

# P4 Series Stainless Steel Hose

The combination of wall thickness and pressure ratings make P4 annular corrugated hose an ideal solution for most applications. Penflex's unique ability to form heavier wall hoses ensures longer hose life when there is corrosive media present or in applications that require periodic replacement for safety.

**ISO 10380  
QUALIFIED**

Nom. I.D. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG) <sup>a</sup>		Bend Radius (in.)		Weight per Foot (Lb.)
						Working <sup>b</sup>	Nominal Burst	Dynamic	Static	
	40xx-004	0			0.4	200	---			0.08
1/4"	P4-H40xx-B40xx-004	1	24 x 5 x .014	98	0.48	2,500	10,000	5.00	1.00	0.17
	P4-H40xx-2B40xx-004	2			0.56	3,375	13,500			0.26
	40xx-005	0			0.48	180	---			0.09
5/16"	P4-H40xx-B40xx-005	1	24 x 6 x .014	98	0.57	2,300	9,200	5.00	1.00	0.19
	P4-H40xx-2B40xx-005	2			0.64	3,680	14,080			0.29
	40xx-006	0			0.63	100	---			0.13
3/8"	P4-H40xx-B40xx-006	1	24 x 8 x .014	98	0.7	1,680	6,720	5.50	1.25	0.27
	P4-H40xx-2B40xx-006	2			0.81	2,700	10,742			0.41
	40xx-008	0			0.84	80	---			0.23
1/2"	P4-H40xx-B40xx-008	1	24 x 9 x .014	94	0.91	1,240	4,960	6.00	1.50	0.39
	P4-H40xx-2B40xx-008	2			0.98	1,980	7,920			0.55
	40xx-012	0			1.21	70	---			0.39
3/4"	P4-H40xx-B40xx-012	1	36 x 9 x .014	95	1.28	940	3,760	8.00	2.25	0.62
	P4-H40xx-2B40xx-012	2			1.35	1,500	6,000			0.85
	40xx-016	0			1.51	40	---			0.53
1"	P4-H40xx-B40xx-016	1	36 x 10 x .014	92	1.58	630	2,520	9.00	2.75	0.79
	P4-H40xx-2B40xx-016	2			1.65	1,000	4,000			1.05
	40xx-020	0			1.85	25	---			0.76
1-1/4"	P4-H40xx-B40xx-020	1	48 x 8 x .016	92	1.93	575	2,300	10.50	3.50	1.12
	P4-H40xx-2B40xx-020	2			2.02	920	3,680			1.48
	40xx-024	0			2.19	20	---			0.84
1-1/2"	P4-H40xx-B40xx-024	1	48 x 10 x .016	93	2.28	500	2,000	12.00	4.00	1.29
	P4-H40xx-2B40xx-024	2			2.37	800	3,200			1.74
	40xx-032	0			2.61	15	---			0.9
2"	P4-H40xx-B40xx-032	1	48 x 10 x .020	95	2.73	532	2,128	15.00	5.00	1.61
	P4-H40xx-2B40xx-032	2			2.85	850	3,400			2.33
	40xx-040	0			3.23	12	---			1.16
2-1/2"	P4-H40xx-B40xx-040	1	72 x 8 x .020	94	3.33	500	2,000	20.00	8.00	1.86
	P4-H40xx-2B40xx-040	2			3.43	700	2,800			2.56
	40xx-048	0			3.78	10	---			1.21
3"	P4-H40xx-B40xx-048	1	72 x 9 x .020	93	3.88	400	1,600	22.00	9.00	2.0
	P4-H40xx-2B40xx-048	2			3.98	600	2,400			2.8
	40xx-064	0			4.85	8	---			1.69
4"	P4-H40xx-B40xx-064	1	72 x 11 x .020	91	4.98	300	1,200	27.00	13.00	2.68
	P4-H40xx-2B40xx-064	2			5.08	444	1,776			3.68

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.