

Compressed 700 Series Stainless Steel Hose

700 Series is Penflex's oldest product line and one of the most widely used annular corrugated metal hoses in the industry. With an excellent combination of wall thickness and pressure capability, 700 Series is reliable, easily fabricated, and suitable for most applications.

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	
	C7xx-080	0			5.9	6	---			3.28
5"	C7xx-1SB-080	1	72 x 8 x .025	74	6.03	191	764	25.00	14.60	4.53
	C7xx-2SB-080	2			6.15	306	1,222			5.78
	C7xx-096	0			6.87	5	---			3.99
6"	C7xx-1SB-096	1	96 x 12 x .020	90	7.1	165	660	28.20	15.60	5.27
	C7xx-2SB-096	2			7.33	264	1,056			6.55
	7xx-128-FC	0			9.12	6	---			7.30
8"	7xx-1SB-128-FC	1	96 x 21 x .024	96	9.22	234	934	35.00	18.00	11.18
	7xx-2SB-128-FC	2			9.31	374	1,495			15.06
	7xx-160-FC	0			11.18	5	---			13.39
10"	7xx-1SB-160-FC	1	96 x 25 x .028	98	11.32	230	918	36.00	18.00	19.49
	7xx-2SB-160-FC	2			11.45	367	1,469			25.59
	7xx-192-FC	0			13.17	3	---			15.36
12"	7xx-1SB-192-FC	1	96 x 25 x .028	97	13.31	161	643	38.00	19.00	21.17
	7xx-2SB-192-FC	2			13.44	257	1,029			26.98

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.

