

Pressure Ratings are based on system temperatures of -15°F to 400°F (-26°C to 205°C) and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

**DM
20
(NPS PIPE)
HIGH PRESSURE**

Stainless Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	6000	415	8000	552
3/8"	6000	415	8000	552
1/2"	5900	407	7866	543
3/4"	5800	400	7733	533
1"	5700	393	7600	524
1-1/4"	5650	390	7533	520
1-1/2"	5650	390	7533	520
2"	4800	330	6400	441
3"	2625	180	3500	240

Carbon Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	5000	345	6667	460
3/8"	5000	345	6667	460
1/2"	4917	339	6555	452
3/4"	4833	333	6444	444
1"	4750	328	6333	437
1-1/4"	4710	325	6278	433
1-1/2"	4710	325	6278	433
2"	4000	276	5333	368
3"	2625	180	3500	240

Copper Nickel 70/30 Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	3896	269	5195	358
3/8"	3896	269	5195	358
1/2"	3831	264	5108	352
3/4"	3766	260	5022	346
1"	3701	255	4935	340
1-1/4"	3669	253	4892	337
1-1/2"	3669	253	4892	337
2"	3117	215	4156	287

**DP
40
(NPS PIPES)
LOW PRESSURE**

Stainless Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
2-1/2"	750	52	1000	70
3"	750	52	1000	70
4"	500	35	665	45

Carbon Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
2-1/2"	750	52	1000	70
3"	750	52	1000	70
4"	500	35	665	45

Copper Nickel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
2-1/2"	188	13	250	17
3"	188	13	250	17

**DM
60
(OD TUBE)
HIGH PRESSURE**

Stainless Steel Pressure Ratings				
Size OD	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	7000	483	9333	644
3/8"	5800	400	7733	533
1/2"	6100	420	8133	561
5/8"	6100	420	8133	561
3/4"	6000	414	8000	552
1"	5800	400	7733	533
1-1/4"	5800	400	7733	533
1-1/2"	5650	390	7533	520
2"	4800	330	6400	441

Carbon Steel Pressure Ratings				
Size OD	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	5833	402	7778	536
3/8"	4833	333	6444	444
1/2"	5100	350	6778	467
5/8"	5100	350	6778	467
3/4"	5000	345	6667	460
1"	4833	333	6444	444
1-1/4"	4833	333	6444	444
1-1/2"	4710	325	6278	433
2"	4000	275	5333	368

Copper Nickel 70/30 Pressure Ratings				
Size OD	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	4545	313	6060	418
3/8"	3766	260	5022	346
1/2"	3961	273	5281	364
5/8"	3961	273	5281	364
3/4"	3896	269	5195	358
1"	3766	260	5022	346
1-1/4"	3766	260	5022	346
1-1/2"	3669	253	4892	337
2"	3117	215	4156	287

**DP
04
(METRIC TUBE CU-NI)
LOW PRESSURE**

Copper Nickel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
44.5	450	30	600	40
57	450	30	600	40

**DM
80
(METRIC TUBE)
HIGH PRESSURE**

Stainless Steel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
6	6500	450	8665	600
8	6200	430	8265	570
10	6000	415	8000	550
12	5800	400	7735	535
15	5800	400	7735	535
16	5800	400	7735	535
18	4500	310	6000	415
20	5650	390	7535	520
22	4425	305	5900	405
25	5650	390	7535	520
28	4350	300	5800	400
30	5650	390	7535	520
35	4275	295	5700	395
38	5650	390	7535	520
42	5650	390	7535	520
50	5100	350	6800	470
60	4800	330	6400	440

Carbon Steel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
6	5420	375	7225	500
8	5170	355	6890	475
10	5000	345	6670	460
12	4835	335	6445	445
15	4835	335	6445	445
16	4835	335	6445	445
18	3750	260	5000	345
20	4710	325	6280	435
22	3690	255	4920	340
25	4710	325	6280	435
28	3625	250	4835	335
30	4710	325	6280	435
35	3560	245	4750	325
38	4710	325	6280	435
42	4710	325	6280	435
50	4250	295	5670	390
60	4000	275	5335	370

Copper Nickel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
6	4220	290	5630	390
8	4025	280	5370	370
10	3895	270	5195	360
12	3765	260	5025	345
16	3765	260	5025	345
20	3670	255	4895	335
25	3670	255	4895	335
30	3670	255	4895	335
38	3670	255	4895	335
42	3670	255	4895	335