

FLEXO[®] WRAP FR

- **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	Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
1/2"	FWF0.50TB	1/4"	100'	20'	TB	1.30
3/4"	FWF0.75TB	5/8"	100'	15'	TB	1.80
1 1/4"	FWF1.25TB	5/8"	100'	12'	TB	2.30
2"	FWF2.00TB	5/8"	100'	10'	TB	3.20
2 1/2"	FXF2.50TB	5/8"	100'	10'	TB	3.75



**Cut Cleanly
Hot Knife**

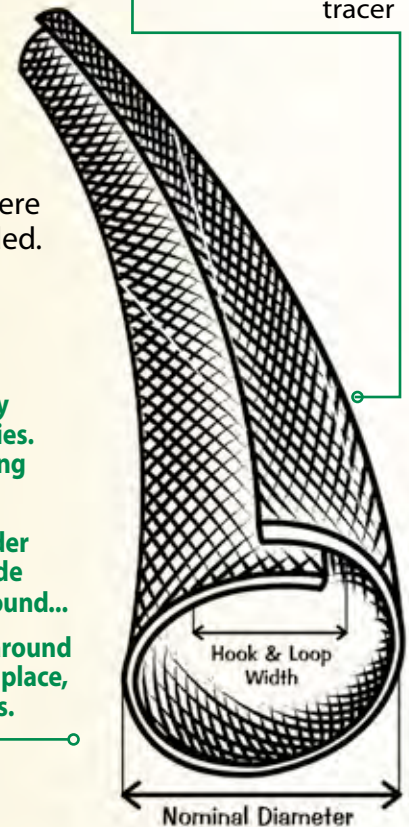
Easy On, Easy Off Access Will Not Support Combustion

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.

Colors Available:

TB = Black with white crisscross tracer



Material

Polyethylene Terephthalate

Grade

FWF

Monofilament Diameter

.010"

Drawing Number

TF001FWFR-WD

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.

FLEXO[®] WRAP FR



Abrasion Resistance
Medium

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



Rating _____ **VW-1**



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/Keytones	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)

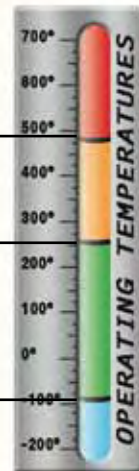
Maximum Continuous

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

Hook & Loop