



P4 Series Compressed Braided Hose Data

P4 is the newest generation of Penflex Annular Corrugated Metal Hose products, designed for use in a wide range of industrial applications.

P4 has a bright, clean finish and has geometry similar to 700-series hose but provides high uniformity of corrugations and consistency of the pitch.

P4 is supplied with a high coverage braid designed to sustain high working pressures & provide maximum protection to the inner core.

KEY FEATURES:

Compressed Hose for Increased Flexibility
Hose material: 321, 316L SS (other alloys available)

Braid material: 304L (other alloys available)

Construction: Annular hose with a standard pitch
Characteristics: Medium Weight / Medium Flexibility

Nom. Size (mm)	Part number	Braids	Nom. OD (mm)	Braid Construction	Max. Pressure @21°C (BAR)		Braid Coverage (%)	Bend Radius (mm)		Wt/ M (kg)
					Working	Burst		Dynamic	Static	
12	C40xx-008	0	20.83	24 x 9 x .356	5.52	~~~~	94%	127.00	33.02	0.46
	P4-CH40xx-B40xx-008	1	22.61		82.74	330.95				0.70
	P4-CH40xx-2B40xx-008	2	24.38		132.38	529.52				0.94
20	C40xx-012	0	30.73	36 x 9 x .356	4.83	~~~~	95%	152.40	43.18	0.88
	P4-CH40xx-B40xx-012	1	32.51		58.61	234.42				1.22
	P4-CH40xx-2B40xx-012	2	34.29		93.77	375.07				1.56
25	C40xx-016	0	38.35	36 x 10 x .356	2.76	~~~~	92%	185.42	58.42	1.21
	P4-CH40xx-B40xx-016	1	40.13		40.68	162.72				1.59
	P4-CH40xx-2B40xx-016	2	41.91		65.09	260.35				1.98
32	C40xx-020	0	46.99	48 x 8 x .406	1.72	~~~~	92%	210.82	71.12	1.74
	P4-CH40xx-B40xx-020	1	49.02		37.23	148.93				2.28
	P4-CH40xx-2B40xx-020	2	51.31		59.57	238.28				2.81
40	C40xx-024	0	55.63	48 x 10 x .406	1.38	~~~~	93%	218.44	73.66	1.82
	P4-CH40xx-B40xx-024	1	57.91		32.75	131.00				2.49
	P4-CH40xx-2B40xx-024	2	60.20		52.40	209.60				3.15
50	C40xx-032	0	66.04	48 x 10 x .508	1.03	~~~~	95%	304.80	104.14	1.85
	P4-CH40xx-B40xx-032	1	69.09		36.54	146.17				2.90
	P4-CH40xx-2B40xx-032	2	72.14		58.47	233.87				3.96
65	C40xx-040	0	82.04	72 x 8 x .508	0.83	~~~~	94%	414.02	165.10	2.16
	P4-CH40xx-B40xx-040	1	84.58		28.27	113.07				3.20
	P4-CH40xx-2B40xx-040	2	87.12		45.23	180.92				4.24
80	C40xx-048	0	96.01	72 x 9 x .508	0.69	~~~~	93%	439.42	180.34	2.28
	P4-CH40xx-B40xx-048	1	98.55		23.10	92.39				3.45
	P4-CH40xx-2B40xx-048	2	101.09		36.96	147.89				4.63
100	C40xx-064	0	123.19	72 x 11 x .508	0.55	~~~~	91%	520.70	251.46	3.20
	P4-CH40xx-B40xx-064	1	126.49		16.55	66.19				4.67
	P4-CH40xx-2B40xx-064	2	129.03		26.48	105.90				6.16

Pressures listed have been reduced to account for welding as the method of attachment. Other methods: brazing, neck-down designs or crimping will result in different pressures. Contact the factory for details.