

Tungum tube maximum working pressure (MWP) ratings as per ASME B31.3-2018

For a description and details of the calculation used to generate MWP for Tungum tube, please visit our web site at: https://www.t2alloys.com/Tungum_Tube_Pressure_Calculator.html

METRIC SIZES

T2 Stock Code	Outside Diameter (mm)	Wall Thickness (mm)	Maximum Working Pressure (PSI)	Maximum Working Pressure (BAR)
-	3.0	0.80	11963	825
-	3.0	0.50	6374	440
-	3.5	0.80	9915	684
-	3.5	0.50	5366	370
700	4.0	1.24	14599	1007
701	4.0	1.00	10827	747
-	4.0	0.80	8466	584
-	4.0	0.50	4633	320
713	6.0	1.35	9904	683
703	6.0	1.25	8962	618
702	6.0	1.00	6732	464
-	6.0	0.80	5342	368
708	8.0	2.00	11501	793
707	8.0	1.50	7937	547
714	8.0	1.25	6433	444
706	8.0	1.00	4885	337
-	8.0	0.80	3903	269
711	10.0	2.00	8796	607
710	10.0	1.50	6155	424
709	10.0	1.00	3833	264
866	12.0	2.50	9148	631
803	12.0	2.00	7121	491
802	12.0	1.60	5432	375
801	12.0	1.20	3918	270
800	12.0	1.00	3154	218
804	15.0	1.60	4253	293
810	16.0	4.00	11614	801
-	16.0	3.50	9773	674
809	16.0	3.00	8207	566
808	16.0	2.50	6561	452
807	16.0	2.00	5006	345
806	16.0	1.60	3967	274
811	16.0	1.20	2882	199
805	16.0	1.00	2329	161
819	20.0	4.00	8879	612
818	20.0	3.50	7524	519
817	20.0	3.00	6357	438
816	20.0	2.50	5115	353
815	20.0	2.00	4042	279

To perform your own calculation based on your working pressure, or Tungum tube wall thickness, please visit our web site at: https://www.t2alloys.com/Tungum_Tube_Pressure_Calculator.html

Registered Office: 200A, Ashchurch Business Centre, Alexandra Way, Tewkesbury, Glos, GL20 8TD, UK
 Tel: 00 44 (0)1684 271290 Fax: 00 44 (0)1684 291714 Email: sales@t2alloys.com

Web site: www.t2alloys.com

T2 Stock Code	Outside Diameter (mm)	Wall Thickness (mm)	Maximum Working Pressure (PSI)	Maximum Working Pressure (BAR)
814	20.0	1.50	2899	200
813	20.0	1.00	1846	127
853	22.0	2.00	3690	254
821	22.0	1.60	2864	198
820	22.0	1.00	1672	115
860	25.0	5.00	9007	621
826	25.0	4.00	6860	473
-	25.0	3.50	5843	403
825	25.0	3.00	4960	342
824	25.0	2.50	4010	277
823	25.0	2.00	3182	219
822	25.0	1.50	2293	158
834	25.0	1.00	1466	101
-	30.0	6.00	9055	624
833	30.0	5.00	7252	500
832	30.0	4.00	5556	383
831	30.0	3.50	4745	327
830	30.0	3.00	4035	278
829	30.0	2.50	3267	225
828	30.0	2.00	2595	179
827	30.0	1.50	1867	129
-	30.0	1.00	1188	82
840	38.0	6.00	6886	475
839	38.0	5.00	5556	383
838	38.0	4.00	4286	296
-	38.0	3.50	3672	253
837	38.0	3.00	3132	216
836	38.0	2.50	2544	175
870	38.0	2.00	2026	140
835	38.0	1.50	1463	101
844	50.0	7.00	6054	418
858	50.0	6.00	5066	349
843	50.0	5.00	4113	284
842	50.0	4.00	3191	220
856	50.0	3.50	2743	189
841	50.0	3.00	2345	162
851	50.0	2.50	1910	132
849	50.0	2.00	1525	105
-	57.0	7.00	5190	358
864	57.0	6.00	4348	300
-	57.0	5.00	3531	244
857	57.0	3.50	2351	162
845	57.0	2.00	1296	89
-	76.1	5.50	2891	199
868	76.1	2.00	964	67

To perform your own calculation based on your working pressure, or Tungum tube wall thickness, please visit our web site at: https://www.t2alloys.com/Tungum_Tube_Pressure_Calculator.html

Registered Office: 200A, Ashchurch Business Centre, Alexandra Way, Tewkesbury, Glos, GL20 8TD, UK
 Tel: 00 44 (0)1684 271290 Fax: 00 44 (0)1684 291714 Email: sales@t2alloys.com

Web site: www.t2alloys.com