

PRODUCT SPECIFICATION

ASTM D2241 PLASTIC IRRIGATION PIPE (PIP) | Gasketed Integral Bell

Our Gasketed Integral Bell Plastic Irrigation Pipe (PIP) product line is manufactured to meet the needs of irrigation systems in accordance with ASTM D2241. With top quality raw materials and modern processing technology, our PIP products meet all industry standards in addition to our own rigorous quality control requirements.

Our Plastic Irrigation Pipe utilizes Rieber style gaskets throughout the entire product offering to create a leak-free joint.

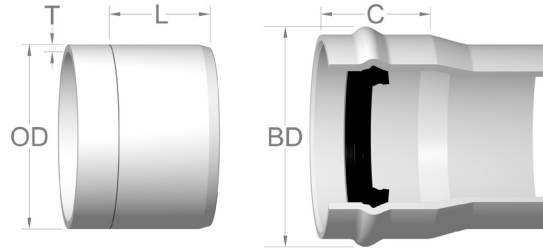
SHORT FORM SPECIFICATION	
Pipe Standard:	ASTM D2241
Diameter Std.:	Plastic Irrigation Pipe
Nominal Sizes:	6", 8", 10", 12", 15", 18", 21", 24", 27"
Dimension Ratios & Pressure Ratings:	SDR 51 – 80 psi SDR 41 – 100 psi
Lay Length:	20' or 22' – All Sizes 40' – 6" to 8" Sizes
Color:	Blue or White
Pipe Compound:	ASTM D1784 Cell Class 12454
Pipe Joint Std.:	ASTM D3139
Max. Angular Joint Deflection:‡	1°
Gasket Standard:	Styrene-Butadiene Rubber
Gasket Material Offerings:	ASTM D2774, ASTM D2855 & NRCS 430
Installation Std.:	ASTM D2774 & NRCS 430

‡See Installation Guide for more information.

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PLASTIC IRRIGATION PIPE DIMENSIONS & PERFORMANCE								
Nom. Size	Outside Diameter (OD)	SDR	Pressure Rating (psi)	Min. Wall Thickness (T1)	Internal Diameter (ID)	Approx. Bell Diameter (BD)	Bell Depth (C)	Insertion Mark (L)
6"	6.140	51	80	0.120	5.900	7.250	5.000	4.125
		41	100	0.150	5.840			
8"	8.160	51	80	0.160	7.840	9.250	6.000	5.125
		41	100	0.199	7.762			
10"	10.200	51	80	0.200	9.800	11.750	6.000	5.125
		41	100	0.249	9.702			
12"	12.240	51	80	0.240	11.760	14.000	6.500	5.750
		41	100	0.299	11.642			
15"	15.300	51	80	0.300	14.700	17.000	7.750	7.000
		41	100	0.373	14.554			
18"	18.701	51	80	0.366	17.969	20.750	9.750	9.000
		41	100	0.456	17.789			
21"	22.047	51	80	0.432	21.183	24.250	10.250	9.500
		41	100	0.538	20.971			
24"	24.803	51	80	0.486	23.831	27.250	11.250	10.500
		41	100	0.605	23.593			
27"	27.953	41	100	0.682	26.589	30.750	12.250	11.250

Notes:

1. These dimensions are for estimating purposes only. All dimensions are in inches unless otherwise specified.
 2. SDR = Standard Dimension Ratio
 3. ASTM Pressure Rating @ 73°F and includes 2:1 safety factor.
 4. Internal diameter calculated using nominal outside diameter and minimum wall thickness.
 5. Dimension given for Approx. Bell Diameter (BD) is for highest pressure class.
- ** Consult our Customer Service or Sales Department for availability.