



- VW-1, Mil-202 Approved
- Economical And Easy To Install
- Cut And Abrasion Resistant
- Resists Gasoline And Engine Chemicals
- Hook And Loop Closure For Easy And Repeatable Access

Put-Ups

Nominal Size	Part #	Hook & Loop Width	Recommended Application Diameter	Bulk Spool	Shop Spool	Available Colors	Lbs/100'
1/2"	FWF0.50TB	1/4"	0.50"	100'	20'	TB	1.30
3/4"	FWF0.75TB	5/8"	0.50"	100'	15'	TB	1.80
1 1/4"	FWF1.25TB	5/8"	1.00"	100'	12'	TB	2.30
2"	FWF2.00TB	5/8"	1.25"	100'	10'	TB	3.20
2 1/2"	FXF2.50TB	5/8"	-	100'	10'	TB	3.75



Cut Cleanly
Hot Knife

Easy On, Easy Off Access Will Not Support Combustion

Flame Retardant Flexo Wrap (FWF) provides the same hook and loop wire management flexibility as our standard Flexo Wrap along with the added safety feature of an organic flame inhibitor to provide an additional level of security.

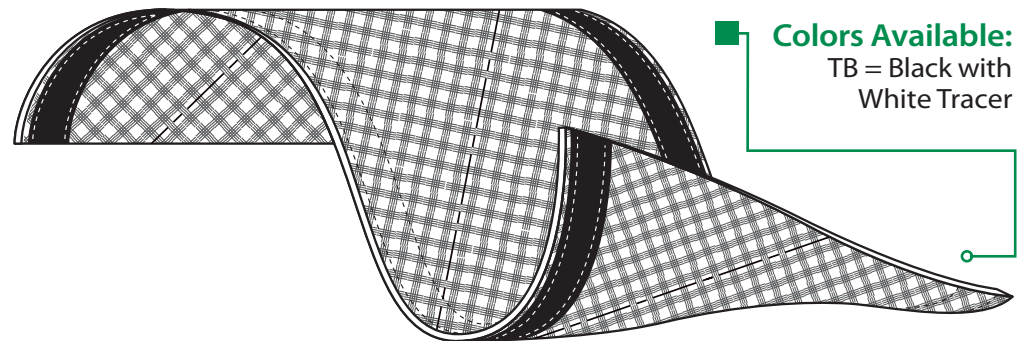
FWF is a safe, economical solution for a wide range of cable management applications where moderate levels of flame protection are needed.

Material
Polyethylene Terephthalate

Grade
FWF

Monofilament Diameter
.010"

Drawing Number
TF001FWFR-WD



Colors Available:
TB = Black with White Tracer

FLEXO WRAP FR is designed for quick and easy management of wire, cable and hose assemblies. Just separate the hook and loop fasteners along the edge of the material... and slip the entire length of FW around or under your harness or component assembly. The wide expandability range allows FW to easily fit around... odd-shaped connectors and gently constrict around the diameter of your wires. When the FW is in place, simply seal the hook and loop along the edges.



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ABRASION FLAMMABILITY

Abrasion Resistance
Medium

Rating _____ VW-1

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
70°F

Humidity
63%

Slight Scuffing And One Broken Filament
300 Test Cycles

Wear Continues Evenly Approximately One Dozen Filaments Broken
500 Test Cycles

Material Destroyed
900 Test Cycles

Pre-Test Weight
3,772.7 mg

Post-Test Weight
3,391.1 mg

Test End Loss Of Mass Point Of Destruction
381.6 mg

CHEMICAL RESISTANCE

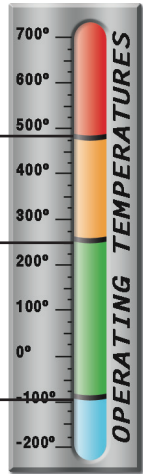
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

Aromatic Solvents _____	2
Aliphatic Solvents _____	1
Chlorinated Solvents _____	3
Weak Bases _____	1
Salts _____	1
Strong Bases _____	2
Salt Water 0-S-1926 _____	1
Hydraulic Fluid MIL-H-5606 _____	1
Lube Oil MIL-L-7808 _____	1
De-Icing Fluid MIL-A-8243 _____	1
Strong Acids _____	3
Strong Oxidants _____	2
Esters/Ketones _____	2
UV Light _____	1
Petroleum _____	1
Fungus ASTM G-21 _____	1
Halogen Free _____	Yes
RoHS _____	Yes
SVHC _____	None

Melt Point
ASTM D-2117
482°F (250°C)

Maximum Continuous
Mil-I-23053
257°F (125°C)

Minimum Continuous
-94°F (-70°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____	.010"
ASTM D-204	
Flammability Rating _____	VW-1
FMVSS-302 Approved	
Recommended Cutting _____	Hot Knife
Colors _____	1
Wall Thickness _____	.025"
Tensile Strength (Yarn) _____	5
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption _____	.1-.2
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	.19
CVCM _____	.04
WVR _____	.06
Smoke D-Max _____	275
ASTM E-662	
Outgassing _____	Med
Oxygen Index _____	31
ASTM D-2863	

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