

Pipe A-7

Standard Dimensions & Weights of "Pressure Class" DI Pipe

PIPE BARREL				PUSH-ON					MECHANICAL JOINT				
PUSH-ON AND MECHANICAL JOINT				DEFL. ANGLE	LAYING LENGTH				DEFL. ANGLE	LAYING LENGTH			
					18 FT.		20 FT.			18 FT.		20 FT.	
SIZE	PRESS. CLASS	THICK.*	O.D.*		WT. PER LGTH†	MAX. DEFL.	WT. PER LGTH†	MAX. DEFL.		WT. PER LGTH†	MAX. DEFL.	WT. PER LGTH†	MAX. DEFL.
IN.	PSI	IN.	IN.	DEG.	LBS.	IN.	LBS.	IN.	DEG.	LBS.	IN.	LBS.	IN.
4"	350	0.25**	4.80	5°	205	19"	N/A	—	8°-18'	210	21"	N/A	—
6"	350	0.25**	6.90	5°	300	19"	330	21"	7°-7'	305	27"	340	30"
8"	350	0.25**	9.05	5°	395	19"	440	21"	5°-21'	405	20"	446	22"
10"	350	0.26	11.10	5°	510	19"	565	21"	5°-21'	520	20"	575	22"
12"	350	0.28	13.20	5°	655	19"	725	21"	5°-21'	665	20"	735	22"
14"	250	0.28	15.30	3°	770	11"	855	12"	3°-35'	790	13.5"	870	15"
	300	0.30			825		910			840		925	
	350	0.31			850		940			865		955	
16"	250	0.30	17.40	3°	940	11"	1040	12"	3°-35'	960	13.5"	1060	15"
	300	0.32			1000		1105			1020		1125	
	350	0.34			1060		1170			1080		1190	
18"	250	0.31	19.50	3°	1090	11"	1205	12"	3°-0'	1115	11"	1230	12"
	300	0.34			1185		1310			1210		1335	
	350	0.36			1250		1385			1275		1410	
20"	250	0.33	21.60	3°	1290	11"	1425	12"	3°-0'	1315	11"	1450	12"
	300	0.36			1395		1545			1420		1570	
	350	0.38			1470		1625			1495		1650	
24"	200	0.33	25.80	3°	1550	11"	1710	12"	2°-23'	1575	9"	1740	10"
	250	0.37			1725		1905			1750		1935	
	300	0.40			1855		2050			1880		2075	
	350	.043			1985		2195			2010		2220	

* Thicknesses and O.D. tolerances shall be in accordance with AWWA/ANSI C151/A21.51 and C111/A21.11 respectively.

** Calculated thicknesses for these sizes and pressure ratings are less than those shown above. Presently these are the lowest nominal thicknesses available in these sizes.

† Including bell; calculated weight of pipe rounded off to nearest 5 lbs.