

1/4" OD					
Max allowable stress at 400F (PSI)	13800	16200	15300	18000	
Material / Wall Thickness	304 welded	304 seamless	316 welded	316 Seamless	Stress Factor
0.028	2974	3491	3297	3879	0.2155
0.035	3799	4460	4212	4955	0.2753
0.049	5566	6533	6170	7259	0.4033
0.065	7580	8899	8404	9887	0.5493

5/16" OD					
Max allowable stress at 400F (PSI)	13800	16200	15300	18000	
Material / Wall Thickness	304 welded	304 seamless	316 welded	316 Seamless	Stress Factor
0.028	2346	2754	2601	3060	0.17
0.035	2760	3240	3060	3600	0.2
0.049	4278	5022	4743	5580	0.31
0.065	5796	6804	6426	7560	0.42

3/8" OD					
Max allowable stress at 400F (PSI)	13800	16200	15300	18000	
Material / Wall Thickness	304 welded	304 seamless	316 welded	316 Seamless	Stress Factor
0.028	1939	2276	2150	2529	0.1405
0.035	2458	2885	2725	3206	0.1781
0.049	3541	4157	3926	4619	0.2566
0.065	4876	5723	5405	6359	0.3533