

# 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) <sup>a</sup>		Centerline Bend Radius (in.)		Weight per Foot (LB.)
						Working	Nominal Burst	Dynamic	Static	
1/4"	625-004	0			.48	180	----			0.09
	625-11B-004	1	24 x 5 x .014	89	.57	2,116	8,464	5.00	1.00	0.17
	625-21B-004	2			.64	3,125	12,500			0.26
3/8"	625-006	0			.63	100	----			0.13
	625-11B-006	1	24 x 7 x .014	91	.70	1,501	6,004	5.50	1.25	0.25
	625-21B-006	2			.81	2,401	9,604			0.36
1/2"	625-008	0			.82	80	----			0.23
	625-11B-008	1	24 x 9 x .014	94	.91	1,200	4,800	6.00	1.50	0.39
	625-21B-008	2			.98	1,920	7,680			0.55
3/4"	625-012	0			1.21	70	----			0.39
	625-11B-012	1	36 x 8 x .014	90	1.28	792	3,168	8.00	2.25	0.59
	625-21B-012	2			1.35	1,267	5,069			0.79
1"	625-016	0			1.51	40	----			0.53
	625-11B-016	1	36 x 9 x .014	85	1.58	571	2,285	9.00	2.75	0.75
	625-21B-016	2			1.65	914	3,654			0.98
1-1/4"	625-020	0			1.85	25	----			0.76
	625-11B-020	1	48 x 7 x .016	83	1.93	531	2,125	10.50	3.50	1.07
	625-21B-020	2			2.02	850	3,398			1.37
1-1/2"	625-024	0			2.19	20	----			0.84
	625-11B-024	1	48 x 9 x .016	87	2.28	472	1,887	12.00	4.00	1.23
	625-21B-024	2			2.37	755	3,021			1.63
2"	625-032	0			2.60	15	----			0.90
	625-11B-032	1	48 x 9 x .020	89	2.72	516	2,064	15.00	5.00	1.52
	625-21B-032	2			2.84	826	3,302			2.14
2-1/2"	625-040	0			3.23	12	----			1.16
	625-11B-040	1	72 x 7 x .020	86	3.33	387	1,548	20.00	8.00	1.86
	625-21B-040	2			3.43	619	2,477			2.56
3"	625-048	0			3.78	10	----			1.21
	625-11B-048	1	72 x 8 x .020	85	3.88	316	1,264	22.00	9.00	2.00
	625-21B-048	2			3.98	506	2,022			2.80
4"	625-064	0			4.85	8	----			1.69
	625-11B-064	1	72 x 10 x .020	84	4.98	232	927	27.00	13.00	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.