

CARBON STEEL PIPE SIZE CHART

Pipe Sizes, Diameters,
Wall Thickness, Working Pressure

Based on ANSI B36.10 and ANSI B36.19

Nominal Size (in)	Outside Diameter (in)	Schedule Number or Weight	Wall Thickness (in)	Inside Diameter (in)	Pipe Weight (lbs/ft)	Working Pressure at 400°F (psig)
¼	0.540	40ST	0.088	0.364	0.424	188
		80XS	0.119	0.302	0.535	871
⅜	0.675	40ST	0.091	0.493	0.567	203
		80XS	0.126	0.423	0.738	820
½	0.840	40ST	0.109	0.622	0.850	214
		80XS	0.147	0.546	1.087	753
¾	1.050	40ST	0.113	0.824	1.13	217
		80XS	0.154	0.742	1.47	681
1	1.315	40ST	0.133	1.049	1.68	226
		80XS	0.179	0.957	2.17	642
1¼	1.660	40ST	0.140	1.380	2.27	229
		80XS	0.191	1.278	2.99	594
1½	1.900	40ST	0.145	1.610	2.72	231
		80XS	0.200	1.500	3.63	576
2	2.375	40ST	0.154	2.067	3.65	230
		80XS	0.218	1.939	5.02	551
2½	2.875	40ST	0.203	2.469	5.79	533
		80XS	0.276	2.323	7.66	835
3	3.500	40ST	0.216	3.068	7.57	482
		80XS	0.300	2.900	10.25	767
4	4.500	40ST	0.237	4.026	10.78	430
		80XS	0.337	3.826	14.97	695
6	6.625	40ST	0.280	6.065	18.96	696
		80XS	0.432	5.761	28.55	1209
8	8.625	30	0.277	8.071	24.68	526
		40ST	0.322	7.981	28.53	643
		80XS	0.500	7.625	43.35	1106

Nominal Size (in)	Outside Diameter (in)	Schedule Number or Weight	Wall Thickness (in)	Inside Diameter (in)	Pipe Weight (lbs/ft)	Working Pressure at 400°F (psig)
10	10.75	30	0.307	10.136	34.21	485
		40ST	0.365	10.202	40.45	606
		XS	0.500	9.750	54.69	887
		80	0.593	9.564	64.28	1018
		30	0.307	10.136	34.21	485
		40ST	0.365	10.202	40.45	606
12	12.75	XS	0.500	9.750	54.69	887
		80	0.593	9.564	64.28	1018
		30	0.330	12.090	43.74	449
		ST	0.375	12.000	49.52	528
		40	0.406	11.938	53.48	583
		XS	0.500	11.750	65.37	748
14	14.00	80	0.687	11.376	88.44	1076
		30ST	0.375	13.250	54.53	481
		40	0.437	13.126	63.25	580
		XS	0.500	13.000	72.04	681
16	16.00	80	0.750	12.500	106.05	1081
		30ST	0.375	15.250	62.53	421
18	18.00	40XS	0.500	15.000	82.71	596
		ST	0.375	17.250	70.54	374
20	20.00	30	0.437	17.126	81.91	451
		XS	0.500	17.000	93.38	530
		40	0.562	16.876	104.59	607
20	20.00	20ST	0.375	19.250	78.54	337
		30XS	0.500	19.000	104.05	477
		40	0.593	18.814	122.82	581



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