

625 Tube - UNS # N06625 – B444

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

IMPERIAL SIZES

Outside Diameter (in) Fraction	Outside Diameter (in) Decimal	Wall Thickness (in)	Maximum Working Pressure (PSI)	Maximum Working Pressure (BAR)
1/8	0.1250	0.049	39322	2712
1/8	0.1250	0.035	25251	1741
1/8	0.1250	0.028	19229	1326
1/8	0.1250	0.020	13020	898
3/16	0.1875	0.049	23177	1598
3/16	0.1875	0.035	15527	1071
3/16	0.1875	0.028	12047	831
3/16	0.1875	0.020	8319	574
1/4	0.2500	0.065	23031	1588
1/4	0.2500	0.049	16431	1133
1/4	0.2500	0.035	11210	773
1/4	0.2500	0.028	8771	605
1/4	0.2500	0.020	6112	422
5/16	0.3125	0.065	17614	1215
5/16	0.3125	0.049	12726	878
5/16	0.3125	0.035	8771	605
5/16	0.3125	0.028	6896	476
5/16	0.3125	0.020	4831	333
3/8	0.3750	0.109	26467	1825
3/8	0.3750	0.083	18957	1307
3/8	0.3750	0.065	14260	983
3/8	0.3750	0.049	10385	716
3/8	0.3750	0.035	7204	497
3/8	0.3750	0.028	5681	392
3/8	0.3750	0.020	3993	275
1/2	0.5000	0.109	18618	1284
1/2	0.5000	0.083	13574	936
1/2	0.5000	0.065	10327	712
1/2	0.5000	0.049	7592	524
1/2	0.5000	0.035	5307	366
1/2	0.5000	0.028	4201	290
1/2	0.5000	0.020	2965	205
5/8	0.6250	0.109	14360	990
5/8	0.6250	0.083	10573	729
5/8	0.6250	0.065	8094	558
5/8	0.6250	0.049	5983	413
5/8	0.6250	0.035	4201	290
5/8	0.6250	0.028	3333	230
5/8	0.6250	0.020	2358	163

Condition: Annealed
Temperature: To 200 degrees F

Outside Diameter (in) Fraction	Outside Diameter (in) Decimal	Wall Thickness (in)	Maximum Working Pressure (PSI)	Maximum Working Pressure (BAR)
3/4	0.7500	0.120	13020	898
3/4	0.7500	0.109	11687	806
3/4	0.7500	0.083	8658	597
3/4	0.7500	0.065	6655	459
3/4	0.7500	0.049	4936	340
3/4	0.7500	0.035	3477	240
3/4	0.7500	0.028	2762	190
3/4	0.7500	0.020	1958	135
1	1.0000	0.156	12653	873
1	1.0000	0.120	9457	652
1	1.0000	0.109	8516	587
1	1.0000	0.083	6356	438
1	1.0000	0.065	4910	339
1	1.0000	0.049	3657	252
1	1.0000	0.035	2585	178
1	1.0000	0.028	2057	142
1	1.0000	0.020	1461	101
1-1/4	1.2500	0.156	9873	681
1-1/4	1.2500	0.120	7425	512
1-1/4	1.2500	0.109	6699	462
1-1/4	1.2500	0.083	5021	346
1-1/4	1.2500	0.065	3890	268
1-1/4	1.2500	0.049	2904	200
1-1/4	1.2500	0.035	2057	142
1-1/4	1.2500	0.028	1639	113

Condition: Annealed
 Temperature: To 200 degrees F