

**ASTM A269 ASME 249 WELDED & BRIGHT ANNEALED STAINLESS
STEEL TUBING PRESSURE RATINGS (304L/316L)**

O.D.	Nom. Wall (in)	Actual O.D. (in)	Min. O.D. (in)	Max. O.D. (in)	Weight / Ft (lb)	Burst Pressure *** (PSI)	Working Pressure *** (PSI)
1/4"	0.02	0.25	0.245	0.255	0.05	12,000	3,000
	0.028	0.25	0.245	0.255	0.066	16,800	4,200
	0.035	0.25	0.245	0.255	0.077	21,000	5,250
	0.049	0.25	0.245	0.255	0.101	29,400	7,350
5/16"	0.02	0.313	0.308	0.318	0.064	9,585	2,396
	0.028	0.313	0.308	0.318	0.085	13,419	3,355
	0.035	0.313	0.308	0.318	0.099	16,773	4,193
	0.049	0.313	0.308	0.318	0.132	23,482	5,871
3/8"	0.02	0.375	0.37	0.38	0.077	8,000	2,000
	0.028	0.375	0.37	0.38	0.103	11,200	2,800
	0.035	0.375	0.37	0.38	0.121	14,000	3,500
	0.049	0.375	0.37	0.38	0.163	19,600	4,900
	0.065	0.375	0.37	0.38	0.213	26,000	6,500
7/16"	0.035	0.437	0.432	0.442	0.15	12,014	3,003
	0.065	0.437	0.432	0.442	0.256	22,311	5,578
1/2"	0.02	0.5	0.495	0.505	0.104	6,000	1,500
	0.028	0.5	0.495	0.505	0.141	8,400	2,100
	0.035	0.5	0.495	0.505	0.173	10,500	2,625
	0.049	0.5	0.495	0.505	0.235	14,700	3,675
	0.065	0.5	0.495	0.505	0.299	19,500	4,875
	0.083	0.5	0.495	0.505	0.362	24,900	6,225
	0.095	0.5	0.495	0.505	0.402	28,500	7,125
	0.109	0.5	0.495	0.505	0.447	32,700	8,175
5/8"	0.02	0.625	0.62	0.63	0.132	4,800	1,200
	0.028	0.625	0.62	0.63	0.178	6,720	1,680
	0.035	0.625	0.62	0.63	0.22	8,400	2,100
	0.042	0.625	0.623	0.628	0.268	10,080	2,520
	0.049	0.625	0.62	0.63	0.3	11,760	2,940
	0.065	0.625	0.62	0.63	0.384	15,600	3,900
	0.083	0.625	0.62	0.63	0.47	19,920	4,980
	0.095	0.625	0.62	0.63	0.524	22,800	5,700
	0.109	0.625	0.62	0.63	0.588	26,160	6,540
3/4"	0.02	0.75	0.745	0.755	0.159	4,000	1,000
	0.025	0.75	0.745	0.755	0.207	5,000	1,250
	0.028	0.75	0.745	0.755	0.215	5,600	1,400
	0.035	0.75	0.745	0.755	0.266	7,000	1,750
	0.049	0.75	0.745	0.755	0.365	9,800	2,450
	0.065	0.75	0.745	0.755	0.47	13,000	3,250
	0.083	0.75	0.745	0.755	0.577	16,600	4,150
	0.095	0.75	0.745	0.755	0.646	19,000	4,750

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	0.109	0.75	0.745	0.755	0.729	21,800	5,450
7/8"	0.02	0.875	0.87	0.88	0.186	3,429	857
	0.025	0.875	0.87	0.88	0.242	4,286	1,071
	0.028	0.875	0.87	0.88	0.252	4,800	1,200
	0.035	0.875	0.87	0.88	0.313	6,000	1,500
	0.049	0.875	0.87	0.88	0.43	8,400	2,100
	0.065	0.875	0.87	0.88	0.555	11,143	2,786
	0.083	0.875	0.87	0.88	0.685	14,229	3,557
	0.095	0.875	0.87	0.88	0.768	16,286	4,071
	0.109	0.875	0.87	0.88	0.87	18,686	4,671
1"	0.02	1	0.995	1.005	0.213	3,000	750
	0.028	1	0.995	1.005	0.289	4,200	1,050
	0.035	1	0.995	1.005	0.359	5,250	1,313
	0.049	1	0.995	1.005	0.496	7,350	1,838
	0.065	1	0.995	1.005	0.64	9,750	2,438
	0.083	1	0.995	1.005	0.792	12,450	3,113
	0.095	1	0.995	1.005	0.891	14,250	3,563
	0.109	1	0.995	1.005	1.011	16,350	4,088