

Standard Pipe Dimensions and Weights

Use this table to find dimensions and weights for standard steel, alloy, and stainless steel pipe. Many additional diameters and schedules are available - only the more common ones are shown here.

Nom. Pipe Size	Outside Dia. - Inches	I. P. S.	Schedule	Avg. Wall - Inches	Inside Dia. - Inches	Wt/Ft - Pounds
1/8"	.405		10S	.049	.307	.1863
		40	40S Std.	.068	.269	.2447
		80	80S Ex. Hvy.	.095	.215	.3145
1/4"	.540		10S	.065	.410	.3297
		40	40S Std.	.088	.364	.4248
		80	80S Ex. Hvy.	.119	.302	.5351
3/8"	.675		10S	.065	.545	.4235
		40	40S Std.	.091	.493	.5676
		80	80S Ex. Hvy.	.126	.423	.7388
1/2"	.840		5S	.065	.710	.5383
			10S	.083	.674	.6710
		40	40S Std.	.109	.622	.8510
		80	80S Ex. Hvy.	.147	.546	1.088
		160		.188	.466	1.309
			XX Hvy.	.294	.252	1.714
3/4"	1.050		5S	.065	.920	.6838
			10S	.083	.884	.8572
		40	40S Std.	.113	.824	1.131
		80	80S Ex. Hvy.	.154	.742	1.474
		160		.219	.614	1.944
			XX Hvy	.308	.434	2.441
1"	1.315		5S	.065	1.185	.8678

			10S	.109	1.097	1.404
		40	40S Std.	.133	1.049	1.679
		80	80S Ex. Hvy.	.179	.957	2.172
		160		.250	.815	2.844
			XX Hvy.	.358	.599	3.659
1 1/4"	1.660		5S	.065	1.530	1.107
			10S	.109	1.442	1.806
		40	40S Std.	.140	1.380	2.273
		80	80S Ex. Hvy.	.191	1.278	2.997
		160		.250	1.160	3.765
			XX Hvy.	.382	.896	5.214
1 1/2"	1.900		5S	.065	1.770	1.274
			10S	.109	1.682	2.085
		40	40S Std.	.145	1.610	2.718
		80	80S Ex. Hvy.	.200	1.500	3.631
		160		.281	1.338	4.859
			XX Hvy.	.400	1.100	6.408
2"	2.375		5S	.065	2.245	1.604
			10S	.109	2.157	2.638
		40	40S Std.	.154	2.067	3.653
		80	80S Ex. Hvy.	.218	1.939	5.022
		160		.344	1.689	7.462
			XX Hvy.	.436	1.503	9.029
2 1/2"	2.875		5S	.083	2.709	2.475
			10S	.120	2.635	3.531
		40	40S Std.	.203	2.469	5.793
		80	80S Ex. Hvy.	.276	2.323	7.661
		160		.375	2.125	10.01
			XX Hvy.	.552	1.771	13.69
3"	3.500		5S	.083	3.334	3.029

			10S	.120	3.260	4.332
		40	40S Std.	.216	3.068	7.576
		80	80S Ex. Hvy.	.300	2.900	10.25
		160		.438	2.624	14.32
			XX Hvy.	.600	2.300	18.58
Size	O.D.	I. P. S.	Schedule	Wall	I.D.	Wt/Ft
3 1/2"	4.000	5	5S	.083	3.834	3.472
		10	10S	.120	3.760	4.973
		40	40S Std.	.226	3.548	9.109
		80	80S Ex. Hvy.	.318	3.364	12.50
			XX Hvy	.636	2.728	22.85
4"	4.500		5S	.083	4.334	3.915
			10S	.120	4.260	5.613
		40	40S Std.	.237	4.026	10.79
		80	80S Ex. hvy.	.337	3.826	14.98
		120		.438	3.624	19.00
		160		.531	3.438	22.51
			XX Hvy.	.674	3.152	27.54
4 1/2"	5.000		40 Std.	.247	4.506	12.53
			80 Ex. Hvy	.355	4.290	17.61
			XX Hvy.	.710	3.580	32.43
5"	5.563		5S	.109	5.345	6.349
			10S	.134	5.295	7.770
		40	40S Std.	.258	5.047	14.62
		80	80S Ex. Hvy.	.375	4.813	20.78
		120		.500	4.563	27.04
		160		.625	4.313	32.96
			XX Hvy.	.750	4.063	38.55
6"	6.625		5S	.109	6.407	7.585
			10S	.134	6.357	9.289
		40	40S Std.	.280	6.065	18.97
		80	80S Ex.Hvy.	.432	5.761	28.57

