

Product Focus



1/4" Pressureflex HP®

High-Pressure Annular Corrugated Metal Hose

1/4" Pressureflex HP® is Hose Master's new annular heavy-wall corrugated metal hose designed for very high working pressures. Offering extreme flexibility, 1/4" Pressureflex HP® retains a working pressure up to 4000 psi with a 4:1 safety factor.

Produced on Hose Master's custom-designed and built manufacturing equipment, 1/4" Pressureflex HP® is the perfect counterpart to the existing line of Pressureflex HP® product up to 6" ID. Refer to www.hosemaster.com for Pressureflex HP® diameter specifications above 1/4".

1/4" Pressureflex HP® Features

- T316L Stainless Steel Heavy-Wall Hose
- T304 or T316 Stainless Steel Braid
- Extreme flexibility requiring less effort to bend
- Fabrication expertise and superior quality (*every assembly is factory tested*)

1/4" Pressureflex HP® Specifications

Explanation of Pressureflex HP® Part Numbers:		Braid Code
AF 97 _____ HP	Material Code	00 - Unbraided
Braid Code	9 - T316L Stainless Steel	50 - T304 Single Braid
		55 - T304 Double Braid
		60 - T316 Single Braid
		66 - T316 Double Braid

Example: AF9750 = T316L stainless steel corrugated metal hose with a single T304 stainless steel braid.

Inside Diameter (in.)	Number of Braids (#)	Outside Diameter (in.)	Static Minimum Bend Radius (in.)	Dynamic Minimum Bend Radius (in.)	Maximum Working Pressure (psi)	Burst Pressure (psi)	Weight Per Foot (lbs.)
1/4	0	0.423	1.0	5.5	450	N/A	0.08
	1	0.483			3000	12000	0.15
	2	0.543			4000	16000	0.22

The minimum bend radius is measured from the centerline of the hose • For rapid pressure fluctuations, consult factory • The working pressure decreases with temperature, consult factory

Applications for 1/4" Pressureflex HP®

PressureflexHP® can be used in many applications requiring very high pressures. Examples of industries include:

- Chemical
- Compressed Gas
- Cryogenic
- Hydrogen & Fuel Cell
- Marine
- Oil Field
- Petro-Chemical
- Power Generation
- Pulp & Paper
- Steel



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