

Product Focus

3/8" PressureMax HP®

Ultra High-Pressure Annular Corrugated Metal Hose

3/8" PressureMax HP® is Hose Master's new annular heavy-wall corrugated metal hose designed for ULTRA high working pressures. Offering superior flexibility, 3/8" PressureMax HP® retains a working pressure up to 5000 psi with a 4:1 safety factor.

Produced on Hose Master's custom-designed and built manufacturing equipment, 3/8" PressureMax HP® is the perfect counterpart to the existing line of PressureMax HP® products up to 4" ID. Refer to www.hosemaster.com for PressureMax HP® diameter specifications from 1/4" - 4" I.D.

3/8" PressureMax HP® Features

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

3/8" PressureMax HP® Specifications

Explanation of PressureMax HP® Part Numbers:

AF 5 HP
Material Code Braid Code

Material Code

8 - T321 Stainless Steel
9 - T316L Stainless Steel

Braid Code

00 - Unbraided
70 - T321 Single Braid
77 - T321 Double Braid

Example: AF9550 = 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	0.670	1.5	7.0	400	N/A	0.18
	1	0.795	2.5		3500	14000	0.46
	2	0.920	2.5		5000	20000	0.77

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" PressureMax HP®

PressureMaxHP® can be used in many applications requiring extremely high pressures. A sampling of Industries and Applications using 3/8" PressureMax HP are:

Steel:

- Torpedo Car/Bottle Car hydraulics
- Drill hydraulics/Compressed Air and Ladle Slide Gate Hydraulics
- Casting Mold Hydraulics
- Caster Lubrication Lines
- Straightening press Hydraulics
- Reheat Furnace Door Hydraulics
- Strip Mill Lubrication and Hydraulic Lines
- Oven "Pusher" Hose
- Car Dump System Hydraulics

Utility & Power:

- HP Gas Lines to Natural Gas Turbine
- Turbine lubrication Lines



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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