		120		.562	5.491	36.39
		160		.719	5.189	45.35
			XX Hvy.	.864	4.897	53.16
7"	7.625	40	Std.	.301	7.023	23.57
		80	Ex. Hvy.	.500	6.625	38.05
			XX Hvy.	.875	5.875	63.08
8"	8.625		5S	.109	8.407	9.914
			10S	.148	8.329	13.40
		20		.250	8.125	22.36
		30		.277	8.071	24.70
		40	40S Std.	.322	7.981	28.55
		60		.406	7.813	35.64
		80	80S Ex. Hvy.	.500	7.625	43.39
		100		.594	7.439	50.95
		120		.719	7.189	60.71
		140		.812	7.001	67.76
			XX Hvy.	.875	6.875	72.42
		160		.906	6.813	74.89
Size	O.D.	I. P. S.	Schedule	Wall	I.D.	Wt/Ft
9"	9.625	40	Std.	.342	8.941	33.90
		80	Ex. Hvy.	.500	8.625	48.72
			XX Hvy.	.875	7.875	81.77
10"	10.750		5S	.134	10.482	15.19
			10S	.165	10.420	18.70
		20		.250	10.250	28.04
		30		.307	10.136	34.24
		40	40S Std.	.365	10.020	40.48
		60	80S Ex. Hvy.	.500	9.750	54.74
		80		.594	9.564	64.43
		100		.719	9.314	77.03
		120		.844	9.064	89.29
		140		1.000	8.750	104.13
		160		1.125	8.500	115.64

11"	11.750	40	Std.	.375	11.00	45.55
		80	Ex. Hvy.	.500	10.750	60.07
			XX Hvy.	.875	10.000	101.63
12"	12.750		5S	.165	12.420	22.18
			10S	.180	12.390	24.20
		20		.250	12.250	33.38
		30		.330	12.090	43.77
			40S Std.	.375	12.000	49.56
		40		.406	11.938	53.52
			80S Ex. Hvy.	.500	11.750	65.42
		60		.562	11.626	73.15
		80		.688	11.376	88.63
		100		.844	11.064	107.32
		120		1.000	10.750	125.49
		140		1.125	10.500	139.67
		160		1.312	10.126	160.27
14"	14.000	10		.250	13.500	36.71
		20		.312	13.376	45.61
		30	Std.	.375	13.250	54.57
		40		.438	13.124	63.44
			Ex. Hvy.	.500	13.000	72.09
		60		.594	12.814	85.05
		80		.750	12.500	106.13
		100		.938	12.126	130.85
		120		1.094	11.814	150.9
		140		1.250	11.500	170.21
		160		1.406	11.188	189.1
16"	16.000	10		.250	15.500	42.05
		20		.312	15.376	52.27
		30	Std.	.375	15.250	62.58
		40	Ex Hvy.	.500	15.000	82.77
		60		.656	14.688	107.5
		80		.844	14.314	136.61
		100		1.031	13.938	164.82
		120		1.219	13.564	192.43

		140		1.438	13.124	223.64
		160		1.594	12.814	245.25
Size	O.D.	I. P. S.	Schedule	Wall	I.D.	Wt/Ft
18"	18.000	10		.250	17.500	47.39
		20		.312	17.376	58.94
			Std.	.375	17.250	70.59
		30		.438	17.124	82.15
			Ex. Hvy.	.500	17.000	93.45
		40		.562	16.876	104.67
		60		.750	16.500	138.17
		80		.938	16.126	170.92
		100		1.156	15.688	207.96
		120		1.375	15.250	244.14
		140		1.562	14.876	274.22
		160		1.781	14.438	308.5
20"	20.000	10		.250	19.500	52.73
		20	Std.	.375	19.250	78.60
		30	Ex. Hvy.	.500	19.000	104.13
		40		.594	18.814	123.11
		60		.812	18.376	166.4
		80		1.031	17.938	208.87
		100		1.281	17.438	256.1
		120		1.500	17.000	296.37
		140		1.750	16.500	341.09
		160		1.969	16.064	379.17
22"	22.000	10		.250	21.500	58.07
		20	Std.	.375	21.250	86.61
		30	Ex. Hvy.	.500	21.000	114.81
		60		.875	20.250	197.41
		80		1.125	19.750	250.81
		100		1.375	19.250	302.88
		120		1.625	18.750	353.61
		140		1.875	18.250	403.00
		160		2.125	17.750	451.06
24"	24.000	10		.250	23.500	63.41
		20	Std.	.375	23.250	94.62

			Ex. Hvy.	.500	23.000	125.49
		30		.562	22.876	140.68
		40		.688	22.626	171.29
		60		.969	22.064	238.35
		80		1.219	21.564	296.58
		100		1.531	20.938	367.39
		120		1.812	20.376	429.39
		140		2.062	19.876	483.1