64.00					
3/4" - #10	48 x 96	.092	1.20	38.40	2" - #1036 x 96		.092	.68	16.32
	120	"	"	48.00		120	"	"	20.40
	72 x 96	"	"	57.60		72 x 96	"	"	32.64
	120	"	"	72.00		120	"	"	40.80
3/4" - #9	36 x 96	.134	1.80	43.20		144	"	"	48.96
	120	"	"	54.00	2" - #936 x 96		.134	.90	21.60
	48 x 96	"	"	57.60		120	"	"	27.00
	120	"	"	72.00		144	"	"	32.40
	144	"	"	86.40		48 x 96	"	"	28.80
	60 x 96	"	"	72.00		120	"	"	36.00
	120	"	"	90.00		144	"	"	43.20
	72 x 96	"	"	86.40		72 x 96	"	"	43.20
	120	"	"	108.00		120	"	"	54.00
	144	"	"	129.60		144	"	"	64.80

*Style Designation - The first figure indicates the approximate width, the short way of the diamond, measuring from center to center of the bonds. Second figure indicates the approximate gauge of the sheet before expanding.

FLATTENED EXPANDED METAL

*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs. Per Sq. Ft. Per Sheet		*Style Designation	Width & Length (Inches)	Thick. of Strand (Inches)	Est. Wt., Lbs. Per Sq. Ft. Per Sheet	
1/4" – #20	36 x 96	.030	.83	19.92	3/4" – #13	36 x 96	.070	.75	18.00
	48 x 96	"	"	26.56		120	"	"	22.50
1/4" – #18	48 x 96	.040	1.11	35.52		144	"	"	27.00
1/2" – #20	36 x 96	.029	.40	9.06	48 x 96	48 x 96	"	"	24.00
	48 x 96	"	"	12.80		120	"	"	30.00
1/2" – #18	36 x 96	.039	.66	15.84		144	"	"	36.00
	120	"	"	19.80	3/4" – #9	36 x 96	.120	1.71	41.04
	48 x 96	"	"	21.12		120	"	"	51.30
	120	"	"	26.40		144	"	"	61.56
1/2" – #16	36 x 96	.050	.82	19.68		48 x 96	"	"	54.72
	120	"	"	24.60		120	"	"	68.40
	144	"	"	29.52		144	"	"	82.08
	48 x 96	"	"	26.24	60 x 96	60 x 96	"	"	68.40
	120	"	"	32.80	1" – #16	36 x 96	.050	.41	9.84
	144	"	"	39.36		48 x 96	"	"	13.12
1/2" – #13	36 x 96	.070	1.40	33.60	1 1/2" – #16	36 x 96	.048	.38	9.12
	120	"	"	42.00		120	"	"	11.40
	144	"	"	50.40		144	"	"	13.68
	48 x 96	"	"	44.80	48 x 96	48 x 96	"	"	12.16
	120	"	"	56.00		120	"	"	15.20
	144	"	"	67.20		144	"	"	18.24
3/4" – #16	36 x 96	.048	.51	12.24	1 1/2" – #14	36 x 96	.060	.46	11.04
	120	"	"	15.30		48 x 96	"	"	14.72
	144	"	"	18.36	1 1/2" – #13	36 x 96	.070	.57	13.68
	48 x 96	"	"	16.32		120	"	"	17.10
	120	"	"	20.40		144	"	"	20.52
	144	"	"	24.48	48 x 96	48 x 96	"	"	18.24
3/4" – #14	36 x 96	.061	.63	15.12		120	"	"	22.80
	48 x 96	"	"	20.16		144	"	"	27.36
						60 x 120	"	"	28.50
						72 x 120	"	"	34.20
					1 1/2" – #9	36 x 96	.110	1.14	27.36
						120	"	"	34.20
						144	"	"	41.04
						48 x 96	"	"	36.48
						120	"	"	45.60
						144	"	"	54.72

*Style Designation – The first figure indicates the approximate width, the short way of the diamond, measuring from center to center of the bonds. Second figure indicates the approximate gauge of the sheet before expanding.

EXPANDED METAL ACCESSORIES

Information on request.

EXPANDED METAL GRATINGS

Expanded Metal Gratings are produced from heavy steel plate and provide an economical open flooring with the advantage of strength, durability, and light weight. Unlike solid flooring, Expanded Metal Gratings do not block light and air. Dirt, grease, snow, and mud cannot collect on the walking surface. Floors made from these gratings are attractive in appearance, and their non-slip quality is an important safety factor. Various styles are available, designed to support walking loads on clear spans up to five feet – longer with reinforcement. For further information, ask for our special pamphlet.

EXPANDED METAL GRATINGS				
Style Designation	Size in Inches	Size of Mesh* in Inches		Wt. Per Square Foot
Treadway (Walkway)	48 x 96	1.412	4.00	4.27
	72 x 96	"	"	"
Hiwalk (Skywalk)	48 x 120	2.000	6.00	3.14
	72 x 120	"	"	"
3.0 Lb. Grating	48 x 96	1.333	5.33	3.00
	120	"	"	"
	60 x 120	"	"	"
	72 x 96	1.440	5.00	"
	120	"	"	"
	144	"	"	"
4.0 Lb. Grating	150	1.333	5.33	"
	48 x 96	"	"	4.00
	120	"	"	"
	60 x 96	"	"	"
	72 x 96	"	"	"
5.0 Lb. Grating	120	"	"	"
	48 x 96	1.330	"	5.00
	72 x 120	"	"	"
6.25 Lb. Grating	48 x 48	1.412	"	6.25
	96	"	"	"
	144	"	"	"
	192	"	"	"
	72 x 96	"	"	"
	120	"	"	"

*Measured center to center of bonds.

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We represent various manufacturers of grating products which have been designed to fill many functional and ornamental architectural requirements. Such material offers the benefits of minimum weight, maximum carrying capacity, ventilation, sanitation, light admission, non-skid safety, and self-cleaning. We will be glad to furnish further information upon request.





Steel plates in thicknesses up to 16" are a staple item in EMJ's inventory.



Torch cutting machines produce multiple parts from steel plates in EMJ Service Centers.



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