PIPE DIMENSIONS & WEIGHTS

Pipe Size (In.)	O.D. In Inches	5S	5	10S	10	20	30	40	40S STD.	60	80	80S XH	100	120	140	160	DBL XXH
1/8	0.405		0.035	0.049	0.049			0.068	0.068		0.095	0.095					
			0.1383	0.1863	0.1863			0.2447	0.2447		0.3145	0.3145					
1/4	0.54		0.049	0.065	0.065			0.088	0.088		0.119	0.119					
			0.257	0.3297	0.3297			0.4248	0.4248		0.5351	0.5351					
3/8	0.675		0.049	0.065	0.065			0.091	0.091		0.126	0.126					
			0.3276	0.4235	0.4235			0.5676	0.5676		0.7388	0.7388					
1/2	0.84	0.065	0.065	0.083	0.083			0.109	0.109		0.147	0.147				0.187	0.294
		0.5383	0.5383	0.671	0.671			0.851	0.851		1.088	1.088				1.304	1.714
3/4	1.05	0.065	0.065	0.083	0.083			0.113	0.113		0.154	0.154				0.218	0.308
		0.6838	0.6838	0.8572	0.8572			1.131	1.131		1.474	1.474				1.937	2.441
1	1.315	0.065	0.065	0.109	0.109			0.133	0.133		0.179	0.179				0.25	0.358
		0.8678	0.8678	1.404	1.404			1.679	1.679		2.172	2.172				2.844	3.659
1-1/4	1.66	0.065	0.065	0.109	0.109			0.14	0.14		0.191	0.191				0.25	0.382
		1.107	1.107	1.806	1.806			2.273	2.273		2.997	2.997				3.765	5.214
1-1/2	1.9	0.065	0.065	0.109	0.109			0.145	0.145		0.2	0.2				0.281	0.4
		1.274	1.274	2.085	2.085			2.718	2.718		3.361	3.361				4.859	6.408
2	2.375	0.065	0.065	0.109	0.109			0.154	0.154		0.218	0.218				0.343	0.436
		1.604	1.604	2.638	2.638			3.653	3.653		5.022	5.022				7.444	9.029
2-1/2	2.875	0.083	0.083	0.12	0.12			0.203	0.203		0.276	0.276				0.375	0.552
		2.475	2.475	3.531	3.531			5.793	5.793		7.661	7.661				10.01	13.7
3	3.5	0.083	0.083	0.12	0.12			0.216	0.216		0.3	300				0.438	0.6
		3.029	3.029	4.332	4.332			7.576	7.576		10.25	10.25				14.32	18.58
3-1/2	4	0.083	0.083	0.12	0.12			0.226	0.226		0.318	0.318					0.636
		3.472	3.472	4.973	4.973			9.109	9.109		12.51	12.51					22.85
4	4.5	0.083	0.083	0.12	0.12			0.237	0.237	0.281	0.337	0.337		0.438		0.531	0.674
		3.915	3.915	5.613	5.613			10.79	10.79	12.66	14.98	14.98		19.01		22.51	27.54
4-1/2	5								0.247			0.355					0.71
																	32.53
5	5.563	0.109	0.109	0.134	0.134			0.258	0.258		0.375	0.375		0.5		0.625	0.75
		6.349	6.349	7.77	7.77			14.62	14.62		20.78	20.78		27.04		32.96	38.55
6	6.625	0.109	0.109	0.134	0.134			0.28	0.28		0.432	0.432		0.562		0.719	0.864
		7.585	7.585	9.29	9.289			18.97	18.97		28.57	28.57		36.39		45.3	73.882
7	7.625								0.301			0.5					
									23.57			38.05					
8	8.625	0.109	0.109	0.148	0.148	0.25	0.277	0.322	0.322	0.406	0.5	0.5	0.594	0.719	0.812	0.906	0.875
		9.914	9.914	13.4	13.4	22.36	24.7	28.55	28.55	35.64	43.39	43.39	50.87	60.63	67.76	74.69	73.88
9	9.625								0.342			0.5					
									33.9			48.72					
10	10.75	0.134	0.134	0.165	0.165	0.25	0.307	0.365	0.365	0.5	0.593	0.5	0.719	0.844	1	1.125	1
		15.19	15.19	18.85	18.7	28.04	34.24	40.48	40.48	54.74	64.33	54.74	76.93	89.2	104.1	115.7	104.1
11	11.75								0.375			0.5					
									45.55			60.07					
12	12.75	0.156	0.165	0.18	0.18	0.25	0.33	0.406	0.375	0.562	0.687	0.5	0.844	1	1.125	1.312	1
		21.07	22.18	24.2	24.2	33.38	43.77	53.53	49.56	73.16	88.5	65.42	107.2	125.5	139.7	160.3	125.5
14	14	0.156		0.188	0.25	0.312	0.375	0.438	0.375	0.594	0.75	0.5	0.938	1.094	1.25	1.406	
		23.07		27.73	36.71	45.68	54.57	63.37	54.57	84.91	106.1	72.09	130.7	150.7	170.2	189.1	
16	16	0.165		0.188	0.25	0.312	0.375	0.5	0.375	0.656	0.843	0.5	1.031	1.219	1.438	1.594	
		27.9		31.75	42.05	52.36	62.58	82.77	62.58	107.5	136.5	82.77	164.8	192.3	223.5		
18	18	0.165		0.188	0.25	0.312	0.437	0.562	0.375	0.75	0.937	0.5	1.156	1.375	1.562	1.781	
		31.43		35.76	47.39	59.03	82.15	104.8	70.59	138.2	170.8	93.45	208	244.1	274.2	308.5	
20	20	0.188		0.218	0.25	0.375	0.5	0.594	0.375	0.812	1.031	0.5	1.28	1.5	1.75	1.969	
		39.78		46.05	52.73	78.6	104.13	122.9	78.6	166.4	208.9	104.1	256.1	296.4	341.1	379.17	
24	24	0.218		0.25	0.25	0.375	0.562	0.687	0.375	0.968	1.218	0.5	1.531	1.812	2.062	2.344	
		55.37		63.41	63.41	94.62	140.8	171.2	94.62	238.1	296.4	125.5	367.4	429.4	483.1	542.13	
26	26				0.312	0.5			0.375			0.5					
					85.6	136.2			102.6			136.2					
28	28				0.312	0.5	0.625		0.375			0.5					
					92.26	146.85	182.7		110.6			146.8					
30	30	0.25			0.312	0.5	0.625		0.375			0.5					
		81.03			98.93	157.53	196.1		118.6			157.5					
32	32				0.312	0.5	0.625	0.688	0.375			0.5					
					105.6	168.2	209.4	230.1	126.7			168.2					
34	34				0.312	0.5	0.625	0.688	0.375			0.5					
					112.25	178.9	222.8	244.8	134.7			178.9					
36	36				0.312		0.625	0.75	0.375			0.5					
					118.9		236.1	282.3	142.7			189.6					
40	40								0.375			0.5					
									158.7			210.93					
44	44								0.375			0.5					
									174.72			232.29					
48	48								0.375			0.5					
									190.74			253.65					

