

METRIC STAINLESS STEEL TUBE PRESSURE RATINGS



Suggested allowable working pressure for 316/316L ASTM A269 tubing at -28 to + 37 deg C, all working pressures are in bar
 Allowable working pressures are calculated from an S value of 138 MPa (20 000 psi) for EN ISO 1127 tubing
 (D4, T4 tolerance for 3 to 12 mm; D4, T3 tolerance 14 to 50 mm), at -28 to 37°C (-20 to 100°F), as listed in ASME B31.3, except as noted.

SIZE	0.8	1	1.2	1.5	1.8	2	2.2	2.5	2.8	3	3.5	4	4.5	5
3	670													
6	310	420	540	710										
8		310	390	520										
10		240	300	400	510	580								
12		200	250	330	410	470								
14		160	200	270	340	380	450							
15		150	190	250	310	360	400							
16			170	230	290	330	370	400						
18			150	200	260	290	320	370						
20			140	180	230	260	290	330	380					
22			140	160	200	230	260	300	340					
25					180	200	230	260	290	320				
28						180	200	230	260	280	330			
30						170	180	210	240	260	310			
32						160	170	200	220	240	290	330		
38							140	160	190	200	240	270	310	
50										150	180	210	240	270

High-quality, fully annealed (Type 304, 304/304L, 316, 316/316L, 317, 317/317L, 321, 347) stainless steel tubing, EN ISO 1127 or equivalent.

Hardness not to exceed 90 HRB or 200 HV. Tubing to be free of scratches, suitable for bending or flaring.