

# Product Focus



## PressureMax HP™

### ULTRA High-Pressure Annular Corrugated Metal Hose

PressureMax HP™ is Hose Master's hydroformed, annular, heavy-wall corrugated metal hose specifically designed for ULTRA high-pressure applications. PressureMax HP™ offers superior flexibility and is made from heavy wall T321 Stainless Steel.

#### PressureMax HP™ Features

- T321 Stainless Steel Hydroformed Hose
- T321 Braid
- Superior flexibility requiring less effort to bend
- Assemblies are tested at the factory

#### PressureMax HP™ Specifications

Explanation of PressureMax HP™ Part Numbers:

**AF 8 5 bc HP**

*bc – Braid Code*

**Braid Codes:**

- 00 – Unbraided
- 70 – T321 Single Braid
- 77 – T321 Double Braid
- 7T – T321 Triple Braid

*Example:  
AF8570 HP = T321  
Stainless Steel, annular  
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.)
3/4	0	1.15	2.5	4.5	250	N/A	0.63
	1	1.28	4.5	6.0	2650	10669	1.09
	2	1.40	4.5	10.0	3600	14521	1.58
1	0	1.45	3.3	7.0	180	N/A	0.84
	1	1.57	5.0	11.0	2500	10000	1.53
	2	1.70	5.0	11.0	3000	12083	2.25
1 1/4	0	1.75	5.0	9.5	190	N/A	1.32
	1	1.88	6.5	12.5	1775	7119	2.09
	2	2.00	6.5	12.5	2600	10400	2.88
1 1/2	3	2.13	7.0	14.0	3000	12082	3.71
	0	2.11	6.0	11.5	110	N/A	1.75
	1	2.23	7.5	13.0	1450	5800	2.64
2	2	2.36	7.5	13.0	2200	8892	3.57
	0	2.57	7.5	12	100	N/A	2.04
	1	2.70	9.0	14	1100	4415	3.23
	2	2.82	9.0	14	1675	6710	4.45

#### PressureMax HP™

PressureMax HP™ can be used in many applications requiring ultra high pressures. Examples of industries using PressureMax HP™ are:

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



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