

316L Tube - UNS # S31603 - 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	9921	684
3.0	0.50	5693	393
3.5	0.80	8224	567
3.5	0.50	4787	330
4.0	1.24	11996	827
4.0	1.00	9165	632
4.0	0.80	7023	484
4.0	0.50	4129	285
6.0	1.35	8071	557
6.0	1.25	7368	508
6.0	1.00	5693	393
6.0	0.80	4434	306
8.0	2.00	9165	632
8.0	1.50	6516	449
8.0	1.25	5292	365
8.0	1.00	4129	285
8.0	0.80	3239	223
10.0	2.00	7023	484
10.0	1.50	5055	349
10.0	1.00	3239	223
12.0	2.50	7368	508
12.0	2.00	5693	393
12.0	1.60	4434	306
12.0	1.20	3239	223
12.0	1.00	2665	184
15.0	1.60	9921	684
16.0	4.00	5693	393
16.0	3.50	8224	567
16.0	3.00	4787	330
16.0	2.50	11996	827
16.0	2.00	9165	632
16.0	1.60	7023	484
16.0	1.20	4129	285
16.0	1.00	8071	557
20.0	4.00	7368	508
20.0	3.50	5693	393
20.0	3.00	4434	306
20.0	2.50	9165	632
20.0	2.00	6516	449

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	2383	164
20.0	1.00	1559	108
22.0	2.00	2924	202
22.0	1.60	2307	159
22.0	1.00	1413	97
25.0	5.00	7023	484
25.0	4.00	5436	375
25.0	3.50	4680	323
25.0	3.00	3948	272
25.0	2.50	3239	223
25.0	2.00	2552	176
25.0	1.50	1885	130
25.0	1.00	1238	85
30.0	6.00	7023	484
30.0	5.00	5693	393
30.0	4.00	4434	306
30.0	3.50	3829	264
30.0	3.00	3239	223
30.0	2.50	2665	184
30.0	2.00	2105	145
30.0	1.50	1559	108
30.0	1.00	1027	71
38.0	6.00	5355	369
38.0	5.00	4369	301
38.0	4.00	3424	236
38.0	3.50	2965	205
38.0	3.00	2516	174
38.0	2.50	2076	143
38.0	2.00	1644	113
38.0	1.50	1221	84
50.0	7.00	4680	323
50.0	6.00	3948	272
50.0	5.00	3239	223
50.0	4.00	2552	176
50.0	3.50	2216	153
50.0	3.00	1885	130
50.0	2.50	1559	108
50.0	2.00	1238	85
57.0	7.00	4050	279
57.0	6.00	3424	236
57.0	5.00	2815	194
57.0	3.50	1931	133
57.0	2.00	1082	75
76.1	5.50	2292	158
76.1	2.00	805	56

*Condition: Annealed
Temperature: To 300 degrees F*