

# Alloy C276 Annular Corrugated Hose – Designed for the Most Aggressive Media Applications

## Hastelloy™ C276 Braided Hose Data

Hastelloy C276 metal hose is a high quality industrial hose made of the alloy which is among the most corrosion resistant alloys currently available. This hose is commonly used in Power Generation, Steel, Chemical, Oil and Gas & other industries.

Construction: Annular / Standard Pitch  
 Material: Hose: Hastelloy C276  
 Braid: Hastelloy C276  
 Characteristics: Medium Weight / Medium Flexibility

Nom.I.D. (in.)	Part Number	Braids	Braid Construction	Braid Coverage (%)	Nom.O.D. (in.)	Maximum Pressure 70°F(PSIG) <sup>a</sup>		Minimum Bend Radius (in.)		Weight per Foot (LB.)
						Working <sup>b</sup>	Nominal Burst	Dynamic	Static	
1/2"	776-008	0			0.82	80	----			0.25
	776-1SBX-C276-008	1	24 x 8 x .016	82	0.89	1,075	4,301	5.00	2.50	0.38
	776-2SBX-C276-008	2			0.96	1,720	6,880			0.51
3/4"	776-012	0			1.21	70	----			0.43
	776-1SBX-C276-012	1	36 x 8 x .016	90	1.28	792	3,168	6.00	3.00	0.65
	776-2SBX-C276-012	2			1.35	1,267	5,069			0.87
1"	776-016	0			1.51	40	----			0.58
	776-1SBX-C276-016	1	36 x 10 x .016	85	1.58	571	2,285	7.30	3.65	0.83
	776-2SBX-C276-016	2			1.65	916	3,664			1.08
1-1/2"	776-024	0			2.19	20	----			0.92
	776-1SBX-C276-024	1	48 x 8 x .020	87	2.28	472	1,887	8.60	4.30	1.35
	776-2SBX-C276-024	2			2.37	755	3,021			1.79
2"	776-032	0			2.60	15	----			1.00
	776-1SBX-C276-032	1	48 x 10 x .020	89	2.72	516	2,064	12.00	6.00	1.67
	776-2SBX-C276-032	2			2.84	826	3,302			2.35
3"	776-048	0			3.78	10	----			1.21
	776-2SBX-C276-048	1	72 x 8 x .020	85	3.88	316	1,264	22.00	9.00	2.00
	776-2SBX-C276-048	2			3.98	506	2,022			2.80
4"	776-064	0			4.85	8	----			1.69
	776-2SBX-C276-064	1	72 x 10 x .020	84	4.98	232	927	27.00	13.00	2.68
	776-2SBX-C276-064	2			5.10	371	1,485			3.68
6"	776-096	0			6.87	5	----			3.47
	776-2SBX-C276-096	1	96 x 12 x .020	90	7.10	165	660	36.00	19.00	4.75
	776-2SBX-C276-096	2			7.33	264	1,056			6.04

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.