

P4 Series Compressed

Compressed P4 closely mimics the geometry of Standard P4 with the exception of corrugation count. Increasing the corrugation count yields a more flexible hose.

**ISO 10380
QUALIFIED**

Nom. I.D. (mm)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (mm)	Maximum Pressure @ 21°C (BAR) ^a		Bend Radius (mm)		Weight per Meter (Kg)
						Working ^b	Nominal Burst	Dynamic	Static	
	C40xx-008	0			21.34	5.52	----			0.46
12	P4-CH40xx-B40xx-008	1	24 x 9 x .356	94	23.11	85.49	341.98	127.00	33.02	0.70
	P4-CH40xx-2B40xx-008	2			24.89	136.52	546.06			0.94
	C40xx-012	0			30.73	4.83	----			0.88
20	P4-CH40xx-B40xx-012	1	36 x 9 x .356	95	32.51	64.81	259.24	152.40	43.18	1.22
	P4-CH40xx-2B40xx-012	2			34.29	103.42	413.69			1.56
	C40xx-016	0			38.35	2.76	----			1.21
25	P4-CH40xx-B40xx-016	1	36 x 10 x .356	92	40.13	43.44	173.75	185.42	58.42	1.59
	P4-CH40xx-2B40xx-016	2			41.91	68.95	275.79			1.98
	C40xx-020	0			46.99	1.72	----			1.74
32	P4-CH40xx-B40xx-020	1	48 x 8 x .406	92	49.02	39.64	158.58	210.82	71.12	2.28
	P4-CH40xx-2B40xx-020	2			51.31	63.43	253.73			2.81
	C40xx-024	0			55.63	1.38	----			1.82
40	P4-CH40xx-B40xx-024	1	48 x 10 x .406	93	57.91	34.47	137.90	218.44	73.66	2.49
	P4-CH40xx-2B40xx-024	2			60.20	55.16	220.63			3.15
	C40xx-032	0			66.29	1.03	----			1.85
50	P4-CH40xx-B40xx-032	1	48 x 10 x .508	95	69.34	36.68	146.72	304.80	104.14	2.90
	P4-CH40xx-2B40xx-032	2			72.39	58.61	234.42			3.96
	C40xx-040	0			82.04	0.83	----			2.16
65	P4-CH40xx-B40xx-040	1	72 x 8 x .508	94	84.58	34.47	137.90	414.02	165.10	3.20
	P4-CH40xx-2B40xx-040	2			87.12	48.26	193.05			4.24
	C40xx-048	0			96.01	0.69	----			2.28
80	P4-CH40xx-B40xx-048	1	72 x 9 x .508	93	98.55	27.58	110.32	439.42	180.34	3.45
	P4-CH40xx-2B40xx-048	2			101.09	41.37	165.47			4.63
	C40xx-064	0			123.19	0.55	----			3.20
100	P4-CH40xx-B40xx-064	1	72 x 11 x .508	91	126.49	20.68	82.74	520.70	251.46	4.67
	P4-CH40xx-2B40xx-064	2			129.03	30.61	122.45			6.16

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.

