

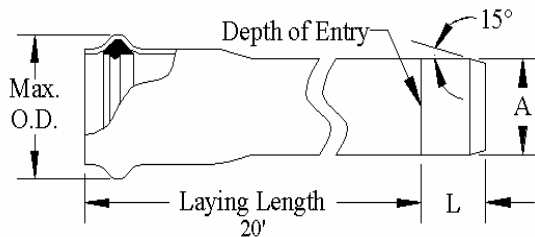
PVC PRESSURE-RATED WATER PIPE

Scope: This submittal designates the general requirements for **Unplasticized Polyvinyl Chloride Pressure-Rated Water Pipe from compound which equals or exceeds cell classification 12454, as defined in ASTM Standard D-1784.**

Pipe: All pipe shall meet the requirements of ASTM Standard D-2241. Pipe supplied with a solvent cement joint shall meet the requirements of ASTM D-2672. Pipe supplied with a gasketed joint shall meet the requirements of ASTM D-3139, and the joint gasket shall conform to the requirements of ASTM F-477.

All pipe shall meet the requirements of NSF Standard #14, "Plastic Piping Components and Related Materials," and Standard #61, "Drinking Water System Components-Health Effects". The pipe displays the "NSF-PW" listing mark signifying use in potable water applications.

Pipe shall be furnished in laying lengths of 20' (+/- 1"). Other lengths and plain end finish may be available upon request.



This product is manufactured in alternative colors for specific applications. **Purple** for Reclaimed Water application. Print legend will include the marking "Reclaimed Water". **Green** for Sanitary Sewer Force Main applications. Print legend will include "Force Main". Although manufactured in accordance with the same industrial standards and testing requirements, these products do not bear the NSF Listing Mark as they are used for different applications.

ASTM D-2241 Pressure Pipe

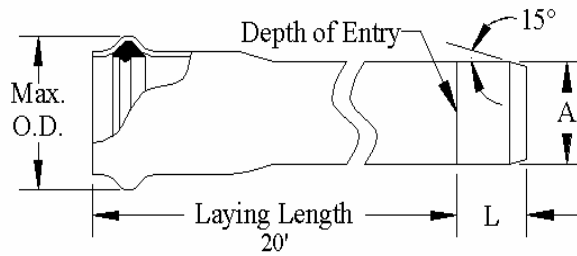
Nominal Size (Inches) (m.m.)		Standard Dimension Ratio (SDR)	Pressure Rating (PSI)	"A" Average Outside Diameter (O.D.)	Minimum Wall	Maximum O.D.	"L" Dimension Reference **
1 1/2	35	21	200	1.900	0.090	3.130	3.000
2	50	21	200	2.375	0.113	3.650	3.000
		17	250		0.140	3.700	
		13.5	315		0.176	4.200	
2 1/2	60	21	200	2.875	0.137	4.200	3.500
3	75	26 †	160	3.500	0.135	4.820	4.000
		21	200		0.167	4.900	
		17	250		0.206	4.970	
		13.5 †	315		0.259	5.090	

* Gasketed bell end finish is not available, optional alternatives are solvent cement joint or plain end.

** Depth of entry line is a reference dimension and may vary +/- 0.125.

† Manufactured by special order.





ASTM D-2241 Pressure Pipe (continued)

Nominal Size (inches) (m.m.)		Standard Dimension Ratio (SDR)	Pressure Rating (PSI)	"A" Average Outside Diameter (O.D.)	Minimum Wall	Maximum O.D.	"L" Dimension Reference **
4	100	26	160	4.500	0.173	5.900	4.000
		21	200		0.214	6.000	
		17	250		0.265	6.100	
		13.5 †	315		0.333	6.230	
6	150	26	160	6.625	0.255	8.210	5.250
		21	200		0.316	8.340	
		17	250		0.390	8.510	
8	200	26	160	8.625	0.332	10.380	6.000
		21	200		0.410	10.560	
		17	250		0.508	10.780	
10	250	26	160	10.750	0.413	12.690	6.500
		21	200		0.511	12.910	
		17	250		0.632	13.180	
12	300	26	160	12.750	0.490	14.860	7.000
		21	200		0.606	15.120	
		17	250		0.750	15.450	

* Gasketed bell end finish is not available, optional alternatives are solvent cement joint or plain end.

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† Manufactured by special order.

