

PRESSUREFLEX HP

PRESSUREFLEX HP® is Hose Master's high-pressure, annular corrugated metal hose. Pressureflex HP® is made from heavy-wall stainless steel, and offers flexibility and dependability when higher pressures are a factor.



Explanation of **Pressureflex HP®** Part Numbers

AF HP

Material Code Braid Code

8 - T321 Stainless Steel
9 - T316L Stainless Steel

Braid Codes

00 - Unbraided
50 - T304 Single Braid
55 - T304 Double Braid
60 - T316 Single Braid
66 - T316 Double Braid
70 - T321 Single Braid
77 - T321 Double Braid

Example: AF8750 = T321 stainless steel, annular 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.)
1/4	0	0.423	1.0	5.5	450	n/a	0.08
	1	0.483			3000	12000	0.15
	2	0.543			4000	16000	0.22
3/8	0	0.655	1.5	8.5	400	n/a	0.12
	1	0.735			2400	9600	0.31
	2	0.815			3300	14000	0.48
1/2	0	0.774	2.5	10.0	400	n/a	0.24
	1	0.854			2400	9600	0.40
	2	0.934			3200	12800	0.57
3/4	0	1.13	4.0	8.0	220	n/a	0.41
	1	1.19			1100	4430	0.58
	2	1.25			1650	6696	0.76
1	0	1.43	5.0	9.0	190	n/a	0.52
	1	1.49			1000	4187	0.76
	2	1.55			1400	5837	0.99
1 1/4	0	1.74	6.5	12.0	200	n/a	0.76
	1	1.82			900	3758	1.13
	2	1.90			1350	5494	1.50
1 1/2	0	2.10	7.5	13.0	90	n/a	1.13
	1	2.18			750	3070	1.54
	2	2.26			1200	4842	1.96
2	0	2.55	9.0	15.0	105	n/a	1.10
	1	2.68			800	3304	2.29
	2	2.80			1150	4738	3.47
2 1/2	0	3.35	10.5	17.0	46	n/a	1.75
	1	3.48			575	2461	3.05
	2	3.60			900	3857	4.35
3	0	3.67	12.0	20.0	36	n/a	1.92
	1	3.79			550	2252	3.18
	2	3.92			800	3254	4.46
4	0	4.92	9.8	25.0	23	n/a	2.29
	1	5.04			425	1754	4.12
	2	5.16			575	2350	5.98
5*	0	5.96	12.8	34.0	28	n/a	3.03
	1	6.13			331	1324	5.14
6*	0	6.97	14.8	40.0	23	n/a	3.74
	1	7.22			285	1140	6.44

- 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
- * 5 inch and 6 inch diameters are supplied with braided braid