PLEASE NOTE:
WALL THICKNESS IS WHITE BAR
WEIGHT IS RED BAR

WEIGHT FACTORS FOR NICKEL AND OTHER ALLOYS

Titanium	0.582
Carbon Steel	0.993
Alloy 2205	0.997
Alloy 800	1.025
Alloy 825	1.039
Alloy 625	1.068
Alloy 600	1.074
Alloy C-276	1.129
Alloy 400	1.139
Nickel	1.146
Cu-Nickel 70/300	1.18

52" & LARGER - WALL THICKNESS/LBS. PER FT.

52	WT	0.375	0.5	0.625	0.75	0.875
	LBS/FT	206.76	275.01	342.93	410.51	477.76
56	WT	0.375	0.5	0.625	0.75	0.875
	LBS/FT	222.78	296.37	369.93	442.55	515.14
60	WT	0.375	0.5	0.625	0.75	0.875
	LBS/FT	238.8	317.73	396.33	474.59	552.52

WALL THICKNESS IN INCHES
STEEL WEIGHT IN LBS. PER FT.

To calculate the theoretical weight of various metals: multiply the weight of an equivalent piece of steel by the appropriate factor (see chart above).

To calculate weight per ft. for round steel tubing: (Diameter - wall) x (wall x 10.68) = Wt. per ft.