Theoretical Burst Pressure (psi)

MARKIN™ dynamic tubing solutions
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Nominal O.D.	Outside Diameter Inch	MM	0.025" (0.635 mm) PL	Cu	AGE	0.028" (0.76 mm) PL	Cu	AGE	0.035" (0.9 mm) PL	AGE	0.039" (1mm) PL	AGE	0.042" (1.07mm) PL	AGE	0.049" (1.25 mm) PL	AGE	0.055" (1.4mm) PL	0.060" (1.5mm) PL	0.065" (1.65mm) PL	.073" (1.85mm) PL	0.080" (2.0mm) PL	0.087" (2.2MM) PL	0.090" (2.3MM) PL
5/32"	0.1563	3.97	16198			18632			24946														
3/16"	0.1875	4.76	13027			14900			19628														
6 mm	0.2362	6.00	9990			11366			14762		16834												
1/4"	0.2500	6.35	9372			1065			13797		15707												
7mm	0.2756	7.00	8408			9540			12307		13974		15269		18456								
9/32"	0.2813	7.14	8221			9325			12020		13642		14900		17992								
5/16"	0.3125	7.94	7323			8294			10651		12060		13149		15804		18222	20349	22590				
8mm	0.3150	8.00	7259			8221			10555		11950		13027		15652		18042	22353	22353				
3/8"	0.3750	9.53	6010			6793			8678		9794		10651		12722		14582	16198	17878				
10mm	0.3937	10.00				6444		6444	8222		9273		10079		10901		13762	15269	16833				
7/16"	0.4375	11.11				5753		5753	7323		8247		8954		10651		12163	13465	14809				
12mm	0.4724	12.00				5300		5300	6736		7579		8223		9765		11133	12308	13518				
1/2"	0.5000	12.70				4989		4989	6335		7123		7725		9163		10435	11526	12646				
13mm	0.5118	13.00				4867		4867	6177		6945		7530		8927		10163	11222	12308				
17/32"	0.5313	13.49				4740		4740	5934		6669		7229		8565		9744	10753	11787	13496			
15mm	0.5906	15.00				4184		4184	5299		5949		6444		7621		8656	9539	10442	11926	13270	14659	
5/8"	0.6250	15.88				3943		3943	4989		5599		6062		7163		8131	8954	9794	11174	12420	13704	
16mm	0.6299	16.00				3910		3910	4948		5552		6011		7102		8061	8877	9708	11075	12308	13578	
17mm	0.6693	17.00				3670		3670	4640		5204		5633		6649		7541	8299	9070	10335	11474	12645	
18mm	0.7087	18.00							4368		4897		5299		6251		7084	7792	8511	9689	10747	11833	
18.9mm	0.7460	18.95									4638		5017		5915		6700	7366	8042	9147	10139	11155	11598
3/4"	0.7500	19.05				3259			4115		4612		4989		5881		6661	7323	7995	9093	10078	11087	11526
13/16"	0.8125	20.64									4239		4583		5398		6110	6712	7323	8319	9211	10122	10518
22mm	0.8661	22.00									3964		4285		5043		5705	6264	6831	7754	8578	9419	9785
7/8"	0.8750	22.23									3922		4239		4989		5643	6195	6755	7667	8482	9312	9673
15/16"	0.9375	23.81									3648		3943		4637		5242	5753	6269	7110	7860	8623	8954
.990"	0.9900	25.15									3447		3724		4378		4947	5427	5912	6701	7404	8118	8428
.995"	0.9950	25.27									3429		3704		4355		4921	5398	5881	6665	7363	8073	8381
1"	1.0000	25.40													4332		4894	5369	5849	6629	7323	8029	8335
1-1/32"	1.0313	26.20													4194		4737	5196	5659	6411	7081	7761	8056
1-1/16"	1.0625	26.99													4064		4590	5033	5481	6208	6855	7512	7796
1-1/8"	1.1250	28.58													3828		4322	4737	5157	5838	6443	7057	7323
1-1/4"	1.2500	31.75													3429		3869	4239	4612	5217	5753	6296	6530
1-5/16"	1.3125	33.34													3259		3676	4027	4381	4953	5460	5973	6195
1-3/8"	1.3750	34.93													3105		3502	3835	4171	4715	5196	5683	5893
1-1/2"	1.5000	38.10													2838		3199	3502	3807	4301	4737	5179	5369

Standard Product

Contact MARKIN