

## 316 Tube - UNS # S31600 - A213

Maximum working pressure (MWP) ratings as per ASME B31.3-2018

### METRIC SIZES

Outside Diameter (mm)	Wall Thickness (mm)	Maximum Working Pressure (PSI)	Maximum Working Pressure (BAR)
3.0	0.80	11881	819
3.0	0.50	6818	470
3.5	0.80	9850	679
3.5	0.50	5732	395
4.0	1.24	14367	991
4.0	1.00	10976	757
4.0	0.80	8411	580
4.0	0.50	4945	341
6.0	1.35	9666	667
6.0	1.25	8824	609
6.0	1.00	6818	470
6.0	0.80	5310	366
8.0	2.00	10976	757
8.0	1.50	7803	538
8.0	1.25	6338	437
8.0	1.00	4945	341
8.0	0.80	3879	268
10.0	2.00	8411	580
10.0	1.50	6054	418
10.0	1.00	3879	268
12.0	2.50	8824	609
12.0	2.00	6818	470
12.0	1.60	5310	366
12.0	1.20	3879	268
12.0	1.00	3191	220
15.0	1.60	4159	287
16.0	4.00	10976	757
16.0	3.50	9347	645
16.0	3.00	7803	538
16.0	2.50	6338	437
16.0	2.00	4945	341
16.0	1.60	3879	268
16.0	1.20	2854	197
16.0	1.00	2356	162
20.0	4.00	8411	580
20.0	3.50	7208	497
20.0	3.00	6054	418
20.0	2.50	4945	341
20.0	2.00	3879	268

Condition: Annealed  
 Temperature: To 300 degrees F

Outside Diameter (mm)	Wall Thickness (mm)	Maximum Working Pressure (PSI)	Maximum Working Pressure (BAR)
20.0	1.50	2854	197
20.0	1.00	1867	129
22.0	2.00	3502	242
22.0	1.60	2763	191
22.0	1.00	1692	117
25.0	5.00	8411	580
25.0	4.00	6510	449
25.0	3.50	5605	387
25.0	3.00	4729	326
25.0	2.50	3879	268
25.0	2.00	3056	211
25.0	1.50	2258	156
25.0	1.00	1483	102
30.0	6.00	8411	580
30.0	5.00	6818	470
30.0	4.00	5310	366
30.0	3.50	4585	316
30.0	3.00	3879	268
30.0	2.50	3191	220
30.0	2.00	2521	174
30.0	1.50	1867	129
30.0	1.00	1230	85
38.0	6.00	6413	442
38.0	5.00	5233	361
38.0	4.00	4100	283
38.0	3.50	3551	245
38.0	3.00	3013	208
38.0	2.50	2486	171
38.0	2.00	1969	136
38.0	1.50	1463	101
50.0	7.00	5605	387
50.0	6.00	4729	326
50.0	5.00	3879	268
50.0	4.00	3056	211
50.0	3.50	2654	183
50.0	3.00	2258	156
50.0	2.50	1867	129
50.0	2.00	1483	102
57.0	7.00	4850	334
57.0	6.00	4100	283
57.0	5.00	3371	232
57.0	3.50	2313	160
57.0	2.00	1296	89
76.1	5.50	2745	189
76.1	2.00	964	67

*Condition: Annealed  
Temperature: To 300 degrees F*