

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. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG) ^a		Minimum Bend Radius (in.)		Weight per Foot (LB.)
						Working ^b	Nominal Burst	Dynamic	Static	
1/4"	625-004	0			.48	180	---	5.00	1.00	0.09
	625-11B-004	1	24 x 5 x .014	89	.57	2,116	8,464			0.17
	625-21B-004	2			.64	3,125	12,500			0.26
3/8"	625-006	0			.63	100	---	5.50	1.25	0.13
	625-11B-006	1	24 x 7 x .014	91	.70	1,501	6,004			0.25
	625-21B-006	2			.81	2,401	9,604			0.36
1/2"	625-008	0			.82	80	---	6.00	1.50	0.23
	625-11B-008	1	24 x 7 x .014	82	.89	1,075	4,301			0.34
	625-21B-008	2			.96	1,720	6,880			0.46
3/4"	625-012	0			1.21	70	---	8.00	2.25	0.39
	625-11B-012	1	36 x 8 x .014	90	1.28	792	3,168			0.59
	625-21B-012	2			1.35	1,267	5,069			0.79
1"	625-016	0			1.51	40	---	9.00	2.75	0.53
	625-11B-016	1	36 x 9 x .014	85	1.58	571	2,285			0.75
	625-21B-016	2			1.65	914	3,654			0.98
1-1/4"	625-020	0			1.85	25	---	10.50	3.50	0.76
	625-11B-020	1	48 x 7 x .016	83	1.93	531	2,125			1.07
	625-21B-020	2			2.02	850	3,398			1.37
1-1/2"	625-024	0			2.19	20	---	12.00	4.00	0.84
	625-11B-024	1	48 x 9 x .016	87	2.28	472	1,887			1.23
	625-21B-024	2			2.37	755	3,021			1.63
2"	625-032	0			2.60	15	---	15.00	5.00	0.90
	625-11B-032	1	48 x 9 x .020	89	2.72	516	2,064			1.52
	625-21B-032	2			2.84	826	3,302			2.14
2-1/2"	625-040	0			3.23	12	---	20.00	8.00	1.16
	625-11B-040	1	72 x 7 x .020	86	3.33	387	1,548			1.86
	625-21B-040	2			3.43	619	2,477			2.56
3"	625-048	0			3.78	10	---	22.00	9.00	1.21
	625-11B-048	1	72 x 8 x .020	85	3.88	316	1,264			2.00
	625-21B-048	2			3.98	506	2,022			2.80
4"	625-064	0			4.85	8	---	27.00	13.00	1.69
	625-11B-064	1	72 x 10 x .020	84	4.98	232	927			2.68
	625-21B-064	2			5.10	371	1,485			3.68

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.