



## P4 Series Compressed Braided Hose Data

P4 is the newest generation of Penflex Annular Corrugated Metal Hose products, designed for use in a wide range of industrial applications.

P4 has a bright, clean finish and has geometry similar to 700-series hose but provides high uniformity of corrugations and consistency of the pitch.

P4 is supplied with a high coverage braid designed to sustain high working pressures & provide maximum protection to the inner core.

### KEY FEATURES:

**Compressed Hose for Increased Flexibility**  
**Hose material: 321, 316L SS (other alloys available)**

**Braid material: 304L (other alloys available)**

**Construction: Annular hose with a standard pitch**  
**Characteristics: Medium Weight / Medium Flexibility**

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		
1/2"	C40xx-008	0	0.82	24 x 9 x .014	80	~~~~	94%	5.00	1.30	0.31	500
	P4-CH40xx-B40xx-008	1	0.89		1,200	4,800				0.47	
	P4-CH40xx-2B40xx-008	2	0.96		1,920	7,680				0.63	
3/4"	C40xx-012	0	1.21	36 x 9 x .014	70	~~~~	95%	6.00	1.70	0.59	500
	P4-CH40xx-B40xx-012	1	1.28		850	3,400				0.82	
	P4-CH40xx-2B40xx-012	2	1.35		1,360	5,440				1.05	
1"	C40xx-016	0	1.51	36 x 10 x .014	40	~~~~	92%	7.30	2.30	0.81	450
	P4-CH40xx-B40xx-016	1	1.58		590	2,360				1.07	
	P4-CH40xx-2B40xx-016	2	1.65		944	3,776				1.33	
1-1/4"	C40xx-020	0	1.85	48 x 8 x .016	25	~~~~	92%	8.30	2.80	1.17	400
	P4-CH40xx-B40xx-020	1	1.93		540	2,160				1.53	
	P4-CH40xx-2B40xx-020	2	2.02		864	3,456				1.89	
1-1/2"	C40xx-024	0	2.19	48 x 10 x .016	20	~~~~	93%	8.60	2.90	1.22	350
	P4-CH40xx-B40xx-024	1	2.28		475	1,900				1.67	
	P4-CH40xx-2B40xx-024	2	2.37		760	3,040				2.12	
2"	C40xx-032	0	2.60	48 x 10 x .020	15	~~~~	95%	12.00	4.10	1.24	250
	P4-CH40xx-B40xx-032	1	2.72		530	2,120				1.95	
	P4-CH40xx-2B40xx-032	2	2.84		848	3,392				2.66	
2-1/2"	C40xx-040	0	3.23	72 x 8 x .020	12	~~~~	94%	16.30	6.50	1.45	250
	P4-CH40xx-B40xx-040	1	3.33		410	1,640				2.15	
	P4-CH40xx-2B40xx-040	2	3.43		656	2,624				2.85	
3"	C40xx-048	0	3.78	72 x 9 x .020	10	~~~~	93%	17.30	7.10	1.53	200
	P4-CH40xx-B40xx-048	1	3.88		335	1,340				2.32	
	P4-CH40xx-2B40xx-048	2	3.98		536	2,145				3.11	
4"	C40xx-064	0	4.85	72 x 11 x .020	8	~~~~	91%	20.50	9.90	2.15	150
	P4-CH40xx-B40xx-064	1	4.98		240	960				3.14	
	P4-CH40xx-2B40xx-064	2	5.08		384	1,536				4.14	

Pressures listed have been reduced to account for welding as the method of attachment. Other methods: brazing, neck-down designs or crimping will result in different pressures. Contact the factory for details.

