

**FLEXO<sup>®</sup> 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



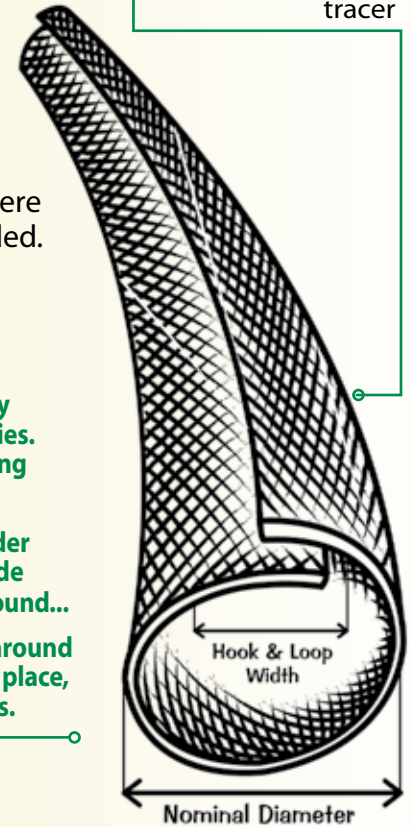
**Cut Cleanly  
Hot Knife**

**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



**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.**

**Material**  
**Polyethylene Terephthalate**

**Grade**  
**FWF**

**Monofilament Diameter**  
**.010"**

**Drawing Number**  
**TF001FWFR-WD**



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**FLEXO<sup>®</sup> 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**

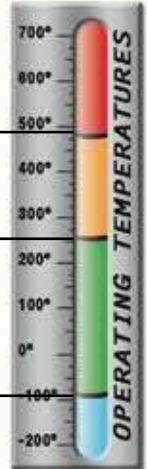
1=No Effect    4=More Affected  
 2=Little Effect    5=Severely Affected  
 3=Affected

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

