

625 Tube - UNS # N06625 – B829

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	36344	2506
1/8	0.1250	0.035	23518	1622
1/8	0.1250	0.028	17969	1239
1/8	0.1250	0.020	12208	842
3/16	0.1875	0.049	21611	1490
3/16	0.1875	0.035	14539	1003
3/16	0.1875	0.028	11302	779
3/16	0.1875	0.020	7821	539
1/4	0.2500	0.065	21477	1481
1/4	0.2500	0.049	15378	1061
1/4	0.2500	0.035	10522	726
1/4	0.2500	0.028	8244	569
1/4	0.2500	0.020	5753	397
5/16	0.3125	0.065	16474	1136
5/16	0.3125	0.049	11935	823
5/16	0.3125	0.035	8244	569
5/16	0.3125	0.028	6488	447
5/16	0.3125	0.020	4550	314
3/8	0.3750	0.109	24634	1699
3/8	0.3750	0.083	17717	1222
3/8	0.3750	0.065	13362	921
3/8	0.3750	0.049	9752	673
3/8	0.3750	0.035	6777	467
3/8	0.3750	0.028	5349	369
3/8	0.3750	0.020	3763	260
1/2	0.5000	0.109	17404	1200
1/2	0.5000	0.083	12724	878
1/2	0.5000	0.065	9697	669
1/2	0.5000	0.049	7140	492
1/2	0.5000	0.035	4998	345
1/2	0.5000	0.028	3959	273
1/2	0.5000	0.020	2796	193
5/8	0.6250	0.109	13455	928
5/8	0.6250	0.083	9927	685
5/8	0.6250	0.065	7610	525
5/8	0.6250	0.049	5631	388
5/8	0.6250	0.035	3959	273
5/8	0.6250	0.028	3142	217
5/8	0.6250	0.020	2224	153

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
1-1/2	1.5000	0.188	9919	684
1-1/2	1.5000	0.156	8094	558
1-1/2	1.5000	0.120	6112	422
1-1/2	1.5000	0.109	5521	381
1-1/2	1.5000	0.083	4149	286
1-1/2	1.5000	0.065	3220	222
1-1/2	1.5000	0.049	2409	166

*Condition: Annealed
Temperature: To 200 degrees F*