

400 Series Stainless Steel Hose

400 Series is Penflex's only helical hose product. While still used in many applications where self-draining is a desired feature, increasingly P3 is used for ease of fabrication.

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	
	4xx-004	0			0.43	180	---			0.06
1/4"	4xx-1HHB-004	1	24 x 6 x .012	94	0.50	1,987	7,950	5.00	1.00	0.14
	4xx-2HHB-004	2			0.58	3,125	12,500			0.22
	4xx-006	0			0.59	100	---			0.11
3/8"	4xx-1HHB-006	1	24 x 8 x .012	94	0.66	1,750	7,000	5.50	1.00	0.21
	4xx-2HHB-006	2			0.74	2,800	11,200			0.32
	4xx-008	0			0.73	80	---			0.14
1/2"	4xx-1HHB-008	1	24 x 8 x .012	87	0.80	1,100	4,400	6.50	1.50	0.24
	4xx-2HHB-008	2			0.87	1,760	7,040			0.34
	4xx-012	0			1.00	52	---			0.22
3/4"	4xx-1HHB-012	1	36 x 8 x .012	91	1.07	825	3,300	8.00	1.50	0.37
	4xx-2HHB-012	2			1.15	1,320	5,280			0.52
	4xx-016	0			1.28	30	---			0.28
1"	4xx-1HHB-016	1	36 x 8 x .016	93	1.37	800	3,200	8.75	1.75	0.54
	4xx-2HHB-016	2			1.46	1,280	5,120			0.81

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.

