776 Series Hastelloy Hose

776 Series is a high-quality industrial hose made from Hastelloy C276 which is among the most corrosion resistant alloys currently available. This annular corrugated hose is commonly used in power generation, steelmaking, chemical manufacturing, and oil & gas.

Nom. I.D (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG)[a]		Bend Radius (in.)		Weight per Foot (Lb.)
						Working[b]	Nominal Burst	Dynamic	Static	
	776-008	0			0.82	80	----			0.25
1/2"	776-1SBX-C276-008	1	24 x 8 x .016	94	0.89	1,075	4,301	5.00	2.50	0.43
	776-2SBX-C276-008	2			0.96	1,720	6,880			0.60
	776-012	0			1.21	70	----			0.43
3/4"	776-1SBX-C276-012	1	36 x 8 x .016	95	1.28	792	3,168	6.00	3.00	0.69
	776-2SBX-C276-012	2			1.35	1,267	5,069			0.96
	776-016	0			1.51	40	----			0.58
1"	776-1SBX-C276-016	1	36 x 10 x .016	95	1.58	571	2,285	7.30	3.65	0.91
	776-2SBX-C276-016	2			1.65	916	3,664			1.24
	776-024	0			2.19	20	----			0.92
1-1/2"	776-1SBX-C276-024	1	48 x 8 x .020	92	2.28	472	1,887	8.60	4.30	1.47
	776-2SBX-C276-024	2			2.37	755	3,021			2.02
	776-032	0			2.60	15	----			1.00
2"	776-1SBX-C276-032	1	48 x 10 x .020	93	2.72	516	2,064	12.00	6.00	1.67
	776-2SBX-C276-032	2			2.84	826	3,302			2.33
	776-048	0			3.78	10	----			1.21
3"	776-1SBX-C276-048	1	72 x 9 .020	85	3.88	316	1,264	22.00	9.00	2.23
	776-2SBX-C276-048	2			3.98	506	2,022			3.26
	776-064	0			4.85	8	----			1.69
4"	776-1SBX-C276-064	1	72 x 11 x .020	89	4.98	232	927	27.00	13.00	2.94
	776-2SBX-C276-064	2			5.10	371	1,485			4.19
	776-096	0			6.87	5	----			3.47
6"	776-1SBX-C276-096	1	72 x 10 x .025	90	7.10	165	660	36.00	19.00	5.25
	776-2SBX-C276-096	2			7.33	264	1,056			7.03
	776-128	0			9.09	6	----			5.56
8"	776-1SBX-C276-128	1	96 x (21 x .024)	96	9.19	234	934	40.00	20.00	9.44
	776-2SBX-C276-128	2			9.28	374	1,495			13.36

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.