

316 Tube - UNS # S31600 - A269

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	11075	764
3.0	0.50	6391	441
3.5	0.80	9202	635
3.5	0.50	5380	371
4.0	1.24	13355	921
4.0	1.00	10241	706
4.0	0.80	7870	543
4.0	0.50	4645	320
6.0	1.35	9032	623
6.0	1.25	8252	569
6.0	1.00	6391	441
6.0	0.80	4985	344
8.0	2.00	10241	706
8.0	1.50	7307	504
8.0	1.25	5944	410
8.0	1.00	4645	320
8.0	0.80	3648	252
10.0	2.00	7870	543
10.0	1.50	5679	392
10.0	1.00	3648	252
12.0	2.50	8252	569
12.0	2.00	6391	441
12.0	1.60	4985	344
12.0	1.20	3648	252
12.0	1.00	3004	207
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*