


MFV features an easy wrap around design and extra overlap to ensure complete protection of important electronic communication and power systems. The new woven construction provides superior elastic flexibility with unbeatable coverage and the added advantage of a flame inhibitor to provide an extra level of safety. The unique blend of monofilament and multi filament polyester fibers form a sleeving with memory that causes the sleeve to self-close and snap back when opened. The combination of flame retardant, ease of installation, and complete coverage makes MFV an ideal solution for many commercial, aerospace and transportation applications.

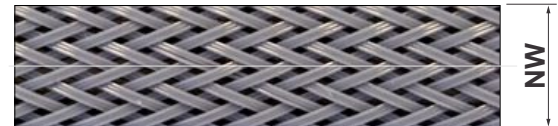


- High Coverage, Self-Wrapping Design
- UL and VW-1
- Passes Smoke Density Test ASTM E-662
- Passes Surface Flammability Test ASTM E-162
- Passes Smoke Toxicity Test SMP 800-C
- Melt Temp. 482°F (250°C)
- Colour: Black w/ White tracer (TB)



TYPE	COLOUR
MFV 0.38 TB .30	NW PU

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



Specifications are subject to change without notice

Order Number	Nominal Width	Wall Thickness		Weight		Standard Spool Put-Ups [Box B]	
	(NW)	(mm)	(in)	Kg/100m	Lbs/100'	(M)	(F)
MFV0.19TB.30	3/16"	0.68	0.027"	1.18	0.80	30	100
MFV0.38TB.30	3/8"	0.68	0.027"	1.78	1.20	30	100
MFV0.50TB.22	1/2"	0.68	0.027"	2.37	1.60	22	75
MFV0.75TB.15	3/4"	0.68	0.027"	3.70	2.50	15	50
MFV1.00TB.15	1"	0.68	0.027"	4.74	3.20	15	50
MFV1.25TB.7.5	1 1/4"	0.68	0.027"	5.48	3.70	7.5	25
MFV1.50TB.7.5	1 1/2"	0.68	0.027"	7.10	4.80	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: **70°F**
- Humidity: **63%**

Physical Properties

- Monofilament diameter: **.010**
- Multifilament diameter: **1200 Denier**
- Flammability rating *FMVSS-302 Approved*: **VW-1**
- Recommended cutting: **Hot Knife**
- Colours: **1**
- Wall thickness: **.027**
- Hard vacuum data *ASTM E-595 at 10-5 torr*:

TML **.19**
CVCM **.00**
WVR **.06**

- Smoke D-Max *ASTM E-662*: **275**
- Outgassing: **Med**
- Oxygen index *ASTM D-2863*: **31**

MFV - 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					