

Outside diameters, inside diameters and thicknesses of various pipes

Nominal size	CENTRIFUGALLY CAST PIPE ANSI A21.6 • ANSI A21.8 AWWA C106 • AWWA C108			PIT CAST PIPE ANSI A21.2 AWWA C102		
	O.D.	I.D.	THICKNESS	O.D.	I.D.	THICKNESS
<b>CLASS 50 • 50 PSI • 115 FT. HD.</b>						
3"	3.96	3.32	.32	3.80	3.06	.37
4"	4.80	4.10	.35	4.80	4.00	.40
6"	6.90	6.14	.38	6.90	6.04	.43
8"	9.05	8.23	.41	9.05	8.13	.46
10"	11.10	10.22	.44	11.10	10.10	.50
12"	13.20	12.24	.48	13.20	12.12	.54
14"	15.30	14.34	.48	15.30	14.22	.54
16"	17.40	16.32	.54	17.40	16.24	.58
18"	19.50	18.42	.54	19.50	18.24	.63
20"	21.60	20.46	.57	21.60	20.28	.66
24"	25.80	24.54	.63	25.80	24.32	.74
30"	32.00	30.42	.79	31.74	30.00	.87
36"	38.30	36.56	.87	37.96	36.02	.97
42"	44.50	42.56	.97	44.20	42.06	1.07
48"	50.80	48.68	1.06	50.50	48.14	1.18
54"	-	-	-	56.66	54.06	1.30
60"	-	-	-	62.80	60.02	1.39
<b>CLASS 100 • 100 PSI • 231 FT. HD.</b>						
3"	3.96	3.32	.32	3.80	3.06	.37
4"	4.80	4.10	.35	4.80	4.00	.40
6"	6.90	6.14	.38	6.90	6.04	.43
8"	9.05	8.23	.41	9.05	8.13	.46
10"	11.10	10.22	.44	11.10	10.10	.50
12"	13.20	12.24	.48	13.20	12.12	.54
14"	15.30	14.28	.51	15.30	14.14	.58
16"	17.40	16.32	.54	17.40	16.14	.63
18"	19.50	18.34	.58	19.50	18.14	.68
20"	21.60	20.36	.62	21.60	20.18	.71
24"	25.80	24.44	.68	25.80	24.20	.80
30"	32.00	30.42	.79	32.00	30.12	.94
36"	38.30	36.56	.87	38.30	36.20	1.05
42"	44.50	42.56	.97	44.50	42.00	1.25
48"	50.80	48.68	1.06	50.80	48.06	1.37
54"	-	-	-	57.10	54.08	1.51
60"	-	-	-	63.40	60.16	1.62
<b>CLASS 150 • 150 PSI • 346 FT. HD.</b>						
3"	3.96	3.32	.32	3.80	3.06	.37
4"	4.80	4.10	.35	4.80	4.00	.40
6"	6.90	6.14	.38	6.90	6.04	.43
8"	9.05	8.23	.41	9.05	8.13	.46
10"	11.10	10.22	.44	11.10	10.02	.54
12"	13.20	12.24	.48	13.20	12.04	.58
14"	15.65	14.63	.51	15.65	14.39	.63
16"	17.80	16.72	.54	17.80	16.44	.68
18"	19.92	18.76	.58	19.92	18.46	.73
20"	22.06	20.82	.62	22.06	20.40	.83
24"	26.32	24.86	.73	26.32	24.46	.93
30"	32.00	30.30	.85	32.40	30.20	1.10
36"	38.30	36.42	.94	38.70	36.26	1.22
42"	44.50	42.40	1.05	45.10	42.40	1.35
48"	50.80	48.52	1.14	51.40	48.44	1.48
54"	-	-	-	57.80	54.54	1.63
60"	-	-	-	64.20	60.42	1.89

