

STAINLESS STEEL PRESSURE PIPE WEIGHT, DIMENSIONS & THEORETICAL BURST PRESSURES

Pipe Size	OD in Inches	Pipe Schedules																
		5s	5	10s	10	20	30	40s & STD	40	60	80s & XH	80	100	120	140	160	XXH	
1/8	.405	Wall Thickness	.035	.035	.049	.049			.068	.068		.095	.095					
		Weight / Foot	.1383	.1383	.1863	.1863			.2447	.2447		.3145	.3145					
		Inside Diameter	0.335	0.335	0.37	0.37			0.269	0.269		0.215	0.215					
		Burst Pressure	12099	12099	16938	16938			23506	23506		32840	32840					
1/4	.540	Wall Thickness	.049	.049	.065	.065			.088	.088		.119	.119					
		Weight / Foot	.2570	.2570	.3297	.3297			.4248	.4248		.5341	.5341					
		Inside Diameter	0.442	0.442	0.41	0.41			0.364	0.364		.0302	.0302					
		Burst Pressure	12704	12704	16852	16852			22815	22815		30852	30852					
3/8	.675	Wall Thickness	.049	.049	.065	.065			.091	.091		.126	.126					
		Weight / Foot	0.3276	0.3276	.4235	.4235			.5676	.5676		.7388	.7388					
		Inside Diameter	0.577	0.577	0.545	0.545			0.493	0.493		0.423	0.423					
		Burst Pressure	10163	10163	13481	13481			18874	18874		26133	26133					
1/2	.840	Wall Thickness	.065	.065	.083	.083			.109	.109		.147	.147				.188	.294
		Weight / Foot	.5383	.5383	67.10	67.10			.8510	.8510		1.088	1.088				1.304	1.714
		Inside Diameter	0.71	0.71	0.674	0.674			0.622	0.622		0.546	0.546				0.464	0.252
		Burst Pressure	13481	13481	17215	17215			22607	22607		30488	30488				38993	60978
3/4	1.050	Wall Thickness	.065	.065	.083	.083			113	113		.154	.154				.219	.308
		Weight / Foot	.6838	.6838	.8572	.8572			1.131	1.131		1.474	1.474				1.94	2.441
		Inside Diameter	0.92	0.92	0.884	0.884			0.824	0.824		0.742	0.742				0.612	.0434
		Burst Pressure	8667	8667	11067	11067			15067	15067		20533	20533				29200	41067
1	1.315	Wall Thickness	.065	.065	.109	.109			.133	.133		.179	.179				.250	.358
		Weight / Foot	.8678	.8678	1.404	1.404			1.679	1.679		2.172	2.172				2.844	3.659
		Inside Diameter	1.185	1.185	1.097	1.097			1.049	1.049		0.957	0.957				0.815	0.599
		Burst Pressure	6920	6920	11005	11005			14160	14160		19057	19057				26616	38114
1-1/4	1.660	Wall Thickness	.065	.065	.109	.109			.140	.140		.191	.191				.250	.382
		Weight / Foot	1.107	1.107	1.806	1.806			2.273	2.273		2.997	2.997				3.765	5.214
		Inside Diameter	1.53	1.53	1.442	1.442			1.38	1.38		1.278	1.278				1.16	0.896
		Burst Pressure	5482	5482	9193	9193			11807	11807		16108	16108				21084	32217
1-1/2	1.900	Wall Thickness	.065	.065	.109	.109			.145	.145		.200	.200				.281	.400
		Weight / Foot	1.274	1.274	2.085	2.085			2.718	2.718		3.631	3.631				4.859	6.408
		Inside Diameter	1.77	1.77	1.682	1.682			1.61	1.61		1.5	1.5				1.338	1.1
		Burst Pressure	4789	4789	8032	8032			10684	10684		14737	14737				20705	29474

