

# 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. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG) <sup>a</sup>		Bend Radius (in.)		Weight per Foot (Lb.)
						Working <sup>b</sup>	Nominal Burst	Dynamic	Static	
	625-004	0			0.48	180	---			0.09
1/4"	625-11B-004	1	24 x 5 x .014	89	0.57	2,116	8,464	5	1	0.17
	625-21B-004	2			0.64	3,125	12,500			0.26
	625-006	0			0.63	100	---			0.13
3/8"	625-11B-006	1	24 x 8 x .014	97	0.70	1,501	6,004	5.5	1.25	0.27
	625-21B-006	2			0.81	2,401	9,604			0.41
	625-008	0			0.82	80	---			0.23
1/2"	625-11B-008	1	24 x 9 x .014	94	0.89	1,075	4,301	6	1.5	0.39
	625-21B-008	2			0.96	1,720	6,880			0.54
	625-012	0			1.21	70	---			0.39
3/4"	625-11B-012	1	36 x 9 x .014	94	1.28	792	3,168	8	2.25	0.62
	625-21B-012	2			1.35	1,267	5,069			0.86
	625-016	0			1.51	40	---			0.53
1"	625-11B-016	1	36 x 10 x .014	91	1.58	571	2,285	9	2.75	0.79
	625-21B-016	2			1.65	914	3,654			1.05
	625-020	0			1.85	25	---			0.76
1-1/4"	625-11B-020	1	48 x 7 x .016	83	1.93	531	2,125	10.5	3.5	1.07
	625-21B-020	2			2.02	850	3,398			1.37
	625-024	0			2.19	20	---			0.84
1-1/2"	625-11B-024	1	48 x 10 x .016	92	2.28	472	1,887	12	4	1.29
	625-21B-024	2			2.37	755	3,021			1.74
	625-032	0			2.60	15	---			0.90
2"	625-11B-032	1	48 x 10 x .020	95	2.72	516	2,064	15	5	1.61
	625-21B-032	2			2.84	826	3,302			2.31
	625-040	0			3.23	12	---			1.16
2-1/2"	625-11B-040	1	72 x 8 x .020	93	3.33	387	1,548	20	8	2.01
	625-21B-040	2			3.43	619	2,477			2.85
	625-048	0			3.78	10	---			1.21
3"	625-11B-048	1	72 x 9 x .020	93	3.88	316	1,264	22	9	2.16
	625-21B-048	2			3.98	506	2,022			3.12
	625-064	0			4.85	8	---			1.69
4"	625-11B-064	1	72 x 11 x .020	89	4.98	232	927	27	13	2.68
	625-21B-064	2			5.10	371	1,485			4.02
	625-096	0			6.87	5	---			3.47
6"	625-11B-096	1	96 x 12 x .020	90	7.10	165	660	36	19	5.09
	625-21B-096	2			7.33	264	1,056			6.71
	625-128	0			9.09	6	---			5.56
8"	625-11B-128	1	96 x (21 x .024)	96	9.19	234	934	40	20	9.48
	625-21B-128	2			9.28	374	1,495			13.40

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.

