

**Titanium Pipe**

Nominal Pipe Size	Outside Diameter (OD)	SCHEDULE 5S LIGHT IPS					SCHEDULE 10S LIGHT IPS				
		Inside Diameter (ID)	Wall Thickness (T)	Weight, lbs/ft. <small>0.163</small>	Internal Area (sq. ft.)	ASME Max. Intl. Pressure 100°F (psi)	Inside Diameter (ID)	Wall Thickness (T)	Weight, lbs/ft. <small>0.163</small>	Internal Area (sq. ft.)	ASME Max. Intl. Pressure 100°F (psi)
1/2"	0.840	0.71	0.065	0.310	0.0027	1721	0.674	0.083	0.386	0.0025	2147
3/4"	1.050	0.92	0.065	0.393	0.0046	1401	0.884	0.083	0.493	0.0043	1755
1"	1.315	1.185	0.065	0.499	0.0077	1134	1.097	0.109	0.808	0.0066	1833
1-1/4"	1.660	1.53	0.065	0.637	0.0128	909	1.442	0.109	1.039	0.0113	1480
1-1/2"	1.900	1.77	0.065	0.733	0.0171	799	1.682	0.109	1.200	0.0154	1305
2"	2.375	2.245	0.065	0.923	0.0275	644	2.157	0.109	1.518	0.0254	1057
2-1/2"	2.875	2.709	0.083	1.424	0.0400	678	2.635	0.120	2.032	0.0379	966
3"	3.50	3.334	0.083	1.743	0.0606	561	3.26	0.120	2.492	0.0580	801
3-1/2"	4.00	3.834	0.083	1.998	0.0802	492	3.76	0.120	2.861	0.0771	704
4"	4.50	4.334	0.083	2.253	0.1024	439	4.26	0.120	3.230	0.0990	628
5"	5.563	5.345	0.109	3.653	0.1558	465	5.295	0.134	4.470	0.1529	569
6"	6.625	6.407	0.109	4.364	0.2239	392	6.357	0.134	5.345	0.2204	480
8"	8.625	8.407	0.109	5.704	0.3855	303	8.329	0.148	7.709	0.3784	409
10"	10.75	10.482	0.134	8.74	0.5993	299	10.42	0.165	10.732	0.5922	366
12"	12.75	12.438	0.156	12.07	0.8438	293	12.39	0.180	13.904	0.8373	337
14"	14.00	13.688	0.156	13.27	1.022	267	13.624	0.188	15.956	1.0124	321
16"	16.00	15.67	0.165	16.06	1.339	248	15.624	0.188	18.267	1.3314	282
18"	18.00	17.67	0.165	18.08	1.703	220	17.624	0.188	20.577	1.6941	251
20"	20.00	19.624	0.188	22.89	2.100	226	19.564	0.218	26.500	2.0876	262
24"	24.00	23.564	0.218	31.86	3.028	218	23.5	0.250	36.486	3.0121	250
30"	30.00	29.5	0.250	45.70	4.746	201	29.375	0.313	57.009	4.7063	250
36"	36.00	35.5	0.250	54.92	6.874	167	35.375	0.313	68.531	6.8253	209
42"	42.00	41.5	0.250	64.14	9.393	144	41.375	0.313	80.052	9.3369	179
48"	48.00	47.5	0.250	73.36	12.306	126	47.375	0.313	91.574	12.2413	157

Allowable stresses based on UTS / 3.5 per Autmn 1999 ASME Coide Revision.  
 Unalloyed titanium allowable stresses are reduced at temperatures over 100°F.  
 Allowable pressures shown in the table above are based on Formula 1 of Paragraph UG-27, Section VIII, 1998 Boiler and Pressure Vessel Code, for Grade 2 at 100°F, using E = 0.85 (welded pipe)

Manufactured to ASTM B337-95 or ASME SB 337. Welded pipe can also be supplied to ASTM B-862-95  
 Schedule 5S and 10S pipe up to 4 inches nominal size is normally supplied seamless. Larger sizes are normally supplied welded.

Pipe dimensions conform to ASTM B-337-95 for nominal sizes up to 12 inches.  
 Pipe dimensions conform to USA Standard for Stainless Stel pipe, ANSI B 36.19, Schedule 5S and 10S, for nominal sizes up to 30 inches,  
 Above 30" sizes are based on nominal OD and standard wall thickness of 12 inch pipe.  
 Titanium Pipe can be supplied in other diameters and wall thickness on special order.

