

CHEMKING® is Hose Master's chemical-resistant, annular corrugated metal hose. Manufactured with a special 276 alloy, ChemKing® offers excellent flexibility and corrosion resistance for many of the most severe applications found in chemical processing.



Explanation of ChemKing® Part Numbers
 AF 67 _____
 Braid Code

Braid Codes

- 00 - Unbraided
- 60 - T316 Single Braid
- 66 - T316 Double Braid
- 20 - C276 Single Braid
- 22 - C276 Double Braid

Example: AF6760 = 276 annular corrugated metal hose with a single T316 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.)
1/2	0	0.77	1.5	5.5	70	n/a	0.11
	1	0.83			1186	4743	0.22
	2	0.89			1779	7115	0.33
3/4	0	1.16	2.1	8.0	43	n/a	0.19
	1	1.22			898	3591	0.37
	2	1.28			1347	5387	0.55
1	0	1.47	2.7	9.0	43	n/a	0.26
	1	1.53			718	2872	0.50
	2	1.59			1077	4308	0.74
1 1/2	0	2.08	3.9	11.0	28	n/a	0.47
	1	2.16			531	2125	0.85
	2	2.24			797	3188	1.23
2	0	2.61	5.1	13.0	14	n/a	0.59
	1	2.69			449	1797	1.11
	2	2.77			674	2696	1.63
3	0	3.88	7.8	18.0	14	n/a	1.18
	1	3.98			346	1384	2.06
	2	4.08			519	2076	2.94
4*	0	4.96	9.8	22.0	14	n/a	1.41
	1	5.06			299	1194	2.47
	2	5.16			448	1791	3.53
5*	0	6.00	12.8	28.0	14	n/a	2.18
	1	6.12			275	1099	3.61
	2	6.24			412	1646	5.04
6*	0	7.01	14.8	32.0	11	n/a	2.69
	1	7.13			210	839	4.44
	2	7.25			315	1259	6.19

* For 4 inch, 5 inch, and 6 inch diameters, consult factory for delivery

- 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
- Braid is T316 stainless steel or C276 alloy. Monel™ braid is available upon request. When Monel™ braid is used, stated pressure ratings need to be reduced by 0.75. Part numbers for Monel™ braid are AF6780 (single braid) and AF6788 (double braid)