



Corrugated Metal Hose and Braid Specification Guide

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 braid is designed to sustain the highest available working pressures and provide maximum protection of integrity to the inner core.

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

KEY FEATURES

- Construction: annular hose with a standard pitch
- Hose material: 304, 316L (321 coming soon) stainless steel
- Braid material: 304L
- Characteristics: lightweight/high flexibility
- High coverage braid
- Hose sizes: ¼" through 2", including 5/16" and 5/8" (DN 6 through DN 50)

NOM I.D. (IN.)	PART NUMBER	BRAID LAYERS	NOM O.D. (IN.)	BRAID CONSTRUCTION	MAX. PRESSURE @70°F (PSIG)			BEND RADIUS (IN.)		WEIGHT (LB.) FOOT	REEL QTY. (FT.)
					WORK	TEST	BURST	DYN.	STATIC		
1/4"	P3-30xx-004	0	0.38	----	72	108	----	3.15	1.1	0.05	500
	P3-H30xx-B30xx-004	1	0.43	24 x 6 x .010	2,360	3,540	9,440			0.10	
5/16"	P3-30xx-005	0	0.48	----	72	108	----	4.85	1.23	0.05	500
	P3-H30xx-B30xx-005	1	0.53	24 x 7 x .010	1,647	2,470	6,588			0.12	
3/8"	P3-30xx-006	0	0.56	----	72	108	----	5.08	1.52	0.07	500
	P3-H30xx-B30xx-006	1	0.62	24 x 7 x .012	1,639	2,458	6,556			0.16	
1/2"	P3-30xx-008	0	0.66	----	72	108	----	5.47	1.75	0.08	500
	P3-H30xx-B30xx-008	1	0.72	24 x 8 x .012	1,225	1,837	4,900			0.18	
5/8"	P3-30xx-010	0	0.85	----	71	107	----	6.28	2.21	0.12	500
	P3-H30xx-B30xx-010	1	0.92	36 x 6 x .014	1,200	1,800	4,800			0.27	
3/4"	P3-30xx-012	0	1.05	----	43	65	----	6.58	2.65	0.19	500
	P3-H30xx-B30xx-012	1	1.12	36 x 8 x .014	1,034	1,551	4,136			0.39	
1"	P3-30xx-016	0	1.27	----	43	65	----	7.5	3.33	0.24	450
	P3-H30xx-B30xx-016	1	1.34	48 x 7 x .014	796	1,194	3,184			0.48	
1-1/4"	P3-30xx-020	0	1.62	----	43	65	----	10.2	4.1	0.33	400
	P3-H30xx-B30xx-020	1	1.69	48 x 9 x .014	600	900	2,400			0.66	
1-1/2"	P3-30xx-024	0	1.95	----	28	42	----	11.75	5.08	0.51	350
	P3-H30xx-B30xx-024	1	2.03	48 x 9 x .016	557	835	2,228			0.91	
2"	P3-30xx-032	0	2.38	----	28	42	----	12.55	6.27	0.64	200
	P3-H30xx-B30xx-032	1	2.48	48 x 9 x .020	570	855	2,280			1.27	

