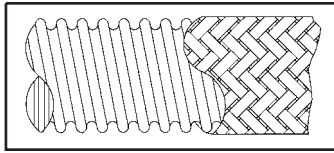


Corrugated Metal Hose (Products)

HYDRAFLEX



Hydrflex is Hose Master's T316 double-walled spirally-welded corrugated metal hose. Specially designed to maintain extreme pressure and flexibility, Hydrflex is self-draining and generates minimal in-line turbulence.

Explanation of **Hydrflex** Part Numbers:

HF 34

Braid
Code

Braid Codes

00 - Unbraided

50 - T304 Single Braid

55 - T304 Double Braid

*T316 Braid available upon request.

Example: HF3450 =

T316 Stainless Steel, helical, corrugated metal hose with a single T304 Stainless Steel Braid.

Inside Diameter (in.)	Number of Braids (#)	Outside Diameter (in.)	Static Min. Bend Radius (in.)	Dynamic Min. Bend Radius (in.)	Maximum Working Pressure (psi)	Burst Pressure (psi)	Weight Per Foot (lbs.)
1/4	1	0.52	1.1	5.0	4600	18400	0.21
	2	0.62			5800	23200	0.32
5/16	1	0.62	1.2	5.1	4000	16000	0.29
	2	0.74			4800	19200	0.45
3/8	1	0.70	1.4	5.5	3800	15200	0.36
	2	0.82			4000	16000	0.57
1/2	1	0.82	1.6	5.7	2600	10400	0.43
	2	0.94			3700	14800	0.69
5/8	1	0.97	2.2	6.1	2400	9600	0.51
	2	1.09			2700	10800	0.82
3/4	1	1.19	2.8	6.5	2000	8000	0.64
	2	1.31			2200	8800	1.03
1	1	1.39	3.5	7.9	1500	6000	0.78
	2	1.51			2000	8000	1.25
1 1/4	1	1.75	4.1	9.4	1100	4400	1.15
	2	1.87			1600	6400	1.70
1 1/2	1	2.07	5.1	12.2	1000	4000	1.45
	2	2.19			1500	6000	2.16
2	1	2.55	6.7	14.6	750	3000	1.97
	2	2.67			1100	4400	2.83

Notes: The minimum bend radius is measured from the centerline of the hose. The minimum bend radius increases with pressure (see chart on page 70). The working pressure decreases with temperature (obtain derating factor on page 67). For rapid pressure fluctuations consult the factory.

Corrugated Metal Hose

