



P3 Series Close Pitch Braided Hose Data

P3 is the newest generation of Penflex Annular Corrugated Metal Hose. At a competitive price, it is designed for use in a wide range of pressure situations.

P3 is produced with a bright, clean finish and is supplied with a high coverage braid.

The P3 is shipped in long continuous lengths packaged on durable reels for shipment by air, truck, or ocean.

KEY FEATURES:

- ~ Hose material: 321, 316L SS (other alloys available)
- ~ Braid material: 304L (other alloys available)
- ~ Construction: annular hose with a Close Pitch
- ~ Characteristics: lightweight / highest flexibility
- ~ High coverage braid

Nom. Size (mm)	Part number	Braids	Nom. OD (mm)	Braid Construction	Max. Pressure @21°C (BAR)		Braid Coverage (%)	Bend Radius (mm)		Wt/ M (Kg)
					Work	Burst		Dyn.	Static	
6	C30xx-004	0	9.65	24 x 6 x .254	4.96	~~~~	97%	50.8	27.94	0.12
	P3-CH30xx-B30xx-004	1	10.92		162.72	650.87				0.19
	P3-CH30xx-2B30xx-004	2	12.19		195.26	781.04				0.26
8	C30xx-005	0	12.19	24 x 7 x .254	4.96	~~~~	97%	78.74	31.24	0.12
	P3-CH30xx-B30xx-005	1	13.46		113.56	454.23				0.21
	P3-CH30xx-2B30xx-005	2	14.73		136.24	544.96				0.32
10	C30xx-006	0	14.22	24 x 7 x .305	4.96	~~~~	94%	78.74	38.61	0.18
	P3-CH30xx-B30xx-006	1	15.75		113.01	452.02				0.31
	P3-CH30xx-2B30xx-006	2	17.27		135.62	542.48				0.42
12	C30xx-008	0	16.76	24 x 8 x .305	4.96	~~~~	95%	76.2	44.45	0.22
	P3-CH30xx-B30xx-008	1	18.29		84.46	337.84				0.37
	P3-CH30xx-2B30xx-008	2	19.81		101.35	405.41				0.53
16	C30xx-010	0	21.59	36 x 6 x .356	4.90	~~~~	95%	101.6	56.134	0.28
	P3-CH30xx-B30xx-010	1	23.37		82.74	330.95				0.52
	P3-CH30xx-2B30xx-010	2	25.15		99.28	397.14				..,50
20	C30xx-012	0	26.67	36 x 8 x .356	2.96	~~~~	94%	114.3	67.31	0.42
	P3-CH30xx-B30xx-012	1	28.45		71.29	285.17				0.73
	P3-CH30xx-2B30xx-012	2	30.23		85.56	342.26				0.98
25	C30xx-016	0	32.26	48 x 7 x .356	2.96	~~~~	92%	134.62	84.58	0.52
	P3-CH30xx-B30xx-016	1	34.04		54.88	219.53				0.88
	P3-CH30xx-2B30xx-016	2	35.81		65.84	263.38				1.19
32	C30xx-020	0	41.15	48 x 9 x .356	2.96	~~~~	93%	175.26	104.14	0.74
	P3-CH30xx-B30xx-020	1	42.93		41.37	165.47				1.21
	P3-CH30xx-2B30xx-020	2	44.70		49.64	198.57				1.71
40	C30xx-024	0	49.53	48 x 9 x .406	1.93	~~~~	96%	175.26	129.03	1.29
	P3-CH30xx-B30xx-024	1	51.56		38.40	153.62				1.89
	P3-CH30xx-2B30xx-024	2	53.59		46.06	184.23				2.36
50	C30xx-032	0	60.45	48 x 9 x .508	1.93	~~~~	94%	203.2	159.26	1.55
	P3-CH30xx-B30xx-032	1	62.99		39.30	157.20				2.50
	P3-CH30xx-2B30xx-032	2	65.53		47.16	188.64				3.23

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.

