

WEIGHTS AND DIMENSIONS OF SEAMLESS AND WELDED PIPE

Nominal Pipe Size	Outside Diameter	SCHEDULE 5S		SCHEDULE 10S		SCHEDULE 10		SCHEDULE 20 -		SCHEDULE 30	
		Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.
1/8	.405			.049	.1863	.049	.1863				
1/4	.540			.065	.3297	.065	.3297				
3/8	.675			.065	.4235	.065	.4235				
1/2	.840	.065	.5383	.083	.6710	.083	.6710				
3/4	1.050	.065	.6838	.083	.8572	.083	.8572				
1	1.315	.065	.8678	.109	1.404	.109	1.404				
1-1/4	1.660	.065	1.107	.109	1.806	.109	1.806				
1-1/2	1.900	.065	1.274	.109	2.085	.109	2.085				
2	2.375	.065	1.604	.109	2.638	.109	2.638				
2-1/2	2.875	.083	2.475	.120	3.531	.120	3.531				
3	3.500	.083	3.029	.120	4.332	.120	4.332				
3-1/2	4.000	.083	3.472	.120	4.973	.120	4.973				
4	4.500	.083	3.915	.120	5.613	.120	5.613				
5	5.563	.109	6.349	.134	7.770	.134	7.770				
6	6.625	.109	7.585	.134	9.290	.134	9.290				
8	8.625	.109	9.914	.148	13.40	.148	13.40	.250	22.36	.277	24.70
10	10.750	.134	15.19	.165	18.70	.165	18.70	.250	28.04	.307	34.24
12	12.750	.156	20.98	.180	24.20	.180	24.20	.250	33.38	.330	43.77
14	14.000	.156	23.07	.188	27.73	.250	36.71	.312	45.68	.375	54.57
16	16.000	.165	27.90	.188	31.75	.250	42.05	.312	52.36	.375	62.58
18	18.000	.165	31.43	.188	35.76	.250	47.39	.312	59.03	.438	82.06
20	20.000	.188	39.78	.218	46.05	.250	52.73	.375	78.60	.500	104.1
24	24.000	.218	55.37	.250	63.41	.250	63.41	.375	94.62	.562	140.8
30	30.000	.250	79.43	.312	98.93			.500	157.53	.625	196.08

Nominal Pipe Size	Outside Diameter	SCHEDULE 40S Standard Wt.		SCHEDULE 40		SCHEDULE 60		SCHEDULE 80S EXTRA STRONG		SCHEDULE 80	
		Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.
1/8	.405	.068	.2447	.068	.2447			.095	.3145	.095	.3145
1/4	.540	.088	.4248	.088	.4248			.119	.5351	.119	.5351
3/8	.675	.091	.5676	.091	.5676			.126	.7388	.126	.7388
1/2	.840	.109	.8510	.109	.8510			.147	1.088	.147	1.088
3/4	1.050	.113	1.131	.113	1.131			.154	1.474	.154	1.474
1	1.315	.133	1.679	.133	1.679			.179	2.172	.179	2.172
1-1/4	1.660	.140	2.273	.140	2.273			.191	2.997	.191	2.997
1-1/2	1.900	.145	2.718	.145	2.718			.200	3.631	.200	3.631
2	2.375	.154	3.653	.154	3.653			.218	5.022	.218	5.022
2-1/2	2.875	.203	5.793	.203	5.793			.276	7.661	.276	7.661
3	3.500	.216	7.576	.216	7.576			.300	10.25	.300	10.25
3-1/2	4.000	.226	9.109	.226	9.109			.318	12.51	.318	12.51
4	4.500	.237	10.79	.237	10.79	.281	12.66	.337	14.98	.337	14.98
5	5.563	.258	14.62	.258	14.62			.375	20.78	.375	20.78
6	6.625	.280	18.97	.280	18.97			.432	28.57	.432	28.57
8	8.625	.322	28.55	.322	28.55	.406	35.64	.500	43.39	.500	43.39
10	10.750	.365	40.48	.365	40.48	.500	54.75	.500	54.74	.593	64.33
12	12.750	.375	49.56	.406	53.53	.562	73.16	.500	65.42	.687	88.51
14	14.000	.375	54.57	.438	63.37	.593	84.91	.500	72.09	.750	106.1
16	16.000	.375	62.58	.500	82.77	.656	107.5	.500	82.77	.843	136.5
18	18.000	.375	70.59	.562	104.8	.750	138.2	.500	93.45	.937	170.8
20	20.000	.375	78.60	.593	122.9	.812	166.4	.500	104.1	1.031	208.9
24	24.000	.375	94.62	.687	171.2	.968	238.1	.500	125.5	1.218	296.4
30	30.000	.375	118.65					.500	157.5		

Nominal Pipe Size	Outside Diameter	SCHEDULE 100		SCHEDULE 120		SCHEDULE 140		SCHEDULE 160		DOUBLE X STRONG	
		Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.	Wall Thick.	Weight Per Ft.
1/8	.405										
1/4	.540										
3/8	.675										
1/2	.840							.187	1.304	.294	1.714
3/4	1.050							.218	1.937	.308	2.441
1	1.315							.250	2.844	.358	3.659
1-1/4	1.660							.250	3.765	.382	5.214
1-1/2	1.900							.281	4.859	.400	6.408
2	2.375							.343	7.444	.436	9.020
2-1/2	2.875							.375	10.01	.552	13.70
3	3.500							.438	14.32	.600	18.58
3-1/2	4.000									.636	22.85
4	4.500			.438	19.00			.531	22.51	.674	27.54
5	5.563			.500	27.04			.625	32.96	.750	38.55
6	6.625			.562	36.39			.718	45.30	.864	53.16
8	8.625	.593	50.87	.718	60.93	.812	67.76	.906	74.69	.875	72.42
10	10.750	.718	76.93	.843	89.20	1.000	104.1	1.125	115.7		
12	12.750	.843	107.2	1.000	125.5	1.125	139.7	1.312	160.3		
14	14.000	.937	130.7	1.093	150.7	1.250	170.2	1.406	189.1		
16	16.000	1.031	164.8	1.218	192.3	1.438	223.5	1.593	245.1		
18	18.000	1.156	208.0	1.375	244.1	1.562	274.2	1.781	308.5		
20	20.000	1.281	256.1	1.500	296.4	1.750	341.1	1.968	379.0		
24	24.000	1.531	367.4	1.812	429.4	2.062	483.1	2.343	541.9		
30	30.000										

All Dimensions in inches except Wt. which is in lbs.

To calculate wt. for Nickel Alloy Pipe use factors listed below and multiply by weight per ft. shown in chart.

Nickel 200* 1.1343
Monel 400* 1.1272
Inconel 600* 1.0742
Carpenter 20 CB-3** 1.0220

* Reg. TM, International Nickel Co.
** Reg. TM, Carpenter Technology

Satterlund

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