

# Monel

## Series 740 Monel™ Hose

Construction: Annular / Standard Pitch

Material: Hose: Monel 400

Braid: Monel 400

Characteristics: Medium Weight / Medium Flexibility

Nom. I.D. (mm)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (mm)	Maximum Pressure @ 21°C (BAR) <sup>ab</sup>		Centerline Bend Radius (mm)		Weight per M (Kg)
						Working <sup>c</sup>	Nominal Burst	Dynamic	Static	
6	740-004	0			12.70	9.93	----	127.00	63.50	0.13
	740-1MB-004	1	24 x 4 x .406	84	14.73	118.73	474.91			0.28
	740-2MB-004	2			16.76	189.95	759.87			0.43
12	740-008	0			20.83	4.41	----	203.20	101.60	0.58
	740-1MB-008	1	24 x 5 x .406	72	22.86	51.09	204.36			0.94
	740-2MB-008	2			24.89	81.77	326.95			1.29
20	740-012	0			30.73	10.76	----	203.20	101.60	0.71
	740-1MB-012	1	36 x 6 x .406	82	32.77	43.37	173.47			1.18
	740-2MB-012	2			35.05	69.36	277.58			1.64
25	740-016	0			38.10	2.21	----	228.60	114.30	1.18
	740-1MB-016	1	36 x 8 x .406	86	40.13	35.65	142.58			1.49
	740-2MB-016	2			42.16	57.02	228.15			1.79
40	740-024	0			55.63	1.10	----	304.80	152.40	1.25
	740-1MB-024	1	48 x 9 x .406	87	57.66	23.65	94.60			1.90
	740-2MB-024	2			59.69	37.85	151.34			2.56
50	740-032	0			66.04	0.83	----	381.00	190.50	1.55
	740-1MB-032	1	48 x 14 x .406	97	65.79	25.92	103.70			2.56
	740-2MB-032	2			67.82	41.51	139.41			3.57
80	740-048	0			96.01	0.55	----	558.80	279.40	1.80
	740-1MB-048	1	72 x 12 x .406	82	98.55	15.24	60.95			3.04
	740-2MB-048	2			101.09	24.41	97.49			4.27

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.