



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 (in.)	Part number	Braids	Nom. OD (in.)	Braid Construction	Max. Pressure @70°F (PSIG)		Braid Coverage (%)	Bend Radius (in.)		Wt/ Ft (lb.)	Reel Qty (ft)
					WORK	BURST		Dyn.	Static		
1/4"	C30xx-004	0	0.38	24 x 6 x .010	72	~~~~	97%	2.00	1.10	0.08	500
	P3-CH30xx-B30xx-004	1	0.43		2,360	9,440					
5/16"	C30xx-005	0	0.48	24 x 7 x .010	72	~~~~	97%	3.10	1.23	0.08	500
	P3-CH30xx-B30xx-005	1	0.53		1,647	6,588					
3/8"	C30xx-006	0	0.56	24 x 7 x .012	72	~~~~	94%	3.10	1.52	0.12	500
	P3-CH30xx-B30xx-006	1	0.62		1,639	6,556					
1/2"	C30xx-008	0	0.66	24 x 8 x .012	72	~~~~	95%	3.00	1.75	0.15	500
	P3-CH30xx-B30xx-008	1	0.72		1,225	4,900					
5/8"	C30xx-010	0	0.85	36 x 6 x .014	71	~~~~	95%	4.00	2.21	0.19	500
	P3-CH30xx-B30xx-010	1	0.92		1,200	4,800					
3/4"	C30xx-012	0	1.05	36 x 8 x .014	43	~~~~	94%	4.50	2.65	0.28	500
	P3-CH30xx-B30xx-012	1	1.12		1,034	4,136					
1"	C30xx-016	0	1.27	48 x 7 x .014	43	~~~~	92%	5.30	3.33	0.35	450
	P3-CH30xx-B30xx-016	1	1.34		796	3,184					
1-1/4"	C30xx-020	0	1.62	48 x 9 x .014	43	~~~~	93%	6.90	4.10	0.50	450
	P3-CH30xx-B30xx-020	1	1.69		600	2,400					
1-1/2"	C30xx-024	0	1.95	48 x 9 x .016	28	~~~~	96%	6.90	5.08	0.87	350
	P3-CH30xx-B30xx-024	1	2.03		557	2,228					
2"	C30xx-032	0	2.38	48 x 9 x .020	28	~~~~	94%	8.00	6.27	1.04	225
	P3-CH30xx-B30xx-032	1	2.48		570	2,280					

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.

