

ANNUFLEX is the foundation of Hose Master's extensive line of annular products. Proprietary manufacturing processes produce a hose with minimal residual stress, uniform wall thickness throughout the corrugations, and minimal work hardening. These processes create a very flexible, long-lasting corrugated metal hose.



Explanation of **Annuflex** Part Numbers

AF _____ 7 _____

Material Code Braid Code

Material Codes

4 - T321 Stainless Steel
5 - T316L Stainless Steel
7 - T304L Stainless Steel

Braid Codes

00 - Unbraided
50 - T304 Single Braid
55 - T304 Double Braid

T316 Braid available upon request

Example: AF4750 = 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	0.41	1.0	4.5	90	n/a	0.04
	1	0.47			1800	7233	0.11
	2	0.53			2700	9100	0.18
3/8	0	0.65	1.2	5.0	70	n/a	0.10
	1	0.71			1558	6230	0.20
	2	0.77			2336	9345	0.30
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
5/8	0	0.96	1.8	7.0	57	n/a	0.17
	1	1.02			1205	4820	0.33
	2	1.08			1808	7230	0.49
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 1/4	0	1.75	3.1	10.0	43	n/a	0.29
	1	1.83			645	2581	0.61
	2	1.91			968	3872	0.93
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
2 1/2	0	3.40	6.8	16.0	14	n/a	0.84
	1	3.50			417	1669	1.64
	2	3.60			626	2504	2.44
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	2.69
	2	5.16			448	1791	3.97
5	0	6.00	12.8	28.0	14	n/a	2.18
	1	6.12			275	1099	3.61
	2	6.24			412	1649	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
8*	0	9.04	18.0	29.0	3	n/a	4.88
	1	9.32			250	1000	8.21
	2	9.60			360	1446	11.53
10*	0	11.34	21.0	34.0	4	n/a	7.42
	1	11.56			175	700	11.05
	2	11.78			310	1247	14.67
12*	0	13.45	27.0	44.0	3	n/a	11.04
	1	13.73			185	745	16.71
	2	14.00			325	1308	22.38

* 8 inch, 10 inch and 12 inch diameter AF4750 are supplied with braided braid

- 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