

P3 Series Compressed

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

**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	
	C30xx-004	0			9.65	4.96	---			0.10
6	P3-CH30xx-B30xx-004	1	24 x 6 x .254	95	10.92	162.72	650.87	50.80	27.94	0.18
	P3-CH30xx-2B30xx-004	2			12.19	195.26	781.04			0.25
	C30xx-005	0			12.19	4.96	---			0.13
8	P3-CH30xx-B30xx-005	1	24 x 7 x .254	92	13.46	113.56	454.23	78.74	31.24	0.22
	P3-CH30xx-2B30xx-005	2			14.73	136.24	544.96			0.31
	C30xx-006	0			14.22	4.96	---			0.16
10	P3-CH30xx-B30xx-006	1	24 x 7 x .305	93	15.75	113.01	452.02	78.74	38.61	0.30
	P3-CH30xx-2B30xx-006	2			17.27	135.62	542.48			0.43
	C30xx-008	0			16.76	4.96	---			0.21
12	P3-CH30xx-B30xx-008	1	24 x 8 x .305	92	18.29	99.15	396.45	76.20	44.45	0.36
	P3-CH30xx-2B30xx-008	2			19.81	158.58	634.42			0.51
	C30xx-010	0			21.59	4.90	---			0.27
16	P3-CH30xx-B30xx-010	1	36 x 6 x .356	93	23.37	82.74	330.95	101.60	56.13	0.51
	P3-CH30xx-2B30xx-010	2			25.15	122.38	489.53			0.74
	C30xx-012	0			26.67	2.96	---			0.37
20	P3-CH30xx-B30xx-012	1	36 x 8 x .356	96	28.45	73.29	293.03	114.30	67.31	0.68
	P3-CH30xx-2B30xx-012	2			30.23	117.21	468.84			0.98
	C30xx-016	0			32.26	2.96	---			0.54
25	P3-CH30xx-B30xx-016	1	48 x 7 x .356	95	34.04	63.22	252.97	134.62	84.58	0.89
	P3-CH30xx-2B30xx-016	2			35.81	101.15	404.72			1.25
	C30xx-020	0			41.15	2.96	---			0.83
32	P3-CH30xx-B30xx-020	1	48 x 9 x .356	95	42.93	54.95	219.80	175.26	104.14	1.29
	P3-CH30xx-2B30xx-020	2			44.70	87.91	351.63			1.76
	C30xx-024	0			49.53	1.93	---			1.35
40	P3-CH30xx-B30xx-024	1	48 x 9 x .406	94	51.56	50.61	202.57	175.26	129.03	1.96
	P3-CH30xx-2B30xx-024	2			53.59	81.01	324.05			2.57
	C30xx-032	0			60.45	1.93	---			1.44
50	P3-CH30xx-B30xx-032	1	48 x 9 x .508	94	62.99	40.95	163.75	203.20	159.26	2.40
	P3-CH30xx-2B30xx-032	2			65.53	65.50	262.00			3.33

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.