

# 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. (mm)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (mm)	Maximum Pressure @ 21°C (BAR) <sup>a</sup>		Bend Radius (mm)		Weight per Meter (Kg)
						Working <sup>b</sup>	Nominal Burst	Dynamic	Static	
	40xx-004	0			10.16	13.79	---			0.12
6	P4-H40xx-B40xx-004	1	24 x 5 x .356	98	12.19	172.37	689.48	127.00	25.40	0.25
	P4-H40xx-2B40xx-004	2			14.22	232.70	930.79			0.39
	40xx-005	0			12.19	12.41	---			0.13
8	P4-H40xx-B40xx-005	1	24 x 6 x .356	98	14.48	158.58	634.32	127.00	25.40	0.28
	P4-H40xx-2B40xx-005	2			16.26	253.73	1014.91			0.43
	40xx-006	0			16.00	6.89	---			0.19
10	P4-H40xx-B40xx-006	1	24 x 8 x .356	98	17.78	115.83	463.33	139.70	31.75	0.40
	P4-H40xx-2B40xx-006	2			20.57	186.16	740.63			0.61
	40xx-008	0			21.34	5.52	---			0.34
12	P4-H40xx-B40xx-008	1	24 x 9 x .356	94	23.11	85.49	341.98	152.40	38.10	0.58
	P4-H40xx-2B40xx-008	2			24.89	136.52	546.06			0.82
	40xx-012	0			30.73	4.83	---			0.58
20	P4-H40xx-B40xx-012	1	36 x 9 x .356	95	32.51	64.81	259.24	203.20	57.15	0.92
	P4-H40xx-2B40xx-012	2			34.29	103.42	413.69			1.26
	40xx-016	0			38.35	2.76	---			0.79
25	P4-H40xx-B40xx-016	1	36 x 10 x .356	92	40.13	43.44	173.75	228.60	69.85	1.18
	P4-H40xx-2B40xx-016	2			41.91	68.95	275.79			1.56
	40xx-020	0			46.99	1.72	---			1.13
32	P4-H40xx-B40xx-020	1	48 x 8 x .406	92	49.02	39.64	158.58	266.70	88.90	1.67
	P4-H40xx-2B40xx-020	2			51.31	63.43	253.73			2.20
	40xx-024	0			55.63	1.38	---			1.25
40	P4-H40xx-B40xx-024	1	48 x 10 x .406	93	57.91	34.47	137.90	304.80	101.60	1.92
	P4-H40xx-2B40xx-024	2			60.20	55.16	220.63			2.59
	40xx-032	0			66.29	1.03	---			1.34
50	P4-H40xx-B40xx-032	1	48 x 10 x .508	95	69.34	36.68	146.72	381.00	127.00	2.40
	P4-H40xx-2B40xx-032	2			72.39	58.61	234.42			3.47
	40xx-040	0			82.04	0.83	---			1.73
65	P4-H40xx-B40xx-040	1	72 x 8 x .508	94	84.58	34.47	137.90	508.00	203.20	2.77
	P4-H40xx-2B40xx-040	2			87.12	48.26	193.05			3.81
	40xx-048	0			96.01	0.69	---			1.80
80	P4-H40xx-B40xx-048	1	72 x 9 x .508	93	98.55	27.58	110.32	558.80	228.60	2.98
	P4-H40xx-2B40xx-048	2			101.09	41.37	165.47			4.17
	40xx-064	0			123.19	0.55	---			2.51
100	P4-H40xx-B40xx-064	1	72 x 11 x .508	91	126.49	20.68	82.74	685.80	330.20	3.99
	P4-H40xx-2B40xx-064	2			129.03	30.61	122.45			5.48

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.