

PRESSUREMAX HP® is Hose Master's 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 or T316L stainless steel.



Explanation of PressureMax HP® Part Numbers
 AF _____ 5 _____ HP
 Material Code Braid Code

Material Codes

8 - T321 Stainless Steel
 9 - T316L Stainless Steel

Braid Codes

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

Example: AF8570 = 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.)
1/4	0	0.431	0.5	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
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
1/2	0	0.784	2.0	8.0	200	n/a	0.43
	1	0.884	3.0		2700	10800	0.64
	2	0.984	3.0		4500	18000	0.85
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	3.25	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	12.0	100	n/a	2.04
	1	2.70	9.0	14.0	1100	4415	3.23
	2	2.82	9.0	14.0	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	4.29
	2	3.63	9.5	16.0	1050	4200	5.59
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

- Some hose material and braid code combinations may be unavailable. Contact Hose Master Customer Service at 800-221-2319 for available combinations of hose material and braid alloys by hose size
- The minimum bend radius is measured from the centerline of the hose
- The working pressure decreases with temperature - obtain derating factor on page 33 in Technical Information
- For rapid pressure fluctuations, consult factory