



PIPE O. D. GUIDE

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 and variances in outside diameters, the pipe O. D. should always be verified before ordering fittings.

SMALL DIAMETER PIPE SIZES

Nominal Pipe Sizes (inches)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
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

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 (SDR 26,21 & 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 (SDR 35)		4.22		6.28	8.40	10.50	12.50		15.30				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	CLASS 100-250 AWWA	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		6.90	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	

CLASS 100	MACHINED 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	MACHINED 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	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				

Nominal Pipe Sizes (inches)

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* FLINTITE M E IS 10.89 FOR 10" AND 12.99 FOR 12" SIZES.