MFR Braided Wrap Sleeve

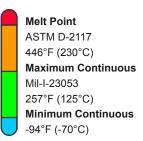
Flame spread is a vital safety consideration in applications as diverse as home built aircraft wiring for safely managing sound & lighting cables at clubs, concerts and theaters. To accommodate these issues and to provide unequaled flexibility and access, we have developed this unique sleeving product. MFR self-extinguishing fully complies with UL standard VW-1. The addition of a organic flame inhibitor to our triaxially braided split sleeving provides the perfect solution to a wide range of cable management needs. Easy slip over installation, complete access along the entire run, economy, durability and UL certified flame retardant make MFR ideal when the goal is to manage wires and cables safely and effectively.



- VW-1, FAR 25
- · Easy, cost and labour effective wraparound installation
- · More flexible than spiral wrap of split convoluted tubing
- 25% edge overlap
- · Resists chemicals & solvents
- · Cut and abrasion resistant
- · Colour: Black w/ White tracer (TB)









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)
MFR0.13TB.30	1/8"	0.61	0.024"	0.30	0.20	30	100
MFR0.25TB.30	1/4"	0.64	0.025"	0.89	0.60	30	100
MFR0.38TB.22	3/8"	0.64	0.025"	1.78	1.20	22	75
MFR0.50TB.22	1/2"	0.64	0.025"	2.08	1.40	22	75
MFR0.75TB.15	3/4"	0.64	0.025"	2.38	1.60	15	50
MFR1.00TB.15	1"	0.97	0.038"	2.97	2.00	15	50
MFR1.25TB.7.5	1 1/4"	0.97	0.038"	3.57	2.40	7.5	25
MFR1.50TB.7.5	1 1/2"	0.97	0.038"	4.01	2.70	7.5	25
MFR2.00TB.7.5	2"	0.97	0.038"	5.35	3.60	7.5	25

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Abrasion Test Data	Physical Properties			
Abrasion resistance: High	• Monofilament diameter ASTM D-204: .008015			
Abrasion test machine: Taber 5150	 Flammability rating FMVSS-302 Approved: VW-1 			
Abrasion test wheel: Calibrase H-18	 Recommended cutting: Scissors / HK 			
Abrasion test load: 500g	Colours: 1			
• Room temperature: 70 °F	 Wall thickness: .024038 			
Humidity: 63%	 Tensile strength ASTM D-2256 Lbs (Yarn): 4-6.5 			
Slight scuffing visible: 500 test cycles	 Specific gravity ASTM D-792: 1.38 			
Visible wear & five broken filaments: 1,200 test cycles	 Moisture absorption% ASTM D-570: .12 			
Material wear out: 1,600 test cycles	Hard vacuum data ASTM E-595 at 10-5 torr:			
Pre-test weight: 3,469.8 mg	TML .19			
Post-test weight: 3,114.0 mg	CVCM .04			
Test end loss of mass	WVR . 06			
point of destruction: 355.8 mg	• Smoke D-Max ASTM E-662: 275			
	Outgassing: Med			
	Oxygen index ASTM D-2863: 31			

MFR - Chemical Resistance Index						
Severely More Affected Little No Effect	Severely More Affected Little No Effect					
Aromatic Solvents	Lube Oil MIL-L-7808					
Aliphatic Solvents	De-Icing Fluid MIL-A-8243					
Chlorinated Solvents	Strong Acids					
Weak Bases	Strong Oxidants					
Salts	Esters/Ketones					
Strong Bases	UV Light					
Salt Water 0-S-1926	Petroleum					
Hydraulic Fluid MIL-H-5606	Fungus ASTM G-21					