

Pipe A-6

Standard Dimensions & Weights of "Thickness 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	THICK. CLASS	THICK.*	O.D.*	DEG.	WT. PER LGTH†	MAX. DEFL.	WT. PER LGTH†	MAX. DEFL.	DEG.	WT. PER LGTH†	MAX. DEFL.	WT. PER LGTH†	MAX. DEFL.
IN.	PSI	IN.	IN.		LBS.	IN.	LBS.	IN.		LBS.	IN.	LBS.	IN.
4"	51	0.26	4.80	5°	215	19"	—	—	8°-18'	215	21"	—	—
	52	0.29			235		—			240		—	
	53	0.32			250		—			260		—	
	54	0.35			275		—			285		—	
	50	0.25			300		335			305		340	
6"	51	0.28	6.90	5°	335	19"	370	21"	7°-7'	340	27"	375	30"
	52	0.31			365		405			370		410	
	53	0.34			400		440			405		445	
	54	0.37			430		480			435		480	
	50	0.27			430		475			435		480	
8"	51	0.30	9.05	5°	475	19"	525	21"	5°-21'	480	20"	530	22"
	52	0.33			515		575			525		580	
	53	0.36			560		620			565		625	
	54	0.39			605		670			610		675	
	50	0.29			570		630			575		635	
10"	51	0.32	11.10	5°	625	19"	690	21"	5°-21'	630	20"	695	22"
	52	0.35			680		750			685		755	
	53	0.38			730		810			735		815	
	54	0.41			785		870			790		875	
	50	0.31			725		800			730		805	
12"	51	0.34	13.20	5°	790	19"	875	21"	5°-21'	795	20"	875	22"
	52	0.37			855		945			860		950	
	53	0.40			920		1020			925		1020	
	54	0.43			985		1090			985		1095	
	50	0.33			900		995			915		1,010	
14"	51	0.36	15.30	3°	975	11"	1,080	12"	3°-35'	990	13.5"	1,095	15"
	52	0.39			1,050		1,165			1,065		1,180	
	53	0.42			1,125		1,245			1,145		1,265	
	54	0.45			1,200		1,330			1,215		1,345	
	50	0.34			1,050		1,170			1,080		1,190	
16"	51	0.37	17.40	3°	1,145	11"	1,265	12"	3°-35'	1,165	13.5"	1,285	15"
	52	0.40			1,230		1,360			1,250		1,380	
	53	0.43			1,315		1,455			1,335		1,475	
	54	0.46			1,400		1,550			1,420		1,570	
	50	0.35			1,220		1,350			1,245		1,375	
18"	51	0.38	19.50	3°	1320	11"	1460	12"	3°-0'	1340	11"	1480	12"
	52	0.41			1420		1565			1440		1590	
	53	0.44			1520		1675			1535		1695	
	54	0.47			1610		1780			1635		1805	
	50	0.36			1400		1545			1420		1570	
20"	51	0.39	21.60	3°	1505	11"	1665	12"	3°-0'	1530	11"	1690	12"
	52	0.42			1615		1785			1635		1810	
	53	0.45			1720		1905			1745		1930	
	54	0.48			1830		2025			1855		2050	
	50	0.38			1765		1950			1795		1980	
24"	51	0.41	25.80	3°	1895	11"	2095	12"	2°-23'	1925	9"	2215	10"
	52	0.44			2025		2240			2055		2270	
	53	0.47			2155		2385			2180		2410	
	54	0.50			2285		2525			2310		2555	
	50	0.38			1765		1950			1795		1980	

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

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