

Pipe Outside Diameter Guide



PIPE OUTSIDE DIAMETER GUIDE

Water

NOMINAL PIPE SIZE (IN)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/4"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"
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	6.62	8.62	10.75	12.75	14.00	16.00	18.00	20.00	24.00	30.00	36.00
Plastic Pipe - (PVC) - Std. (Iron Pipe Size)	-	-	1.32	-	1.90	2.38	2.88	3.50	4.50	-	6.63	8.63	10.75	12.75	-	-	-	-	-	-	-
Polyethylene(CTS)	.63	.88	1.13	1.38	1.63	2.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Classes - Ductile Iron/C-900	-	-	-	-	-	-	-	3.96	4.80	-	6.90	9.05	11.10	13.20	15.30	17.40	19.50	21.60	25.80	32.00	38.30
Class C-D AWWA Pit Cast	-	-	-	-	-	-	-	3.96	5.00	-	7.10	9.30	1.40	13.50	15.65	17.80	19.92	22.06	26.32	32.40	38.70

Asbestos-Cement Pipe

NOMINAL PIPE SIZE (IN)	3"	4"	6"	8"	10"	12"	14"	16"
Class 150 Machined End	3.84	4.81	6.91	9.11	11.66	13.92	16.22	18.46
Ring-Tite Rough Barrel	4.13	5.07	7.17	9.37	11.92	14.18	16.48	18.72
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

Sewer

NOMINAL PIPE SIZE (IN)	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"	21"	27"	30"	36"	42"	48"
AC Class 1500	4.81	5.90	6.92	9.02	11.12	13.22	15.30	16.34	17.38	-	-	-	-	-	-	-
AC Class 2400	4.87	5.97	6.98	9.04	11.16	13.26	15.36	16.42	17.46	19.54	21.66	-	-	-	-	-
AC Class 3300	5.03	6.15	7.14	9.22	11.36	13.50	15.46	16.66	17.72	19.82	21.88	-	32.34	-	-	-
AC Class 3300	-	-	-	-	11.50	13.64	15.78	16.84	17.90	20.02	22.10	-	32.60	-	-	-
AC Class 5000	-	-	-	-	11.70	13.86	16.00	17.06	18.14	20.36	22.32	-	32.90	-	-	-
ABS-SDR 23.5 D-2751	4.21	-	6.27	-	-	-	-	-	-	-	-	-	-	-	-	-
Armoc Truss - D-2680	-	-	-	9.41	11.75	14.07	-	17.60	-	-	-	-	-	-	-	-
PVC SDR 35	4.21	-	6.27	8.40	10.50	12.50	-	15.30	-	18.70	22.05	27.95	32.00	38.30	44.50	50.80
Clay - Average	5.00	-	7.25	9.50	11.75	14.00	-	17.50	-	21.00	-	-	-	-	-	-
PVC Schedule 40 ASTM D-1785	4.50	-	6.62	8.62	10.75	12.75	-	-	-	-	-	-	-	-	-	-
C0rrugated Polyethylene Drainage	4.72	-	6.95	9.16	11.31	14.45	-	17.65	-	21.10	-	-	36.10	42.25	-	-