

REFERENCE GUIDES

awwa ductile iron pipe data

Thickness and dimensions of 3" through 64" Ductile Iron Pipe conform to ANSI/AWWA C151/A21.51.					
NOM. PIPE SIZE	THICKNESS CLASS	O.D. D.I. PIPE	WALL THICKNESS	WEIGHT PER FOOT (lbs)	
				TUBING	TUBING FILLED WITH WATER
3	53	3.96	.31	11.40	15.20
4	53	4.80	.32	14.40	20.30
6	53	6.90	.34	22.20	35.30
8	53	9.05	.36	31.50	54.50
10	53	11.10	.38	41.10	77.50
12	53	13.20	.40	51.60	103.90
14	53	15.30	.42	63.60	134.70
16	53	17.40	.43	74.30	167.40
18	53	19.50	.44	85.40	203.30
20	53	21.60	.45	96.90	242.70
24	53	25.80	.47	121.10	442.30
30	53	32.00	.51	163.80	490.30
36	53	38.30	.58	223.60	692.90
42	53	44.50	.65	293.60	928.50
48	53	50.80	.72	370.50	1199.40

NOTE:

Weights are based on Thickness Class 53. Due to numerous pressure and thickness classes, varying pipe lengths and piping connections (e.g. bell and gasket, mechanical, etc.) above weights should be considered an average for all Ductile Iron Piping systems.

awwa c-900 pvc water pipe data - class 100, 150, 200

NOM SIZE	O.D. C-900	WALL THICKNESS	WEIGHT PER FOOT (lbs)	
			PIPE	PIPE FILLED WITH WATER
DR 25 -- CLASS 100				
4	4.800	0.192	1.846	10.290
6	6.900	0.276	3.831	21.290
8	9.050	0.362	6.618	36.648
10	11.100	0.444	10.005	55.190
12	13.200	0.528	14.180	78.080
DR 18 -- CLASS 150				
4	4.800	0.267	2.522	10.400
6	6.900	0.383	5.226	21.518
8	9.050	0.503	9.040	37.077
10	11.100	0.617	13.666	55.836
12	13.200	0.733	19.354	78.080
DR 14 -- CLASS 200				
4	4.800	0.343	3.182	10.515
6	6.900	0.493	6.605	21.745
8	9.050	0.646	11.410	37.480
10	11.100	0.793	17.250	56.480
12	13.200	0.943	24.450	79.910