

P4 Series Compressed

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

**ISO 10380
QUALIFIED**

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	
	C40xx-008	0			0.84	80	----			0.31
1/2"	P4-CH40xx-B40xx-008	1	24 x 9 x .014	94	0.91	1,240	4,960	5.00	1.30	0.47
	P4-CH40xx-2B40xx-008	2			0.98	1,980	7,920			0.63
	C40xx-012	0			1.21	70	----			0.59
3/4"	P4-CH40xx-B40xx-012	1	36 x 9 x .014	95	1.28	940	3,760	6.00	1.70	0.82
	P4-CH40xx-2B40xx-012	2			1.35	1,500	6,000			1.05
	C40xx-016	0			1.51	40	----			0.81
1"	P4-CH40xx-B40xx-016	1	36 x 10 x .014	92	1.58	630	2,520	7.30	2.30	1.07
	P4-CH40xx-2B40xx-016	2			1.65	1,000	4,000			1.33
	C40xx-020	0			1.85	25	----			1.17
1-1/4"	P4-CH40xx-B40xx-020	1	48 x 8 x .016	92	1.93	575	2,300	8.30	2.80	1.53
	P4-CH40xx-2B40xx-020	2			2.02	920	3,680			1.89
	C40xx-024	0			2.19	20	----			1.22
1-1/2"	P4-CH40xx-B40xx-024	1	48 x 10 x .016	93	2.28	500	2,000	8.60	2.90	1.67
	P4-CH40xx-2B40xx-024	2			2.37	800	3,200			2.12
	C40xx-032	0			2.61	15	----			1.24
2"	P4-CH40xx-B40xx-032	1	48 x 10 x .020	95	2.73	532	2,128	12.00	4.10	1.95
	P4-CH40xx-2B40xx-032	2			2.85	850	3,400			2.66
	C40xx-040	0			3.23	12	----			1.45
2-1/2"	P4-CH40xx-B40xx-040	1	72 x 8 x .020	94	3.33	500	2,000	16.30	6.50	2.15
	P4-CH40xx-2B40xx-040	2			3.43	700	2,800			2.85
	C40xx-048	0			3.78	10	----			1.53
3"	P4-CH40xx-B40xx-048	1	72 x 9 x .020	93	3.88	400	1,600	17.30	7.10	2.32
	P4-CH40xx-2B40xx-048	2			3.98	600	2,400			3.11
	C40xx-064	0			4.85	8	----			2.15
4"	P4-CH40xx-B40xx-064	1	72 x 11 x .020	91	4.98	300	1,200	20.50	9.90	3.14
	P4-CH40xx-2B40xx-064	2			5.08	444	1,776			4.14

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.

