

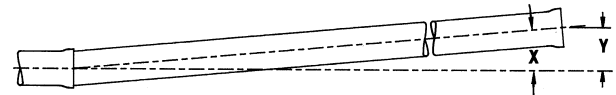
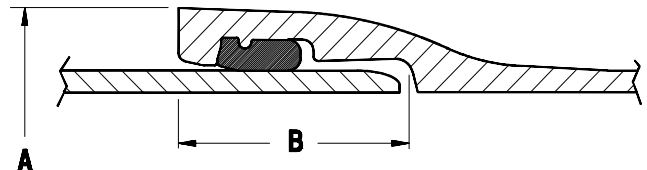


Ductile Iron Pipe TYTON JOINT® Pipe Pressure Class Designation

Specifications

Pipe shall be ductile iron manufactured in accordance with the requirements of ANSI/AWWA C151/A21.51. Push-on joints for such pipe shall be in accordance with ANSI/AWWA C111/A21.11. Pipe shall be Griffin or equal. Pipe thickness shall be designed in accordance with ANSI/AWWA C150/A21.50 and shall be based on laying conditions and internal pressure as specified in the project plans.

Pipe shall have cement mortar lining and seal coating, where applicable, in accordance with ANSI/AWWA C104/A21.4.



Dimensions & Weights

Pipe Barrel							Laying Length			
							18 ft.		20 ft.	
Size	Press. Class	Nom. Thick.	Nom. O.D.	A	B	X	Y		Y	
				Bell O.D.	Bell Depth	Defl. Angle	Wt. Per Lgth.†	Max. Defl.	Wt. Per Lgth.†	Max. Defl.
in.		in.	in.	in.	in.	deg.	lb.	in.	lb.	in.
3	350	.25	3.96	5.48	3.00	5	168	19		
4	350	.25	4.80	6.52	3.15	5	207	19		
6	350	.25	6.90	8.66	3.38	5	304	19	336	21
8	350	.25	9.05	10.82	3.69	5	402	19	444	21
10	350	.26	11.10	12.91	3.75	5	515	19	569	21

NOTE: 12" THRU 24"
continued on back.

TYTON JOINT® is a registered trademark of U.S. Pipe and Foundry Co.

Plants and Regional Sales Offices:

Council Bluffs, Iowa 51501
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Florence, New Jersey 08518
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Fax 609/499-4868

Lynchburg, Virginia 24505
Adams St. - Upper Basin, Box 740
804/522-4742 Fax 804/522-4739

Ductile Iron Pipe

TYTON JOINT® Pipe Dimensions & Weights Continued

Pipe Barrel										
							Laying Length			
							18 ft.	20 ft.		
Size	Press. Class	Nom. Thick.	Nom. O.D.	A Bell O.D.	B Bell Depth	X Defl. Angle	Wt. Per Lgth.†	Y Max. Defl.	Wt. Per Lgth.†	Y Max. Defl.
in.		in.	in.	in.	in.	deg.	lb.	in.	lb.	in.
12	350	.28	13.20	15.05	3.75	5	659	19	729	21
14	250	.28	15.30	17.62	5.00	5	782	19	863	21
	300	.30	15.30	17.62	5.00	5	833	19	919	21
	350	.31	15.30	17.62	5.00	5	858	19	947	21
16	250	.30	17.40	19.74	5.00	5	950	19	1,048	21
	300	.32	17.40	19.74	5.00	5	1,008	19	1,113	21
	350	.34	17.40	19.74	5.00	5	1,066	19	1,177	21
18	250	.31	19.50	21.86	5.00	5			1,211	21
	300	.34	19.50	21.86	5.00	5			1,319	21
	350	.36	19.50	21.86	5.00	5			1,392	21
20	250	.33	21.60	23.98	5.50	5			1,422	21
	300	.36	21.60	23.98	5.50	5			1,542	21
	350	.38	21.60	23.98	5.50	5			1,622	21
24	200	.33	25.80	28.16	5.95	5			1,712	21
	250	.37	25.80	28.16	5.95	5			1,905	21
	300	.40	25.80	28.16	5.95	5			2,049	21
	350	.43	25.80	28.16	5.95	5			2,193	21

† Including bell.

Pipe is normally manufactured with a cement-mortar lining. Above weights do not include lining. Standard lining thickness for 4" - 12" diameter pipe is $\frac{1}{16}$ " minimum; for 14" - 24" diameter pipe is $\frac{3}{32}$ " minimum.