



P5 Series Metal Hose and Braid Specification Guide

Penflex P5 series corrugated hose is a high quality general purpose industrial hose designed to provide high resistance to corrosion as well as to allow for moderate vibration and pressure. This hose is commonly used in Power Generation, Steel, Chemical, Oil and Gas and a number of other industries.

Nom. ID (mm)	Part Number	Braids	Nom. OD (mm)	Braid Construction	Max. Pressure @21°C (BAR)		Braid Coverage (%)	Bend Radius (mm)		Max Offset/ M mm	Wt/ M (Kg)
					Working	Burst		Dyn.	Static		
350	7xx-224 7xx-1SB-224	0 1	373.38 383.54	96 x 29 x .635	0.52 10.34	~~~~ 41.37	97%	1841.5	977.9	2.30	15.33 25.49
400	7xx-256 7xx-1SB-256	0 1	424.18 434.34	96 x 29 x .635"	0.38 7.58	~~~~ 30.34	97%	2057.4	1117.6	1.25	18.6 28.8
450	7xx-288 7xx-1SB-288	0 1	474.98 485.14	96 x 29 x .635"	0.30 5.86	~~~~ 23.44	93%	2286.0	1257.3	1.15	19.64 29.81
500	7xx-320 7xx-1SB-320	0 1	525.78 535.94	96 x 29 x .635"	0.23 4.48	~~~~ 17.93	89%	2514.6	1397.0	1.15	23.36 33.53
550	7xx-352 7xx-1SB-352	0 1	576.58 586.74	96 x 29 x .635"	0.17 3.45	~~~~ 13.79	85%	2730.5	1536.7	1.15	25.75 35.91
600	7xx-384 7xx-1SB-384	0 1	627.38 637.54	96 x 29 x .635"	0.16 3.10	~~~~ 12.41	81%	2908.3	1676.4	0.82	27.38 37.55

Use above part numbers for long lengths of braided and unbraided hose. Add -B to Part Number for Unbraided Hose Sections Only. Use PN 704 for 304SS, 721 for 321SS and 716 for 316L.

Pressures listed have been reduced to account for welding as the method of attachment.

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