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			5s	5	10s	10	20	30	40s & STD	40	60	80s & XH	80	100	120	140	160	XXH
2	2.375	Wall Thickness	.065	.065	.109	.109			.154	.154		.218	.218				.344	.436
		Weight / Foot	1.604	1.604	2.638	2.638			3.653	3.653		5.002	5.002				7.46	9.029
		Inside Diameter	2.245	2.245	2.157	2.157			2.067	2.067		1.939	1.939				1.687	1.503
		Burst Pressure	3832	3832	6425	6425			9078	9078		12851	12851				20278	25701
2-1/2	2.875	Wall Thickness	.083	.083	.120	.120			.203	.203		.276	.276				.375	.552
		Weight / Foot	2.475	2.475	3.531	3.531			5.793	5.793		7.661	7.661				10.01	13.70
		Inside Diameter	2.709	2.709	2.835	2.835			2.469	2.469		2.323	2.323				2.125	1.771
		Burst Pressure	4042	4042	5843	5843			9885	9885		13440	13440				18261	26880
3	3.5	Wall Thickness	.083	.083	.120	.120			.261	.261		.300	.300				.438	.600
		Weight / Foot	3.029	3.029	4.332	4.332			7.576	7.576		10.25	10.25				14.32	18.58
		Inside Diameter	3.334	3.334	3.26	3.26			3.068	3.068		2.9	2.9				2.624	2.3
		Burst Pressure	3320	3320	4800	4800			8640	8640		12000	12000				17520	24000
3-1/2	4.000	Wall Thickness	.083	.083	.120	.120			.226	.226		.318	.318					.636
		Weight / Foot	3.472	3.472	4.973	4.973			9.109	9.109		12.51	12.51					22.85
		Inside Diameter	3.834	3.834	3.76	3.76			3.548	3.548		3.364	3.364					2.728
		Burst Pressure	2905	2905	4200	4200			7910	7910		11130	11130					22260
4	4.500	Wall Thickness	.083	.083	.120	.120			.237	.237	.281	.337	.337		.438		.531	.64
		Weight / Foot	3.915	3.915	5.613	5.613			10.79	10.79	12.66	14.98	14.98		19.01		22.51	27.54
		Inside Diameter	4.334	4.334	4.26	4.26			4.026	4.026	3.938	3.826	3.826		3.624		3.483	3.152
		Burst Pressure	2582	2582	3733	3733			7373	7373	8742	10484	10484		13627		16520	20969
5	5.563	Wall Thickness	.109	.109	.134	.134	.203		.258	.258		.375	.375		.500		.625	.750
		Weight / Foot	6.349	6.349	7.770	7.770	11.62		14.62	14.62		20.78	20.78		27.04		32.96	38.55
		Inside Diameter	5.345	5.345	5.295	5.295	5.157		5.047	5.047		4.813	4.813		4.563		4.313	4.063
		Burst Pressure	2743	2743	3372	3372	6109		6493	6493		9437	9437		12583		15729	18874
6	6.625	Wall Thickness	.109	.109	.134	.134	.203		.280	.280		.432	.432		.562		.719	.864
		Weight / Foot	7.585	7.585	9.29	9.29	13.92		18.97	18.97		28.57	28.57		36.39		45.35	53.16
		Inside Diameter	6.407	6.407	6.357	6.357	6.219		6.065	6.065		5.761	5.761		5.501		5.187	4.897
		Burst Pressure	2303	2303	2832	2832	4290		5917	5917		9129	9129		11876		15194	18258
8	8.625	Wall Thickness	.109	.109	.148	.148	.250	.277	.322	.322	.406	.500	.500	.594	.719	.812	.906	.875
		Weight / Foot	9.914	9.914	13.4	13.4	22.36	24.7	28.55	28.55	35.64	43.39	43.39	50.95	60.71	67.76	74.69	72.42
		Inside Diameter	8.407	8.407	8.329	8.329	8.125	8.071	7.981	7.981	7.813	7.625	7.625	7.437	7.187	7.001	6.813	6.875
		Burst Pressure	1769	1769	2402	2402	4058	4496	5227	5227	6590	8116	8116	9642	11671	13180	14706	14203

