

- 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

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| | Cut Cleanly |
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| | Hot Knife |
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Material Polyethylene Terepthalate

Grade FWF

Monofilament Diameter .010"

Drawing Number TF001FWFR-WD



| | | 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′ | ТВ | 1.80 |
| 1 1/4″ | FWF1.25TB | 5/8″ | 1.00″ | 100′ | 12′ | ТВ | 2.30 |
| 2″ | FWF2.00TB | 5/8″ | 1.25″ | 100′ | 10′ | ТВ | 3.20 |
| 2 1/2" | FXF2.50TB | 5/8″ | - | 100′ | 10′ | ТВ | 3.75 |

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.



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.





700

600

500°

4000

3009

200°

100

-200°.



Abrasion Resistance Medium

Rating

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



1=No Effect 2=Little Effect 3=Affected

4=More Affected 5=Severely Affected

VW-1

| Aromatic Solvents | 2 |
|-----------------------------------|-----|
| Aliphatic Solvents | 1 |
| Chlorinated Solvents | 3 |
| Weak Bases | 1 |
| Salts | 1 |
| Strong Bases | |
| Salt Water 0-S-1926 | 1 |
| Hydraulic Fluid <i>MIL-H-5606</i> | 1 |
| Lube Oil <i>MIL-L-7808</i> | 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 | |
| | |

ASTM D-2117 482°F (250°C) **Maximum Continuous** Mil-I-23053 257°F (125°C)

Melt Point

Minimum Continuous -94°F (-70°C)

TEMPERATURES ERATING OP

PHYSICAL PROPERTIES

| Monofilament Diameter ASTM D-204 | .010″ |
|---|-------|
| Flammability Rating FMVSS-302 Approved | VW-1 |
| Recommended CuttingHot | Knife |
| Colors | 1 |
| Wall Thickness | .025″ |
| Tensile Strength (Yarn) ASTM D-2256 Lbs | 5 |
| Specific Gravity ASTM D-792 | _1.38 |
| Moisture Absorption % ASTM D-570 | 12 |
| Hard Vacuum Data ASTM E-595 at 10-5 torr | |
| TML | 19 |
| CVCM | 04 |
| WVR | 06 |
| Smoke D-Max <i>ASTM E-662</i> | _ 275 |
| Outgassing | Med |
| Oxygen Index ASTM D-2863 | 31 |

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