

## PIPE OUTSIDE DIAMETER GUIDE

**IMPORTANT:** This pipe OD guide is furnished for your convenience and is based on the latest pipe standards and information supplied by pipe manufacturers. Due to occasional changes in outside diameters by pipe manufacturers, the pipe OD or circumference should always be checked and furnished when ordering fittings.

Nominal Pipe Size (Inches)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	15	16	18	20	24	30
Copper Tubing	.63	.88	1.13	1.38	1.63	2.13	2.63	3.13	4.13	5.13	6.13										
Steel Pipe—Schedule 40	.84	1.05	1.32	1.66	1.90	2.38	2.88	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 Pipe—(P.V.C.)—STD			1.32		1.90	2.38	2.88	3.50	4.50		6.63	8.63	10.75	12.75							
Plastic Pipe—(P.V.C.)—C.I. Size								4.80			6.90	9.05	11.10	13.20							
Polyethylene Tubing & Pipe	P.E. Tubing Can Be To Iron Copper D-Schedule 40 Size							3.50	4.50		6.63	8.63	10.75	12.75	14.00		16.00	18.00	20.00	24.00	
Polyethylene Pipe—“Sclair”						2.38		3.50	4.50		6.63	8.63	9.90	12.47	14.05		15.85	17.87	19.84	25.02	
Plastic Irrigation Pipe (PIP)								4.13			6.14	8.16	10.20	12.24		15.30					

### CAST IRON PIPE

Class 100-250 AWWA Centrifugal								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						2.50		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	

### ASBESTOS-CEMENT PIPE

#### CLASS 100

Machined End								3.74	4.64		6.91	9.11	11.24*	13.44*	15.07		17.15				
Fluid-Tite Rough Barrel								3.93	5.05		7.16	9.32	11.46	13.70	15.36		17.50				
Flintite Rough Barrel								3.94	4.90		7.13	9.33	11.30	13.42	15.45		17.60				
Ring-Tite Rough Barrel								3.95	4.92		7.19	9.39	11.47	13.74	15.51		17.65				
Permafex Rough Barrel									4.84		7.15	9.35	11.47	13.74	15.55		17.55				
Minimum Standard Rough Barrel									4.79		7.05	9.22	11.25	13.37	15.36		17.50				
Maximum Standard 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				
Fluid-Tite Rough Barrel								4.03	5.14		7.12	9.32	11.85	14.11	16.41		18.65				
Flintite Rough Barrel								4.04	5.01		7.13	9.33	11.88	14.14	16.48		18.72				
Ring-Tite Rough Barrel								4.13	5.07		7.17	9.37	11.92	14.18	16.48		18.72				
Permafex Rough Barrel									5.00		7.20	9.40	11.92	14.20	16.50		18.75				
Minimum Standard Rough Barrel									4.97		7.07	9.27	11.82	14.08	16.38		18.62				
Maximum Standard 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				
Fluid-Tite Rough Barrel								4.18	5.32		7.36	9.46	11.88	14.11	16.44		18.74				
Flintite Rough Barrel								4.17	5.32		7.26	9.44	11.88	14.14	16.53		18.84				
Ring-Tite Rough Barrel								4.17	5.33		7.32	9.50	11.92	14.18	16.55		18.90				
Permafex Rough Barrel									5.32		7.26	9.50	11.95	14.20	16.55		18.90				
Minimum Standard Rough Barrel									5.22		7.26	9.39	11.77	14.03	16.44		18.74				
Maximum Standard Rough Barrel									5.57		7.60	9.79	12.12	14.38	16.88		19.19				

1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	15	16	18	20	24	30
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\*Flintite ME is 10.89 for 10" and 12.99 for 12" sizes.

**IMPORTANT:** Please refer to the manufacturers data supplied at time of pipe installation or measure the pipe OD or circumference prior to the ordering of fittings.



Always check pipe OD before ordering repair couplings!