

740 Series Monel Hose

740 Series annular corrugated hose made with Monel 400 hose and braid is widely used for applications that require more corrosion resistance than stainless steel offers, such as chlorine transfer hoses. For chlorine transfer hoses, consult factory for additional data.

Nom. I.D. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG) ^a		Bend Radius (in.)		Weight per Foot (Lb.)
						Working ^b	Nominal Burst	Dynamic	Static	
	740-004	0			0.5	144	---			0.09
1/4"	740-1MB-004	1	24 x 4 x .016	84	0.58	1,722	6,888	5.00	2.50	0.19
	740-2MB-004	2			0.66	2,755	11,021			0.29
	740-008	0			0.82	64	---			0.39
1/2"	740-1MB-008	1	24 x 5 x .016	72	0.9	741	2,964	8.00	4.00	0.63
	740-2MB-008	2			0.98	1,186	4,742			0.87
	740-012	0			1.21	156	---			0.48
3/4"	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
	740-016	0			1.5	32	---			0.79
1"	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
	740-024	0			2.19	16	---			0.84
1-1/2"	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
	740-032	0			2.60	12	---			1.04
2"	740-1MB-032	1	48 x 14 x .016	97	2.68	376	1,504	15.00	7.50	1.72
	740-2MB-032	2			2.76	602	2,022			2.40
	740-048	0			3.78	8	---			1.21
3"	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. Test pressure is 1.5x the Maximum Allowable Working Pressure (MAWP) for single braid layer and 1.1x MAWP for multiple braid layers.

