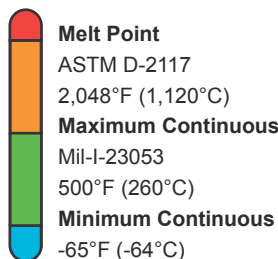


Silicone jacketed fiberglass sleeving is the choice of professionals in racing and other industries where protection from constant temperatures approaching 500°F is mandatory. MFI fiberglass/silicone sleeving is engineered to protect hoses, cables and wire harnesses from damage due to exposure to extreme heat, open flame, molten splash and welding sparks. The thick, high temperature fiberglass sleeve is jacketed with a non-permeable, heavy silicone coating that is flexible enough to follow tight radius curves, resists all automotive chemicals and solvents, and provides a substantial level of abrasion and puncture protection. MFI is completely non-conductive, will not melt, delaminate, become brittle or support combustion under normal conditions, and provides a professional level solution to thermal protection needs in any application.



- Stable to 500°F (260°C)
- Jacketed with a non-permeable, heavy silicone coating that is flexible enough to follow tight radius curves
- Contains radiant heat to prevent damage to nearby components
- Resists gasoline and engine chemicals
- Cut and abrasion resistant



Specifications are subject to change without notice

Order Number	Nominal width	Wall Thickness		Weight		Standard Spool Put-Ups	
	(NW)	(mm)	(in)	Kg/100m	Lbs/100'	(M)	(F)
MFI0.25	1/4"	1.8	0.072"	7.13	4.8	15	50
MFI0.38	3/8"	1.8	0.072"	9.36	6.3	15	50
MFI0.50	1/2"	1.8	0.072"	11.00	7.4	15	50
MFI0.63	5/8"	1.8	0.072"	13.08	8.8	15	50
MFI0.75	3/4"	1.8	0.072"	14.57	9.8	7.5	25
MFI0.88	7/8"	1.8	0.072"	15.01	10.1	7.5	25
MFI1.00	1"	1.8	0.072"	20.06	13.5	7.5	25
MFI1.25	1 1/4"	1.8	0.072"	20.81	14.0	7.5	25
MFI1.50	1 1/2"	1.8	0.072"	21.85	14.7	7.5	25
MFI1.75	1 3/4"	1.8	0.072"	24.23	16.3	7.5	25
MFI2.00	2"	1.8	0.072"	30.47	20.5	7.5	25
MFI2.25	2 1/4"	1.8	0.072"	34.03	22.9	7.5	25
MFI2.38	2 3/8"	1.8	0.072"	39.98	26.9	7.5	25
MFI2.50	2 1/2"	1.8	0.072"	42.06	28.3	7.5	25
MFI2.75	2 3/4"	1.8	0.072"	44.74	30.1	7.5	25
MFI2.88	2 7/8"	1.8	0.072"	47.56	32.0	7.5	25
MFI3.00	3"	1.8	0.072"	49.64	33.4	7.5	25
MFI3.50	3 1/2"	1.8	0.072"	55.29	37.2	7.5	25
MFI4.00	4"	1.8	0.072"	59.60	40.1	7.5	25

Abrasion Test Data

- Abrasion resistance: **Extremely High**
- Abrasion test machine: **Taber 5150**
- Abrasion test wheel: **Calibrase H-18**
- Abrasion test load: **500g**
- Room temperature: **71°F**
- Humidity: **61%**
- Small hole in coating: **400 Test Cycles**
- Several small holes worn through coating: **1,200 Test Cycles**
- Coating worn through, no wear on fiberglass: **4,800 T. Cycles**
- Fiberglass begins to show moderate wear: **6,500 Test Cycles**
- Material destroyed: **8,400 Test Cycles**
- Pre-test weight: **22,961.3 mg**
- Post-test weight: **20,942.2 mg**
- Test end loss of mass point of destruction: **2,019.1 mg**

Physical Properties

- Monofilament diameter: **N/A**
- Flammability rating a ASTM D-204: **Non-Flammable**
- Recommended cutting: **Scissor**
- Colours: **2 (RD) red / (BK) black**
- Wall thickness: **.072**

MFI - Chemical Resistance Index

	5 Severely Affected	4 More Affected	3 Affected	2 Little Effect	1 No Effect
Aromatic Solvents					
Aliphatic Solvents					
Chlorinated Solvents					
Weak Bases					
Salts					
Strong Bases					
Salt Water 0-S-1926					
Hydraulic Fluid MIL-H-5606					

	5 Severely Affected	4 More Affected	3 Affected	2 Little Effect	1 No Effect
Lube Oil MIL-L-7808					
De-Icing Fluid MIL-A-8243					
Strong Acids					
Strong Oxidants					
Esters/Ketones					
UV Light					
Petroleum					
Fungus ASTM G-21					