

Alloy 625 Annular Corrugated Hose – Superior Resistance to a Wide Range of Corrosive Environments

Inconel™ 625 Hose

Construction: Annular / Standard Pitch

Material: Hose: Inconel alloy 625

Braid: Inconel alloy 625

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) ^a		Centerline Bend Radius (mm)		Weight per M (Kg)
						Working	Nominal Burst	Dynamic	Static	
6	625-004	0			12.19	12.41	----			0.13
	625-1IB-004	1	24 x 5 x .356	89	14.48	145.89	583.57	127.00	25.4	0.25
	625-2IB-004	2			16.26	215.46	861.84			0.39
10	625-006	0			16.00	6.89	----			0.19
	625-1IB-006	1	24 x 7 x .356	91	17.78	103.49	413.96	139.70	31.75	0.37
	625-2IB-006	2			20.57	165.54	662.17			0.54
12	625-008	0			20.83	5.52	----			0.34
	625-1IB-008	1	24 x 9 x .356	94	23.11	82.74	330.95	152.40	38.10	0.58
	625-2IB-008	2			24.89	132.38	529.52			0.82
20	625-012	0			30.73	4.83	----			0.58
	625-1IB-012	1	36 x 8 x .356	90	32.51	54.61	218.43	203.20	57.15	0.88
	625-2IB-012	2			34.29	87.36	349.50			1.18
25	625-016	0			38.35	2.76	----			0.79
	625-1IB-016	1	36 x 9 x .356	85	40.13	39.37	157.55	228.60	69.85	1.12
	625-2IB-016	2			41.91	63.02	251.93			1.46
32	625-020	0			46.99	1.72	----			1.13
	625-1IB-020	1	48 x 7 x .406	83	49.02	36.61	146.51	266.70	88.90	1.59
	625-2IB-020	2			51.31	58.61	234.28			2.04
40	625-024	0			55.63	1.38	----			1.25
	625-1IB-024	1	48 x 9 x .406	87	57.91	32.54	130.10	304.80	101.60	1.83
	625-2IB-024	2			60.20	52.06	208.29			2.43
50	625-032	0			66.04	1.03	----			1.34
	625-1IB-032	1	48 x 9 x .508	89	69.09	35.58	142.31	381.00	127.00	2.26
	625-2IB-032	2			72.14	56.95	227.66			3.18
50	625-040	0			82.04	0.83	----			1.73
	625-1IB-040	1	72 x 7 x .508	86	84.58	26.68	106.73	508.00	203.20	2.77
	625-2IB-040	2			87.12	42.68	170.78			3.81
80	625-048	0			96.01	0.69	----			1.80
	625-1IB-048	1	72 x 8 x .508	85	98.55	21.79	87.15	558.80	228.60	2.98
	625-2IB-048	2			101.09	34.89	139.41			4.17
100	625-064	0			123.19	0.55	----			2.51
	625-1IB-064	1	72 x 10 x .508	84	126.49	16.00	63.91	685.80	330.20	3.99
	625-2IB-064	2			129.54	25.58	102.39			5.48

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 Working Pressure.