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Titanium Pipe Weight Chart

Nominal Pipe Size (in)	Outside Diameter (in)	Schedule 5S Pipe					Schedule 10S Pipe				
		Inside Diameter (in)	Wall Thickness (in)	Weight per ft (lbs/ft)	Internal Surface Area per ft (ft ²)	Max Internal Pressure @ 100°F (psi)	Inside Diameter (in)	Wall Thickness (in)	Weight per ft (lbs/ft)	Internal Surface Area per ft (ft ²)	Max Internal Pressure @ 100°F (psi)
1/2	0.840	0.710	0.065	0.31	0.19	2062	0.674	0.083	0.39	0.18	2692
3/4	1.050	0.920	0.065	0.39	0.24	1624	0.884	0.083	0.49	0.23	2110
1	1.315	1.185	0.065	0.50	0.31	1280	1.097	0.109	0.81	0.29	2221
1-1/4	1.660	1.530	0.065	0.64	0.40	1004	1.442	0.109	1.04	0.38	1729
1-1/2	1.900	1.770	0.065	0.73	0.46	873	1.682	0.109	1.20	0.44	1498
2	2.375	2.245	0.065	0.92	0.59	693	2.157	0.109	1.52	0.56	1184
2-1/2	2.875	2.709	0.083	1.42	0.71	732	2.635	0.120	2.03	0.69	1073
3	3.500	3.334	0.083	1.74	0.87	599	3.260	0.120	2.49	0.85	875
3-1/2	4.000	3.834	0.083	2.00	1.00	522	3.760	0.120	2.86	0.98	762
4	4.500	4.334	0.083	2.25	1.13	463	4.260	0.120	3.23	1.12	675
5	5.563	5.345	0.109	3.65	1.40	492	5.295	0.134	4.47	1.39	608
6	6.625	6.407	0.109	4.36	1.68	412	6.357	0.134	5.34	1.66	509
8	8.625	8.407	0.109	5.70	2.20	315	8.329	0.148	7.71	2.18	430
10	10.750	10.482	0.134	8.74	2.74	311	10.420	0.165	10.73	2.73	384
12	12.750	12.438	0.156	12.07	3.26	305	12.390	0.180	13.90	3.24	353
14	14.000	13.625	0.188	15.91	3.57	449	13.625	0.188	15.91	3.57	449
16	16.000	15.625	0.188	18.22	4.09	392	15.625	0.188	18.22	4.09	392
18	18.000	17.625	0.188	20.52	4.61	348	17.625	0.188	20.52	4.61	348
20	20.000	19.625	0.188	22.83	5.14	313	19.500	0.250	30.34	5.11	419
24	24.000	23.500	0.250	36.49	6.15	348	23.500	0.250	36.49	6.15	348
30	30.000	29.500	0.250	45.70	7.72	278	29.375	0.313	57.01	7.69	348
36	36.000	35.500	0.250	54.92	9.29	231	35.375	0.313	68.53	9.26	290
42	42.000	41.500	0.250	64.14	10.86	198	41.375	0.313	80.05	10.83	248
48	48.000	47.500	0.250	73.36	12.44	173	47.375	0.313	91.57	12.40	217

While this information has been compiled with care, it is for convenience and for reference only and we assume no liability for any decisions based on the content therein. It shall be your responsibility to ensure that any information in this document or on our website meets your specific requirements.



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Titanium Pipe Weight Chart

Nominal Pipe Size (in)	Outside Diameter (in)	Schedule STD Pipe					Schedule XH Pipe				
		Inside Diameter (in)	Wall Thickness (in)	Weight per ft (lbs/ft)	Internal Surface Area per ft (ft ²)	Max Internal Pressure @ 100°F (psi)	Inside Diameter (in)	Wall Thickness (in)	Weight per ft (lbs/ft)	Internal Surface Area per ft (ft ²)	Max Internal Pressure @ 100°F (psi)
1/2	0.840	0.622	0.109	0.49	0.16	3654	0.546	0.147	0.63	0.14	5182
3/4	1.050	0.824	0.113	0.65	0.22	2960	0.742	0.154	0.85	0.19	4207
1	1.315	1.089	0.113	0.83	0.29	2310	0.957	0.179	1.25	0.25	3860
1-1/4	1.660	1.380	0.140	1.31	0.36	2263	1.278	0.191	1.72	0.33	3189
1-1/2	1.900	1.610	0.145	1.56	0.42	2031	1.500	0.200	2.09	0.39	2888
2	2.375	2.067	0.154	2.10	0.54	1706	1.939	0.218	2.89	0.51	2483
2-1/2	2.875	2.469	0.203	3.33	0.65	1868	2.323	0.276	4.41	0.61	2608
3	3.500	3.068	0.216	4.36	0.80	1618	2.900	0.300	5.90	0.76	2304
3-1/2	4.000	3.548	0.226	5.24	0.93	1474	3.364	0.318	7.19	0.88	2123
4	4.500	4.026	0.237	6.21	1.05	1368	3.826	0.337	8.62	1.00	1990
5	5.563	5.045	0.259	8.44	1.32	1202	4.813	0.375	11.96	1.26	1778
6	6.625	6.065	0.280	10.92	1.59	1087	5.761	0.432	16.44	1.51	1716
8	8.625	7.981	0.322	16.43	2.09	955	7.625	0.500	24.96	2.00	1514
10	10.750	10.020	0.365	23.29	2.62	866	9.750	0.500	31.49	2.55	1201
12	12.750	12.000	0.375	28.52	3.14	747	11.750	0.500	37.64	3.08	1005
14	14.000	13.250	0.375	31.40	3.47	908	13.000	0.500	41.48	3.40	1220
16	16.000	15.250	0.375	36.01	3.99	792	15.000	0.500	47.62	3.93	1064
18	18.000	17.250	0.375	40.61	4.52	703	17.000	0.500	53.77	4.45	943
20	20.000	19.250	0.375	45.22	5.04	631	19.000	0.500	59.91	4.97	846
24	24.000	23.250	0.375	54.44	6.09	525	23.000	0.500	72.20	6.02	703
30	30.000	29.250	0.375	68.27	7.66	419	29.000	0.500	90.64	7.59	560
36	36.000	35.250	0.375	82.09	9.23	348	35.000	0.500	109.07	9.16	466
42	42.000	41.250	0.375	95.92	10.80	298	41.000	0.500	127.51	10.73	399
48	48.000	47.250	0.375	109.75	12.37	261	47.000	0.500	145.94	12.30	348

Note: Maximum internal pressure is calculated per 2013 ASME VIII, div. 1, paragraph UG-27 formula (1). Material is considered to be welded pipe (SB-862-2H) up to 12" diameter. 14" and greater diameters are considered to be plate material (SB-265-2H), rolled and welded into cylinders with the longitudinal seam full RT tested. U-2a partial data report available upon request for 14" and greater diameter rolled and welded cylinders.

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