

P3 Series Compressed

Compressed P3 closely mimics the geometry of Standard P3 apart from corrugation count. A higher number of corrugations per foot makes Compressed P3 the easiest to bend of all Penflex hoses. It's our most flexible offering.

**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	
	C30xx-004	0			0.38	72	----			0.07
1/4"	P3-CH30xx-B30xx-004	1	24 x 6 x .010	95	0.43	2,360	9,440	2.00	1.10	0.12
	P3-CH30xx-2B30xx-004	2			0.48	2,832	11,328			0.17
	C30xx-005	0			0.48	72	----			0.09
5/16"	P3-CH30xx-B30xx-005	1	24 x 7 x .010	92	0.53	1,647	6,588	3.10	1.23	0.15
	P3-CH30xx-2B30xx-005	2			0.58	1,976	7,904			0.21
	C30xx-006	0			0.56	72	----			0.11
3/8"	P3-CH30xx-B30xx-006	1	24 x 7 x .012	93	0.62	1,639	6,556	3.10	1.52	0.20
	P3-CH30xx-2B30xx-006	2			0.68	1,967	7,868			0.29
	C30xx-008	0			0.66	72	----			0.14
1/2"	P3-CH30xx-B30xx-008	1	24 x 8 x .012	92	0.72	1,438	5,750	3.00	1.75	0.24
	P3-CH30xx-2B30xx-008	2			0.78	2,300	9,200			0.34
	C30xx-010	0			0.85	71	----			0.18
5/8"	P3-CH30xx-B30xx-010	1	36 x 6 x .014	93	0.92	1,200	4,800	4.00	2.21	0.34
	P3-CH30xx-2B30xx-010	2			0.99	1,775	7,100			0.50
	C30xx-012	0			1.05	43	----			0.25
3/4"	P3-CH30xx-B30xx-012	1	36 x 8 x .014	96	1.12	1,063	4,250	4.50	2.65	0.46
	P3-CH30xx-2B30xx-012	2			1.19	1,700	6,800			0.66
	C30xx-016	0			1.27	43	----			0.36
1"	P3-CH30xx-B30xx-016	1	48 x 7 x .014	95	1.34	917	3,669	5.30	3.33	0.60
	P3-CH30xx-2B30xx-016	2			1.41	1,467	5,870			0.84
	C30xx-020	0			1.62	43	----			0.56
1-1/4"	P3-CH30xx-B30xx-020	1	48 x 9 x .014	95	1.69	797	3,188	6.90	4.10	0.87
	P3-CH30xx-2B30xx-020	2			1.76	1,275	5,100			1.18
	C30xx-024	0			1.95	28	----			0.91
1-1/2"	P3-CH30xx-B30xx-024	1	48 x 9 x .016	94	2.03	734	2,938	6.90	5.08	1.32
	P3-CH30xx-2B30xx-024	2			2.11	1,175	4,700			1.73
	C30xx-032	0			2.38	28	----			0.97
2"	P3-CH30xx-B30xx-032	1	48 x 9 x .020	94	2.48	594	2,375	8.00	6.27	1.61
	P3-CH30xx-2B30xx-032	2			2.58	950	3,800			2.24

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.