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			5s	5	10s	10	20	30	40s & STD	40	60	80s & XH	80	100	120	140	160	XXH
10	10.750	Wall Thickness	.134	.134	.165	.165	.250	.307	.365	.365	.500	.500	.594	.719	.844	1.000	1.125	1.00
		Weight / Foot	15.19	15.19	18.65	18.65	28.04	34.24	40.48	40.48	54.75	54.75	64.43	77.03	89.29	104.13	115.64	104.13
		Inside Diameter	10.428	10.428	10.42	10.42	10.25	10.136	10.02	10.02	9.75	9.75	8.562	9.312	9.062	8.75	8.5	8.75
		Burst Pressure	1745	1745	2149	2149	3256	3998	4753	4753	6512	6512	7736	9364	10992	13023	14651	13023
12	12.750	Wall Thickness	.156	.156	.180	.180	.250	.330	.375	.406	.562	.500	.688	.844	1.000	1.125	1.312	1.000
		Weight / Foot	21.07	22.18	24.17	24.17	33.38	43.77	49.56	53.53	73.16	65.42	88.63	107.32	125.5	139.7	160.3	125.5
		Inside Diameter	12.438	12.42	12.39	12.39	12.25	12.09	12	11.938	11.626	11.75	11.374	11.062	10.75	10.5	10.126	10.75
		Burst Pressure	1713	1812	1976	1976	2745	3624	4118	4458	6171	5490	7555	9267	10980	12353	14406	10980
14	14.000	Wall Thickness	.156		.188	.250	.312	.375	.375	.438	.594	.500	.750	.938	1.094	1.250	1.406	
		Weight / Foot	23.07		27.73	36.71	45.61	54.57	54.57	63.44	85.05	72.09	106.1	130.85	150.79	170.2	189.1	
		Inside Diameter	13.688		13.624	13.5	13.376	13.25	13.25	13.124	12.812	13	12.5	12.124	11.812	11.5	11.188	
		Burst Pressure	1560		1880	2500	3120	3750	3750	4380	5940	6000	7500	9380	10940	12500	14060	
16	16.000	Wall Thickness	1.65		.188	.250	.312	.375	.375	.500	.656	.500	.844	1.031	1.219	1.438	1.594	
		Weight / Foot	27.90		31.75	42.05	52.27	62.58	62.58	82.77	107.5	82.77	136.6	164.8	192.43	223.64	245.25	
		Inside Diameter	15.67		15.624	16.6	15.376	15.25	15.25	15	14.688	15	14.312	13.938	13.562	13.124	12.812	
		Burst Pressure	1444		1645	2188	2730	3281	3281	4375	5740	4375	7385	9021	10666	12583	13948	
18	18.000	Wall Thickness	.165		.188	.250	.312	.438	.375	.562	.750	.500	.938	1.156	1.375	1.562	1.781	
		Weight / Foot	31.43		35.76	47.39	58.94	82.15	70.59	104.67	138.2	93.45	170.92	208.0	244.1	274.2	308.5	
		Inside Diameter	17.67		17.624	17.5	17.376	17.124	17.26	16.876	16.5	17	16.124	15.688	15.25	14.876	14.438	
		Burst Pressure	1283		1462	1944	2427	3407	2917	4371	5833	3889	7296	8991	10894	12149	13852	
20	20.000	Wall Thickness	.188		.219	.250	.375	.500	.375	.594	.812	.500	1.031	1.281	1.500	1.750	1.969	
		Weight / Foot	39.78		46.27	52.73	78.60	104.1	78.60	123.1	166.4	104.1	208.9	256.1	296.4	341.1	379.2	
		Inside Diameter	19.624		19.682	19.5	19.25	19	19.25	18.812	18.376	19	17.938	17.438	17	16.5	16.062	
		Burst Pressure	1316		15.33	1750	2625	3500	2626	4158	5684	3500	7217	8967	10600	12250	13783	
22	22.000	Wall Thickness				.250	.375	.500	.375		.875	.500	1.125	1.375	1.625	1.875	2.125	
		Weight / Foot				58.07	86.61	114.8	86.61		197.4	114.8	250.8	302.88	353.6	403.0	451.1	
		Inside Diameter				21.6	21.25	21	21.25		20.25	21	19.75	19.25	18.75	18.25	17.75	
		Burst Pressure				1591	2386	3182	2386		5568	3182	7159	8760	10341	11932	13523	
24	24.000	Wall Thickness	.218		.250	.250	.375	.562	.375	.688	.969	.500	1.219	1.531	1.812	2.062	2.344	
		Weight / Foot	55.37		63.41	63.41	94.62	140.8	94.62	171.29	238.35	125.5	296.58	367.4	429.4	483.1	542.1	
		Inside Diameter	23.564		23.5	23.5	23.25	22.876	23.25	22.624	22.062	23	21.682	20.938	20.376	19.876	19.312	
		Burst Pressure	1272		1458	1458	2188	3278	2188	4013	5653	2917	7111	8931	10570	12028	13673	

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			5s	5	10s	10	20	30	40s & STD	40	60	80s & XH	80	100	120	140	160	XXH
26	26.000	Wall Thickness				.312	.500		.375			.500						
		Weight / Foot				85.60	136.17		102.63			136.17						
		Inside Diameter				26.378	25		25.25			25						
		Burst Pressure				1680	2692		2019			2692						
28	28.000	Wall Thickness				.312	.500	.625	.375									
		Weight / Foot				92.26	146.85	182.73	110.64									
		Inside Diameter				27.376	27	26.75	27.25									
		Burst Pressure				1560	2500	3125	1875									
30	30.000	Wall Thickness	.250		.312	.312	.500	.625	.375			.500						
		Weight / Foot	79.43		98.93	98.93	157.53	196.08	118.65			157.53						
		Inside Diameter	29.6		29.376	29.378	29	28.75	29.25			29						
		Burst Pressure	1167		1456	1456	2333	2917	1750			2333						
32	32.000	Wall Thickness				.312	.500	.625	.375	.688		.500						
		Weight / Foot				105.59	168.21	209.43	126.66	230.08		168.21						
		Inside Diameter				31.376	31	30.75	31.25	30.624		31						
		Burst Pressure				1365	2188	2734	1641	3010		2188						
34	34.000	Wall Thickness				.312	.500	.625	.375	.688		.500						
		Weight / Foot				112.25	178.89	222.78	134.67	244.77		178.89						
		Inside Diameter				33.378	33	32.75	33.25	32.624		33						
		Burst Pressure				1285	2059	2574	1544	2833		2059						
36	36.000	Wall Thickness				.312	.500	.625	.375	.750		.500						
		Weight / Foot				118.92	189.57	236.13	142.68	282.35		189.57						
		Inside Diameter				35.376	35	34.75	35.25	34.5		35						
		Burst Pressure				1213	1944	2431	1458	2917		1944						
42	42.000	Wall Thickness						.375			.500							
		Weight / Foot						166.7			221.6							
		Inside Diameter						41.26			41							
		Burst Pressure						1250			1667							
48	48.000	Wall Thickness						.375			.500							
		Weight / Foot						190.7			253.6							
		Inside Diameter						47.25			47							
		Burst Pressure						1094			1458							

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