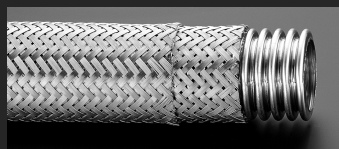


Product Focus



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
7Q – T321 Quad 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	4.0	10.0	2650	10669	1.09
	2	1.40	4.0	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
	3	2.13	7.0	14.0	3000	12082	3.71
1 1/2	0	2.11	6.0	11.5	110	N/A	1.75
	1	2.23	7.5	13.0	1450	5800	2.64
	2	2.36	7.5	13.0	2200	8892	3.57
2	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
2 1/2	0	3.38	8.0	14.5	46	n/a	2.73
	1	3.51	9.5	16.0	700	2800	4.03
	2	3.63	9.5	16.0	1050	4200	5.33
3	0	3.70	8.5	16.0	36	n/a	3.13
	1	3.83	10.5	20.0	600	2400	4.39
	2	3.95	10.5	20.0	900	3600	5.67
	3	4.08	23.0	75.0	1200	4800	6.99
4	0	4.82	10.0	19.0	23	n/a	5.11
	1	4.94	13.0	26.0	525	2100	6.94
	2	5.07	13.0	26.0	875	3500	8.80
	4	5.32	32.0	96.0	1200	4800	12.62

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

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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