

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. ID. (mm)	Part Number	Braids	Braid Construction	Braid Coverage (%)	Nom. O.D. (mm)	Maximum Pressure 21°C (BAR) ^a		Bend Radius (mm)		Weight per M (Kg)
						Working ^b	Nominal Burst	Dynamic	Static	
12	776-008	0			20.83	5.52	---			0.37
	776-1SBX-C276-008	1	24 x 8 x 406	82	22.61	74.12	296.54	127.00	63.50	0.57
	776-2SBX-C276-008	2			24.38	118.59	474.36			0.76
20	776-012	0			30.73	4.83	---			0.64
	776-1SBX-C276-012	1	36 x 8 x 406	90	32.51	54.61	218.43	152.40	76.20	0.97
	776-2SBX-C276-012	2			34.29	87.36	349.50			1.29
25	776-016	0			38.35	2.76	---			0.86
	776-1SBX-C276-016	1	36 x 10 x 406	85	40.13	39.37	157.55	185.42	92.71	1.24
	776-2SBX-C276-016	2			41.91	63.16	252.62			1.61
40	776-024	0			55.63	1.38	---			1.37
	776-1SBX-C276-024	1	48 x 8 x 508	87	57.91	32.54	130.10	218.44	109.22	2.01
	776-2SBX-C276-024	2			60.20	52.06	208.29			2.66
50	776-032	0			66.04	1.03	---			1.49
	776-1SBX-C276-032	1	48 x 10 x 508	89	69.09	35.58	142.31	304.80	152.40	2.49
	776-2SBX-C276-032	2			72.14	56.95	227.66			3.50
80	7xx-048	0			96.01	0.69	---			1.8
	7xx-1SB-048	1	72 x 8 x 508	85	98.55	21.79	87.15	558.8	228.6	2.98
	7xx-2SB-048	2			101.09	34.89	139.41			4.17
100	7xx-064	0			123.19	0.55	---			2.51
	7xx-1SB-064	1	72 x 10 x 508	84	126.49	16.00	63.91	685.8	330.2	3.99
	7xx-2SB-064	2			129.54	25.58	102.39			5.48
150	7xx-096	0			174.50	0.34	---			5.16
	7xx-1SB-096	1	96 x 12 x 508	90	180.34	11.38	45.51	914.4	482.6	7.07
	7xx-2SB-096	2			186.18	18.20	72.81			8.99

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.

c. Series 776 is available with alternate 316L Braid. Use part number 776-1SB-6-XXX or 776-2SB-6-XXX. For 316L, braid pressures remain the same as published above.