

Product Focus

1/4" PressureMax HP®

ULTRA High-Pressure Annular Corrugated Metal Hose

1/4" PressureMax HP® is Hose Master's new annular, heavy-wall corrugated metal hose specifically designed for ULTRA high-pressure applications. 1/4" PressureMax HP® offers superior flexibility and the industry's best working pressure up to 6000 psi with a 4:1 safety factor.

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

1/4" PressureMax HP® Features

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

1/4" PressureMax HP® Specifications

Explanation of PressureMax HP® Part Numbers:

AF 95 _____ HP
Braid Code

Material Code

9 - T316L Stainless Steel

Braid Code

00 - Unbraided

70 - T321 Single Braid

77 - T321 Double Braid

Example: AF9570 = T316L stainless steel corrugated metal hose with a single T321 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	0.431	0.9	4.5	500	N/A	0.15
	1	0.556	1.5		5000	20000	0.32
	2	0.681	1.5		6000	24000	0.49

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" PressureMax HP®

1/4" PressureMax HP® can be used in many applications requiring ULTRA 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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