

HYDRAFLEX 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

50 - T304 Single Braid

55 - Double Braid

T316 Braid available upon request

Example: HF3450 = T316 helical 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	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

- 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