

Product Focus

3/8" Pressureflex HP®

High-Pressure Annular Corrugated Metal Hose

3/8" Pressureflex HP® is Hose Master's new annular heavy-wall corrugated metal hose designed for very high working pressures. Offering extreme flexibility, 3/8" Pressureflex HP® retains a working pressure up to 3300 psi with a 4:1 safety factor.

Produced on Hose Master's custom-designed and built manufacturing equipment, 3/8" 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 from 1/4" - 6" I.D.

3/8" Pressureflex HP® Features

- T321 & T316L Stainless Steel Heavy-Wall Hose
- T304, T321, & T316 Stainless Steel Braid
- Extreme flexibility requiring less effort to bend
- Fabrication expertise and superior quality (*every assembly is factory tested*)

3/8" Pressureflex HP® Specifications

Explanation of Pressureflex HP® Part Numbers:

AF _____ 7 _____ HP
Material Code Braid Code

Material Code

- 8 - T321 Stainless Steel
- 9 - T316L Stainless Steel

Braid Code

- 00 - Unbraided
- 50 - T304 Single Braid
- 55 - T304 Double Braid
- 60 - T316 Single Braid
- 66 - T316 Double Braid
- 70 - T321 Single Braid
- 77 - T321 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.)
3/8	0	0.655	1.5	8.5	400	N/A	0.12
	1	0.735			2400	9600	0.31
	2	0.815			3300	14000	0.48

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 3/8" 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



HOSE MASTER

1233 East 222nd Street • Cleveland, Ohio 44117
(800) 221-2319 • Fax: (216) 481-7557 • www.hosemaster.com
Cleveland • Houston • Atlanta • Reno

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