

# Weights and Dimensions of Carbon Steel Pipe

Blue: Wall Thickness in Millimeters  
Red: Weight Per Meter in Kilograms

PIPE SIZE	O.D. in mm	A.S.A. PIPE SCHEDULES												DBLE. E.H.	
		5	10	20	30	40	STD	60	80	E.H.	100	120	140		160
1/8"	10.287	.089 0.21	1.24 0.28			1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47					
1/4"	13.716	1.24 0.38	1.65 0.49			2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80					
3/8"	17.145	1.24 0.49	1.65 0.63			2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10					
1/2"	13.716	1.65 0.80	2.11 1.00			2.77 1.62	2.77 1.62		3.73 0.80	3.73 0.80				4.78 1.95	7.47 2.55
3/4"	26.670	1.65 1.03	2.11 1.28			2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20				5.56 2.90	7.82 3.64
1"	33.401	1.65 1.30	2.77 2.09			3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24				6.35 4.24	9.09 5.45
1-1/4"	42.164	1.65 1.65	2.77 2.70			3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47				6.35 5.61	9.70 7.77
1-1/2"	48.260	1.65 1.91	2.77 3.11			3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41				7.14 7.25	10.15 9.56
2"	60.325	1.65 2.40	2.77 3.93			3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48				8.74 11.11	11.07 13.44
2-1/2"	73.025	2.11 3.69	3.05 5.26			5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41				9.53 14.92	14.02 20.39
3"	88.900	2.11 4.51	3.05 6.45	3.96 8.29	4.78 9.92	5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27				11.13 21.35	15.24 27.68
3-1/2"	101.600	2.11 5.18	3.05 7.40			5.74 13.57	5.74 13.57		8.08 18.63	8.80 18.63					16.15 34.20
4"	114.300	2.11 5.84	3.05 8.36	4.78 12.91	5.56 14.91	6.02 16.07	6.02 16.07	7.14 18.87	8.56 22.32	8.56 22.32		11.13 28.32		13.49 33.54	17.12 41.03
5"	141.300	2.77 9.47	3.40 11.57	4.78 16.09	5.56 18.61	6.55 21.77	6.55 21.77	7.14 23.62	9.53 30.97	9.53 30.97		12.70 40.28		15.88 49.11	19.05 57.43
6"	168.275	2.77 11.32	3.40 13.84	4.78 19.27	6.35 25.38	7.11 28.26	7.11 28.26	9.53 37.31	10.97 42.56	10.97 42.56	12.70 48.73	14.27 54.20		18.26 67.56	21.95 79.22
8"	219.075	2.77 14.78	3.76 19.96	6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	10.31 53.08	12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.27	23.01 111.27	22.23 107.92
10"	273.050	3.40 22.63	4.19 27.78	6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	15.09 96.01	12.70 81.55	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15
12"	323.850	3.96 31.25	4.57 36.00	6.35 49.73	8.38 65.20	10.31 79.73	9.53 73.88	14.27 108.96	17.48 132.08	12.70 97.46	21.44 169.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97
14"	355.600	3.96 34.36	6.35 54.69	7.92 67.90	9.53 81.33	11.13 94.55	9.53 81.33	15.09 126.71	19.05 158.10	12.70 107.39	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70	
16"	406.400	4.19 41.56	6.35 62.64	7.92 77.83	9.53 93.27	12.70 123.30	9.53 93.27	16.66 160.12	21.44 203.53	12.70 123.30	26.19 245.66	30.96 286.64	36.53 333.19	40.49 365.35	
18"	457.200	4.19 46.81	6.35 70.57	7.92 87.71	11.13 122.38	14.27 155.80	9.53 105.16	19.05 205.74	23.83 254.55	12.70 139.15	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37	
20"	508.000		6.35 78.55	9.53 117.15	12.70 155.12	15.09 183.42	9.53 117.15	20.62 247.83	26.19 311.17	12.70 155.12	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81	
22"	558.800		6.35 86.54	9.53 129.13	12.70 171.09		9.53 129.13	22.23 294.25	28.58 373.83	12.70 171.09	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26	
24"	609.600		6.35 94.53	9.53 141.12	14.27 209.64	17.48 255.41	9.53 141.12	24.61 355.26	30.96 442.08	12.70 187.06	38.89 547.71	46.02 640.03	52.37 720.15	59.54 808.22	
26"	660.400	6.35 102.36	7.92 127.36				9.53 152.87	10.31 165.18		12.70 202.72	14.27 227.23				
28"	711.200	6.35 110.34	7.92 137.32				9.53 164.85			12.70 218.69					
30"	762.000	6.35 118.31	7.92 147.28	12.70 234.67	15.88 292.18		9.53 176.84	10.31 191.11	11.13 206.09	12.70 234.67					
32"	812.800	6.35 126.31	7.92 157.24				9.53 188.82	10.31 204.08	11.13 220.08	12.70 250.64					
34"	863.600	6.35 134.30	7.92 167.20				9.53 200.31	10.31 217.05	11.13 234.08	12.70 266.61					
36"	914.400	6.35 142.13	7.92 176.96	12.70 282.27	15.88 351.70	19.05 420.42	9.53 212.56	10.31 229.76	11.13 247.31	12.70 282.27					
40"	1016.00						9.53 236.53			12.70 314.22					
42"	1066.80	7.92 207.92					9.53 248.52			12.70 330.19					
48"	1219.20						9.53 284.24			12.70 377.79					

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