

625 Tube - UNS # N06625 – B829

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	22150	1528
3.0	0.50	12782	882
3.5	0.80	18403	1269
3.5	0.50	10759	742
4.0	1.24	26711	1842
4.0	1.00	20482	1413
4.0	0.80	15741	1086
4.0	0.50	9290	641
6.0	1.35	18064	1246
6.0	1.25	16505	1138
6.0	1.00	12782	882
6.0	0.80	9971	688
8.0	2.00	20482	1413
8.0	1.50	14613	1008
8.0	1.25	11888	820
8.0	1.00	9290	641
8.0	0.80	7296	503
10.0	2.00	15741	1086
10.0	1.50	11359	783
10.0	1.00	7296	503
12.0	2.50	16505	1138
12.0	2.00	12782	882
12.0	1.60	9971	688
12.0	1.20	7296	503
12.0	1.00	6007	414
15.0	1.60	7821	539
16.0	4.00	21951	1514
16.0	3.50	18694	1289
16.0	3.00	15607	1076
16.0	2.50	12676	874
16.0	2.00	9890	682
16.0	1.60	7759	535
16.0	1.20	5708	394
16.0	1.00	4712	325
20.0	4.00	16822	1160
20.0	3.50	14416	994
20.0	3.00	12108	835
20.0	2.50	9890	682
20.0	2.00	7759	535

Condition: Annealed
Temperature: To 200 degrees F

Outside Diameter (mm)	Wall Thickness (mm)	Maximum Working Pressure (PSI)	Maximum Working Pressure (BAR)
20.0	1.50	5708	394
20.0	1.00	3734	258
22.0	2.00	7004	483
22.0	1.60	5526	381
22.0	1.00	3383	233
25.0	5.00	16822	1160
25.0	4.00	13020	898
25.0	3.50	11210	773
25.0	3.00	9457	652
25.0	2.50	7759	535
25.0	2.00	6112	422
25.0	1.50	4515	311
25.0	1.00	2965	205
30.0	6.00	16822	1160
30.0	5.00	13636	940
30.0	4.00	10619	732
30.0	3.50	9170	632
30.0	3.00	7759	535
30.0	2.50	6383	440
30.0	2.00	5042	348
30.0	1.50	3734	258
30.0	1.00	2459	170
38.0	6.00	12827	885
38.0	5.00	10465	722
38.0	4.00	8200	566
38.0	3.50	7103	490
38.0	3.00	6027	416
38.0	2.50	4972	343
38.0	2.00	3939	272
38.0	1.50	2925	202

*Condition: Annealed
Temperature: To 200 degrees F*