

625 Series Inconel Hose

625 Series annular corrugated hose is used for corrosive applications and where operating or ambient temperatures are especially high.

Nom. I. D. (mm)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (mm)	Maximum Pressure @ 21°C (BAR) ^a		Bend Radius (mm)		Weight per Meter (Kg)
						Working ^b	Nominal Burst	Dynamic	Static	
	625-004	0			12.19	12.41	---			0.13
6	625-11B-004	1	24 x 5 x .356	89	14.48	145.89	583.57	127.00	25.40	0.25
	625-21B-004	2			16.26	215.46	861.84			0.39
	625-006	0			16.00	6.89	---			0.19
10	625-11B-006	1	24 x 8 x .356	97	17.78	103.49	413.96	139.70	31.75	0.40
	625-21B-006	2			20.57	165.54	662.17			0.61
	625-008	0			20.83	5.52	---			0.34
12	625-11B-008	1	24 x 9 x .356	94	22.61	74.12	296.54	152.40	38.10	0.58
	625-21B-008	2			24.38	118.59	474.36			0.80
	625-012	0			30.73	4.83	---			0.58
20	625-11B-012	1	36 x 9 x .356	94	32.51	54.61	218.43	203.20	57.15	0.92
	625-21B-012	2			34.29	87.36	349.50			1.28
	625-016	0			38.35	2.76	---			0.79
25	625-11B-016	1	36 x 10 x .356	91	40.13	39.37	157.55	228.60	69.85	1.18
	625-21B-016	2			41.91	63.02	251.93			1.56
	625-020	0			46.99	1.72	---			1.13
32	625-11B-020	1	48 x 7 x .406	83	49.02	36.61	146.51	266.70	88.90	1.59
	625-21B-020	2			51.31	58.61	234.28			2.04
	625-024	0			55.63	1.38	---			1.25
40	625-11B-024	1	48 x 10 x .460	92	57.91	32.54	130.10	304.80	101.60	1.92
	625-21B-024	2			60.20	52.06	208.29			2.59
	625-032	0			66.04	1.03	---			1.34
50	625-11B-032	1	48 x 10 x .508	95	69.09	35.58	142.31	381.00	127.00	2.40
	625-21B-032	2			72.14	56.95	227.66			3.44
	625-040	0			82.04	0.83	---			1.73
65	625-11B-040	1	72 x 8 x .508	93	84.58	26.68	106.73	508.00	203.20	2.99
	625-21B-040	2			87.12	42.68	170.78			4.24
	625-048	0			96.01	0.69	---			1.80
80	625-11B-048	1	72 x 9 x .508	93	98.55	21.79	87.15	558.80	228.60	3.21
	625-21B-048	2			101.09	34.89	139.41			4.64
	625-064	0			123.19	0.55	---			2.51
100	625-11B-064	1	72 x 11 x .508	89	126.49	16.00	63.91	685.80	330.20	3.99
	625-21B-064	2			129.54	25.58	102.39			5.98
	625-096	0			174.50	0.34	---			5.16
150	625-11B-096	1	96 x 12 x .508	90	180.34	11.38	45.51	914.40	482.60	7.57
	625-21B-096	2			186.18	18.20	72.81			9.99
	625-128	0			230.89	0.41	---			8.27
200	625-11B-128	1	96 x (21 x .610)	96	233.43	16.13	64.40	1,016.00	508.00	14.11
	625-21B-128	2			235.71	25.79	103.08			19.94

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.

