



Pipe

Dimensions and Properties

Dimensions				Weight per ft. lbs. Plain Ends	Properties				Schedule No.
Nominal Diameter in.	Outside Diameter in.	Inside Diameter in.	Wall Thickness in.		A in. ²	I in. ⁴	S in. ³	r in.	
Standard Weight									
½	.840	.622	.85	.250	.017	.041	.041	.261	40
¾	1.050	.824	1.13	.333	.037	.071	.071	.334	40
1	1.315	1.049	1.68	.494	.087	.133	.133	.421	40
1¼	1.660	1.380	2.27	.669	.195	.235	.235	.540	40
1½	1.900	1.610	2.72	.799	.310	.326	.326	.623	40
2	2.375	2.067	3.65	1.07	.666	.561	.561	.787	40
2½	2.875	2.469	5.79	1.70	1.53	1.06	1.06	.947	40
3	3.500	3.068	7.58	2.23	3.02	1.72	1.72	1.16	40
3½	4.000	3.548	9.11	2.68	4.79	2.39	2.39	1.34	40
4	4.500	4.026	10.79	3.17	7.23	3.21	3.21	1.51	40
5	5.563	5.047	14.62	4.30	15.2	5.45	5.45	1.88	40
6	6.625	6.065	18.97	5.58	28.1	8.50	8.50	2.25	40
8	8.625	7.981	28.55	8.40	72.5	16.8	16.8	2.94	40
10	10.750	10.020	40.48	11.9	161	29.9	29.9	3.67	40
12	12.750	12.000	49.56	14.6	279	43.8	43.8	4.38	—
Extra Strong									
½	.840	.546	.147	1.09	.320	.020	.048	.250	80
¾	1.050	.742	.154	1.47	.433	.045	.085	.321	80
1	1.315	.957	.179	2.17	.639	.106	.161	.407	80
1¼	1.660	1.278	.191	3.00	.881	.242	.291	.524	80
1½	1.900	1.500	.200	3.63	1.07	.391	.412	.605	80
2	2.375	1.939	.218	5.02	1.48	.868	.731	.766	80
2½	2.875	2.323	.276	7.66	2.25	1.92	1.34	.924	80
3	3.500	2.900	.300	10.25	3.02	3.89	2.23	1.14	80
3½	4.000	3.364	.318	12.50	3.68	6.28	3.14	1.31	80
4	4.500	3.826	.337	14.98	4.41	9.61	4.27	1.48	80
5	5.563	4.813	.375	20.78	6.11	20.7	7.43	1.84	80
6	6.625	5.761	.432	28.57	8.40	40.5	12.2	2.19	80
8	8.625	7.625	.500	43.39	12.8	106	24.5	2.88	80
10	10.750	9.750	.500	54.74	16.1	212	39.4	3.63	60
12	12.750	11.750	.500	65.42	19.2	362	56.7	4.33	—
Double-Extra Strong									
2	2.375	1.503	.436	9.03	2.66	1.31	1.10	.703	—
2½	2.875	1.771	.552	13.69	4.03	2.87	2.00	.844	—
3	3.500	2.300	.600	18.58	5.47	5.99	3.42	1.05	—
4	4.500	3.152	.674	27.54	8.10	15.3	6.79	1.37	—
5	5.563	4.063	.750	38.55	11.3	33.6	12.1	1.72	—
6	6.625	4.897	.864	53.16	15.6	66.3	20.0	2.06	—
8	8.625	6.875	.875	72.42	21.3	162	37.6	2.76	—

The listed sections are available in conformance with ASTM Specification A53 Grade B or A501. Other sections are made to these specifications. Consult with pipe manufacturers or distributors for availability.