

Monel

Series 740 Monel™ Hose

Construction: Annular / Standard Pitch
 Material: Hose: Monel 400
 Braid: Monel 400
 Characteristics: Medium Weight / Medium Flexibility

Nom. I.D. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @70°F(PSIG) ^{ab}		Centerline Bend Radius (in.)		Weight per Foot (LB.)
						Working ^c	Nominal Burst	Dynamic	Static	
1/4"	740-004	0			.50	144	---			0.09
	740-1MB-004	1	24 x 4 x .016	84	.58	1,722	6,888	5.00	2.50	0.19
	740-2MB-004	2			.66	2,755	11,021			0.29
1/2"	740-008	0			.82	64	---			0.39
	740-1MB-008	1	24 x 5 x .016	72	.90	741	2,964	8.00	4.00	0.63
	740-2MB-008	2			.98	1,186	4,742			0.87
3/4"	740-012	0			1.21	156	---			0.48
	740-1MB-012	1	36 x 6 x .016	82	1.29	629	2,516	8.00	4.00	0.79
	740-2MB-012	2			1.38	1,006	4,026			1.10
1"	740-016	0			1.50	32	---			0.79
	740-1MB-016	1	36 x 8 x .016	86	1.58	517	2,068	9.00	4.50	1.00
	740-2MB-016	2			1.66	827	3,309			1.20
1-1/2"	740-024	0			2.19	16	---			0.84
	740-1MB-024	1	48 x 9 x .016	87	2.27	343	1,372	12.00	6.00	1.28
	740-2MB-024	2			2.35	549	2,195			1.72
2"	740-032	0			2.60	12	---			1.04
	740-1MB-032	1	48 x 14 x .016	97	2.59	376	1,504	15.00	7.50	1.72
	740-2MB-032	2			2.67	602	2,022			2.40
3"	740-048	0			3.78	8	---			1.21
	740-1MB-048	1	72 x 12 x .016	82	3.88	221	884	22.00	11.00	2.04
	740-2MB-048	2			3.98	354	1,414			2.87

a. Pressures listed have been reduced to account for welding as the method of attachment. Other methods such as brazing, neck-down designs or crimping will result in different pressures. Contact the factory for details.

b. For chlorine transfer applications, consult factory for additional data.

c. Test pressure is 1.5x the Maximum Working Pressure.