## Titanium Pipe

Nominal Pipe Size	Outside Diameter (OD)	SCHEDULE 40S STANDARD IPS					SCHEDULE 80S STANDARD IPS				
		Inside Diameter (ID)	Wall Thickness (T)	Weight, lbs/ft. 0.163	Internal Area (sq. ft.)	ASME Max. Intl. Pressure 100°F (psi)	Inside Diameter (ID)	Wall Thickness (T)	Weight, lbs/ft. 0.163	Internal Area (sq. ft.)	ASME Max. Intl. Pressure 100°F (psi)
1/2"	0.840	0.622	0.109	0.490	0.0021	2729	0.546	0.147	0.626	0.0016	3516
3/4"	1.050	0.824	0.113	0.651	0.0037	2317	0.742	0.154	0.848	0.0030	3032
1"	1.315	1.049	0.133	0.966	0.0060	2193	0.957	0.179	1.250	0.0050	2844
1-1/4"	1.660	1.38	0.140	1.308	0.0104	1862	1.278	0.191	1.724	0.0089	2458
1-1/2"	1.900	1.61	0.145	1.564	0.0141	1700	1.5	0.200	2.089	0.0123	2272
2"	2.375	2.067	0.154	2.102	0.0233	1463	1.939	0.218	2.890	0.0205	2010
2-1/2"	2.875	2.469	0.203	3.333	0.0332	1582	2.323	0.276	4.408	0.0294	2093
3"	3.50	3.068	0.216	4.359	0.0513	1397	2.9	0.300	5.899	0.0459	1889
3-1/2"	4.00	3.548	0.226	5.241	0.0687	1286	3.364	0.318	7.195	0.0617	1764
4"	4.50	4.026	0.237	6.208	0.0884	1204	3.826	0.337	8.621	0.0798	1670
5"	5.563	5.047	0.258	8.411	0.1389	1068	4.813	0.375	11.955	0.1263	1516
6"	6.625	6.065	0.280	10.917	0.2006	978	5.761	0.432	16.440	0.1810	1470
8"	8.625	7.981	0.322	16.429	0.3474	869	7.625	0.500	24.964	0.3171	1318
10"	10.75	10.02	0.365	23.29	0.5476	793	9.75	0.500	31.493	0.5185	1071
12"	12.75	12	0.375	28.52	0.7854	691	11.75	0.500	37.638	0.7530	910
14"	14.00	13.25	0.375	31.40	0.958	631	13	0.500	41.478	0.9218	833
16"	16.00	15.25	0.375	36.01	1.268	554	15	0.500	47.623	1.2272	732
18"	18.00	17.25	0.375	40.61	1.623	494	17	0.500	53.768	1.5763	653
20"	20.00	19.25	0.375	45.22	2.021	446	19	0.500	59.913	1.9689	590
24"	24.00	23.25	0.375	54.44	2.948	373	23	0.500	72.203	2.8852	494
30"	30.00	29.25	0.375	68.27	4.666	299	29	0.500	90.638	4.5869	397
36"	36.00	35.25	0.375	82.09	6.777	250	35	0.500	109.073	6.6813	332
42"	42.00	41.25	0.375	95.92	9.281	215	41	0.500	127.508	9.1684	285
48"	48.00	47.25	0.375	109.75	12.177	188	47	0.500	145.943	12.0482	250

Allowable stresses based on UTS / 3.5 per Autmn 1999 ASME Coide Revision.

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Manufactured to ASTM B337-95 or ASME SB 337. Welded pipe can also be supplied to ASTM B-862-95  
Schedule 40 and schedule 80 pipe to 6 inches is normally supplied seamless. Larger sizes are usually supplied welded.

Pipe dimensions conform to ASTM B-337-95 for nominal sizes up to 12 inches.

Pipe dimensions conform to USA Standard for Stainless Stel pipe, ANSI B 36.19, Schedule 40 and 80, for nominal sizes up to 12 inches.

Above 14" sizes are based on nominal OD and standard wall thickness of 12 inch pipe.

Titanium Pipe can be supplied in other diameters and wall thickness on special order.