

MF6 unique split, semi-rigid braided construction makes it the ideal solution for situations where ease of installation is of primary importance. The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements, and the semi-rigid braid configuration simply closes around the entire installation without the need for any additional fasteners (Velcro, tape, etc.). The 10 mil braid is lightweight, quiet and flexible. The 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices.

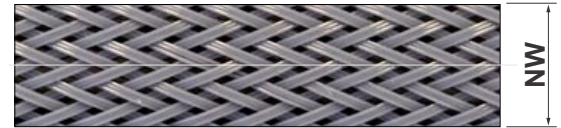


- Easy, cost and labour
- Effective installation
- More flexible than split convoluted or spiral wrap
- 25% edge overlap
- Soft and quiet in high vibration uses
- Cut and abrasion resistant
- Chemically inert
- Halogen free



TYPE	COLOUR
<b>MF6</b>	<b>0.50 BK</b>
<b>22</b>	
NW	PÙ

	<b>Melt Point</b>
	ASTM D-2117 482°F (250°C)
	<b>Maximum Continuous</b>
	Mil-I-23053 257°F (125°C)
	<b>Minimum Continuous</b>
	-94°F (-70°C)



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)
MF60.13BK.30	1/8"	0.60	0.024"	0.30	0.20	30.0	100
MF60.25BK.30	1/4"	0.64	0.025"	0.89	0.60	30.0	100
MF60.38BK.22	3/8"	0.64	0.025"	1.78	1.20	22.0	75
MF60.50BK.22	1/2"	0.64	0.025"	2.08	1.40	22.0	75
MF60.75BK.15	3/4"	0.64	0.025"	2.38	1.60	15.0	50
MF61.00BK.15	1"	0.97	0.038"	2.97	2.00	15.0	50
MF61.25BK.15	1 1/4"	0.97	0.038"	3.57	2.40	7.5	25
MF61.50BK.7.5	1 1/2"	0.97	0.038"	4.01	2.70	7.5	25
MF62.00BK.7.5	2"	0.97	0.038"	5.35	3.60	7.5	25

## Abrasion Test Data

- Abrasion resistance: **Medium**
- Abrasion test machine: **Taber 5150**
- Abrasion test wheel: **Calibrase H-18**
- Abrasion test load: **500g**
- Room temperature: **80°F**
- Humidity: **74%**
- Some scuffing visible: **550 test cycles**
- Significant wear is visible  
several braid filaments broken: **1,200 test cycles**
- Material wear out: **1,950 test cycles**
- Pre-test weight: **5,365.1 mg**
- Post-test weight: **4,850 mg**
- Test end loss of mass  
point of destruction: **515.1 mg**

## Physical Properties

- Monofilament diameter *ASTM D-204*: **.008-0.15**
- Flammability rating: **UL94 V-0**
- Recommended cutting: **Hot Knife**
- Colours: **4**
- Wall thickness: **.024-0.038**
- Tensile strength *ASTM D-2256 Lbs (Yarn)*: **6-10**
- Specific gravity *ASTM D-792*: **1.38**
- Moisture absorption% *ASTM D-570*: **.1-2**
- Hard vacuum data *ASTM E-595 at 10-5 torr*:  
TML **.19**  
CVCM **.00**  
WVR **.16**
- Smoke D-Max *ASTM E-662*: **56**
- Outgassing: **Med**
- Oxygen index *ASTM D-2863*: **21**

### MF6 - Chemical Resistance Index

	3	4	More Affected	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								

	3	4	More Affected	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								