

Diebolt & Company

Product Notes & Specifications

MetalFlo Metal Hose

Series ML High Temperature Corrugated Metal Hose



Hose Description

Diebolt & Company, an industry leader in custom engineered high temperature hose assemblies is pleased to offer our Series MH High Pressure and Temperature Metal Hose. This high temperature hose is the ultimate problem solver by offering all the advantages of flexible stainless steel plus high temperature and pressure capability. We offer many years of fabrication experience, excellent quality and rapid delivery.

Tube

Available in 321 Stainless Steel, 316 Stainless Steel, and 304 Stainless Steel

Cover

304 Single Braid

Fittings

Male NPT, Female JIC and Flange are standard plus many others upon request.

Please contact our customer service department for additional specifications or a quote.

Table 1: Specifications

INSIDE DIAMETER	NUMBER OF BRAIDS	OUTSIDE DIAMETER	STATIC MIN. BEND RADIUS	DYNAMIC MIN. BEND RADIUS	WORKING PRESSURE (PSI)	BURST PRESSURE (PSI)	WEIGHT PER FOOT (LBS)
1/4"	1	0.47"	1.0"	4.5"	1800	7233	0.11
3/8"	1	0.71"	1.2"	5.0"	1558	6230	0.20
1/2"	1	0.83"	1.5"	5.5"	1186	4743	0.22
5/8"	1	1.02"	1.8"	7.0"	1205	4820	0.33
3/4"	1	1.22"	2.1"	8.0"	898	3591	0.37
1"	1	1.53"	2.7"	9.0"	718	2872	0.50
1-1/4"	1	1.83"	3.1"	10.0"	645	2581	0.61
1-1/2"	1	2.16"	3.9"	11.0"	531	2125	0.85
2"	1	2.69"	5.1"	13.0"	449	1797	1.11
2-1/2"	1	3.50"	6.8"	16.0"	417	1669	1.64
3"	1	3.98"	7.8"	18.0"	346	1384	2.06
4"	1	5.06"	9.8"	22.0"	299	1194	2.47

Table 1: Specifications

INSIDE DIAMETER	NUMBER OF BRAIDS	OUTSIDE DIAMETER	STATIC MIN. BEND RADIUS	DYNAMIC MIN. BEND RADIUS	WORKING PRESSURE (PSI)	BURST PRESSURE (PSI)	WEIGHT PER FOOT (LBS)
5"	1	6.13"	12.8"	28.0"	275	1099	3.61
6"	1	7.14"	14.8"	32.0"	210	839	4.44

Diebolt & Company

Call 1-800-DIEBOLT (343-2658) or email sales@dieboltco.com