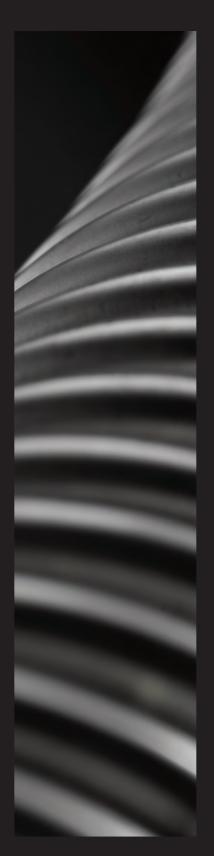
# **Product Focus**





## 1/4" Pressureflex HP®

#### **High-Pressure Annular Corrugated Metal Hose**

**1/4" Pressureflex HP**<sup>®</sup> is Hose Master's new annular heavy-wall corrugated metal hose designed for very high working pressures. Offering extreme flexibility, 1/4" Pressureflex HP<sup>®</sup> 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<sup>®</sup> is the perfect counterpart to the existing line of Pressureflex HP<sup>®</sup> product up to 6" ID. Refer to www.hosemaster.com for Pressureflex HP<sup>®</sup> diameter specifications above 1/4".

#### 1/4" Pressureflex HP<sup>®</sup> 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<sup>®</sup> Specifications

#### Explanation of **Pressureflex HP**<sup>®</sup> Part Numbers:

HP

Braid Code

Material Code

Material Code 9 - T316L Stainless Steel

- Braid Code 00 - Unbraided
- 50 T304 Single Braid
- 50 1304 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 (Ibs.)
1/4	0 1 2	0.423 0.483 0.543	1.0	5.5	450 3000 4000	N/A 12000 16000	0.08 0.15 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**<sup>®</sup> can be used in many applications requiring very high pressures. Examples of industries include:

Chemical

AF 97

- Compressed Gas
- Cryogenic
- Hydrogen & Fuel Cell
- Marine

- Oil Field
- Petro-Chemical
- Power Generation
- Pulp & Paper
- Steel

### HOSE MASTER

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