

825 Tube - UNS # N08825 – B163

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	22028	1519
1/8	0.1250	0.035	14200	979
1/8	0.1250	0.028	10832	747
1/8	0.1250	0.020	7347	507
3/16	0.1875	0.049	13042	899
3/16	0.1875	0.035	8755	604
3/16	0.1875	0.028	6800	469
3/16	0.1875	0.020	4700	324
1/4	0.2500	0.065	12960	894
1/4	0.2500	0.049	9263	639
1/4	0.2500	0.035	6329	436
1/4	0.2500	0.028	4955	342
1/4	0.2500	0.020	3456	238
5/16	0.3125	0.065	9926	685
5/16	0.3125	0.049	7182	495
5/16	0.3125	0.035	4955	342
5/16	0.3125	0.028	3898	269
5/16	0.3125	0.020	2732	188
3/8	0.3750	0.109	14879	1026
3/8	0.3750	0.083	10679	737
3/8	0.3750	0.065	8044	555
3/8	0.3750	0.049	5864	404
3/8	0.3750	0.035	4072	281
3/8	0.3750	0.028	3212	222
3/8	0.3750	0.020	2259	156
1/2	0.5000	0.109	10490	723
1/2	0.5000	0.083	7659	528
1/2	0.5000	0.065	5831	402
1/2	0.5000	0.049	4290	296
1/2	0.5000	0.035	3001	207
1/2	0.5000	0.028	2377	164
1/2	0.5000	0.020	1678	116
5/8	0.6250	0.109	8100	559
5/8	0.6250	0.083	5970	412
5/8	0.6250	0.065	4574	315
5/8	0.6250	0.049	3382	233
5/8	0.6250	0.035	2377	164
5/8	0.6250	0.028	1886	130
5/8	0.6250	0.020	1335	92

Condition: Annealed
Temperature: To 700 degrees F