# ENGINEERING INFORMATION - CAST IRON PIPE DATA

Outside diameters, inside diameters and thicknesses of various pipes

Nominal size	CENTRIFUGALLY CAST PIPE ANSI A21.6 • ANSI A21.8 AWWA C106 • AWWA C108			PIT CAST PIPE ANSI A21.2 AWWA C102								
	O.D.	I.D.	THICKNESS	O.D.	I.D.	THICKNESS						
<b>CLASS 200 • 200 PSI • 462 FT. HD.</b>												
3"	3.96	3.32	.32	3.80	3.06	.37						
4"	4.80	4.10	.35	4.80	4.00	.40						
6"	6.90	6.14	.38	6.90	6.04	.43						
8"	9.05	8.23	.41	9.05	8.13	.46						
10"	11.10	10.22	.44	11.10	9.94	.58						
12"	13.20	12.24	.48	13.20	11.94	.63						
14"	15.65	14.55	.55	15.65	14.29	.68						
16"	17.80	16.64	.58	17.80	16.22	.79						
18"	19.92	18.66	.63	19.92	18.22	.85						
20"	22.06	20.72	.67	22.06	20.26	.90						
24"	26.32	24.74	.79	26.32	24.32	1.00						
30"	32.00	30.16	.92	32.74	30.36	1.19						
36"	38.30	36.26	1.02	39.16	36.30	1.43						
42"	44.50	42.24	1.13	45.58	42.42	1.58						
48"	50.80	48.34	1.23	51.98	48.52	1.73						
54"	-	-	-	58.40	54.60	1.90						
60"	-	-	-	64.82	60.42	2.20						
<b>CLASS 250 • 250 PSI • 577 FT. HD.</b>												
3"	3.96	3.32	.32	3.80	3.06	.37						
4"	4.80	4.10	.35	4.80	4.00	.40						
6"	6.90	6.14	.38	6.90	6.04	.43						
8"	9.05	8.23	.41	9.05	8.05	.50						
10"	11.10	10.22	.44	11.40	10.14	.63						
12"	13.20	12.16	.52	13.50	12.14	.68						
14"	15.65	14.47	.59	15.65	14.07	.79						
16"	17.80	16.54	.63	17.80	16.10	.85						
18"	19.92	18.56	.68	19.92	18.08	.92						
20"	22.06	20.62	.72	22.06	20.12	.97						
24"	26.32	24.74	.79	26.32	24.16	1.08						
30"	32.00	30.02	.99	32.74	29.96	1.39						
36"	38.30	36.10	1.10	39.16	36.08	1.54						
42"	44.50	42.06	1.22	45.58	42.16	1.71						
48"	50.80	48.14	1.33	51.98	47.94	2.02						
54"	-	-	-	58.40	53.98	2.21						
60"	-	-	-	64.82	60.06	2.38						
<b>AWWA - 1908 STANDARD</b>												
Nominal size	CLASS A 43 PSI - 100FT. HD.			CLASS B 86 PSI - 200FT. HD.			CLASS C 130 PSI - 300FT. HD.			CLASS D 173 PSI - 400FT. HD.		
	O.D.	I.D.	THICKNESS	O.D.	I.D.	THICKNESS	O.D.	I.D.	THICKNESS	O.D.	I.D.	THICKNESS
3"	3.80	3.02	.39	3.96	3.14	.42	3.96	3.06	.45	3.96	3.00	.48
4"	4.80	3.96	.42	5.00	4.10	.45	5.00	4.04	.48	5.00	3.96	.52
6"	6.90	6.02	.44	7.10	6.14	.48	7.10	6.08	.51	7.10	6.00	.55
8"	9.05	8.13	.46	9.05	8.03	.51	9.30	8.18	.56	9.30	8.10	.60
10"	11.10	10.10	.50	11.10	9.96	.57	11.40	10.16	.62	11.40	10.04	.68
12"	13.20	12.12	.54	13.20	11.96	.62	13.50	12.14	.68	13.50	12.00	.75
14"	15.30	14.16	.57	15.30	13.98	.66	15.65	14.17	.74	15.65	14.01	.82
16"	17.40	16.20	.60	17.40	16.00	.70	17.80	16.20	.80	17.80	16.02	.89
18"	19.50	18.22	.64	19.50	18.00	.75	19.92	18.18	.87	19.92	18.00	.96
20"	21.60	20.26	.67	21.60	20.00	.80	22.06	20.22	.92	22.06	20.00	1.03
24"	25.80	24.28	.76	25.80	24.02	.89	26.32	24.24	1.04	26.32	24.00	1.16
30"	31.74	29.98	.88	32.00	29.94	1.03	32.40	30.00	1.20	32.74	30.00	1.37
36"	37.96	35.98	.99	38.30	36.00	1.15	38.70	35.98	1.36	39.16	36.00	1.58
42"	44.20	42.00	1.10	44.50	41.94	1.28	45.10	42.02	1.54	45.58	42.02	1.78
48"	50.50	47.98	1.26	50.80	47.96	1.42	51.40	47.98	1.71	51.98	48.06	1.96
54"	56.66	53.96	1.35	57.10	54.00	1.55	57.80	54.00	1.90	58.40	53.94	2.23
60"	62.80	60.02	1.39	63.40	60.06	1.67	64.20	60.20	2.00	64.82	60.06	2.38
72"	75.34	72.10	1.62	76.00	72.10	1.95	76.88	72.10	2.39	-	-	-
84"	87.54	84.10	1.72	88.54	84.10	2.22	-	-	-	-	-	-