



**STOCKING: WATER, SEWER, DRAINAGE, PIPE, VALVES, FITTINGS &
CONCRETE PRODUCTS**

PIPE O.D.GUIDE

SMALL DIAMETER PIPE SIZES

Nominal Pipe Size (Inches)	½	¾	1	1 ¼	1 ½	2	2 ½
COPPER TUBING	.63	.88	1.13	1.38	1.63	2.13	2.63
STEEL & PLASTIC PIPE	.84	1.05	1.32	1.66	1.90	2.38	2.88

IMPORTANT: This Pipe O.D. Guide is furnished for your convenience and is based on the latest pipe standards and information supplied by pipe manufacturers. Due to occasional changes & variances in outside diameters, the pipe O.D. should always be verified before ordering items.

STANDARD PRESSURE PIPE SIZES

Nominal Pipe Sizes (Inches)	3"	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"	20"	24"	30"
COPPER TUBING	3.13	4.13	5.13	6.13										
STEEL & PLASTIC PIPE (SDR26, 21, & Schedule)	3.50	4.50	5.56	6.63	8.63	10.75	12.75	14.00		16.00	18.00	20.00	24.00	30.00
PLASTIC IRRIGATION PIPE (PIP)		4.13		6.14	8.16	10.20	12.24		15.30		18.70	22.05	24.80	
PLASTIC SEWER PIPE (SDR35)		4.22		6.28	8.40	10.50	12.50		15.30		18.70		24.80	
PLASTIC (PVC) AWWA C-900		4.80		6.90	9.05	11.10	13.20	15.30		17.40	19.50	21.60	25.80	

CAST IRON PIPE

	3"	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"	20"	24"	30"
CLASS 100-250 AWWA DUCTILE IRON PIPE	3.96	4.80		6.90	9.05	11.10	13.20	15.30		17.40	19.50	21.60	25.80	32.00
CLASS A AWWA PIT CAST	3.80	4.80		6.9	9.05	11.10	13.20	15.30		17.40	19.50	21.60	25.80	31.74
CLASS B AWWA PIT CAST	3.96	5.00		7.10	9.05	11.10	13.20	15.30		17.40	19.50	21.60	25.80	32.00
CLASS C-D AWWA PIT CAST	3.96	5.00		7.10	9.30	11.40	13.50	15.65		17.80	19.92	22.06	26.32	

ASBESTOS-CEMENT PIPE

CLASS 100

	3"	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"	20"	24"	30"
MACHINE END	3.74	4.64		6.91	9.11	11.24*	13.44*	15.07		17.15	19.90	22.12	26.48	33.12
FLINTITE ROUGH BARREL	3.94	4.90		7.13	9.33	11.30	13.42	15.45		17.60				
FLUID-TITE ROUGH BARREL	3.93	5.05		7.16	9.32	11.46	13.70	15.36		17.50	20.44	22.50	27.17	
PERMAFLEX ROUGH BARREL		4.84		7.15	9.35	11.47	13.74	15.55		17.55	20.50	22.70	27.15	
RING-TITE ROUGH BARREL	3.95	4.92		7.19	9.39	11.47	13.74	15.51		17.65	20.44	22.68	27.12	33.80
MIN. STD. ROUGH BARREL		4.79		7.05	9.22	11.25	13.37	15.36		17.50				
MAX. STD. ROUGH BARREL		5.26		7.40	9.57	11.77	14.04	15.80		17.94				

CLASS 150

	3"	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"	20"	24"	30"
MACHINE END	3.84	4.81		6.91	9.11	11.66	13.92	16.22		18.46	20.94	23.28	27.96	35.00
FLINTITE ROUGH BARREL	4.04	5.06		7.13	9.33	11.88	14.14	16.48		18.72				
FLUID-TITE ROUGH BARREL	4.03	5.14		7.12	9.32	11.85	14.11	16.41		18.65	21.20	23.54	28.22	
PERMAFLEX ROUGH BARREL		5.00		7.20	9.40	11.92	14.20	16.50		18.75	21.30	23.64	28.32	
RING-TITE ROUGH BARREL	4.13	5.07		7.17	9.37	11.92	14.18	16.48		18.72	21.30	23.64	28.32	35.42
MIN. STD. ROUGH BARREL		4.97		7.07	9.27	11.82	14.08	16.38		18.62				
MAX. STD. ROUGH BARREL		5.32		7.37	9.62	12.12	14.38	16.73		18.97				

CLASS 200

	3"	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"	20"	24"	30"
MACHINED END	3.84	4.81		6.91	9.11	11.66	13.92	16.22		18.46	22.18	24.66	29.62	37.06
FLINTITE ROUGH BARREL	4.17	5.32		7.26	9.44	11.88	14.14	16.53		18.84				
FLUID-TITE ROUGH BARREL	4.18	5.32		7.36	9.46	11.88	14.11	16.44		18.74				
PERMAFLEX ROUGH BARREL		5.32		7.25	9.50	11.95	14.20	16.55		18.90	22.54	25.02	29.98	
RING-TITE ROUGH BARREL	4.17	5.33		7.32	9.50	11.92	14.18	16.59		18.90	22.54	25.02	29.98	37.48
MIN. STD. ROUGH BARREL		5.22		7.26	9.39	11.77	14.03	16.44		18.74				
MAX. STD. ROUGH BARREL		5.57		7.60	9.79	12.12	14.38	16.88		19.19				

*Flintite M E is 10.89 for 10" and 12.99 for 12" sizes.