



**F6 WOVEN FR**

- High Coverage, Self-Wrapping Design
- UL, VW-1
- More Flexible than Split Convoluted or Spiral Wrap
- Ideal For Protecting Components Without Disconnecting Them
- Melt Temp. 482°F
- Cut And Abrasion Resistant

**Put-Ups**

Nominal Size	Part #	Wall Thickness	Standard Put-Ups			Available Colors	Overlap *A	Lbs/100'
			Bulk	A	B			
3/16"	F6V0.19TB	.027"	3,000'	500'	100'	TB	51%	0.8
3/8"	F6V0.38TB	.027"	2,000'	250'	100'	TB	41%	1.2
1/2"	F6V0.50TB	.027"	1,500'	200'	75'	TB	35%	1.6
3/4"	F6V0.75TB	.027"	1,000'	150'	50'	TB	28%	2.5
1"	F6V1.00TB	.027"	460'	100'	50'	TB	26%	3.2
1 1/4"	F6V1.25TB	.027"	330'	75'	25'	TB	25%	3.7
1 1/2"	F6V1.50TB	.027"	260'	50'	25'	TB	23%	4.8



**Cuts Cleanly**  
**Hot Knife**

**Material**

**PET Polyethylene Terephthalate**

**Grade**

**F6V**

**Filament Diameter**

**.010" Monofilament Polyester  
 1200 Denier Multifilament**

**Drawing Number**

**TF001FWPT-WD**

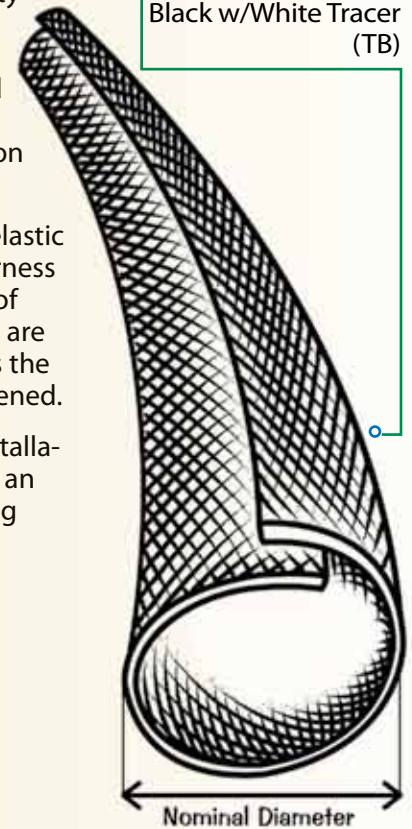
**Woven, Flame Retardant Split Tubular Harness Wrap**

F6 Woven FR Wrap has all the same qualities that our F6 Woven Wrap, with the added advantage of a flame inhibitor to provide an extra level of safety in certain applications. It utilizes many of the same characteristics as our original F6 split braided sleeving including the easy wrap around design and the extra overlap to insure complete protection of important electronic communication and power systems.

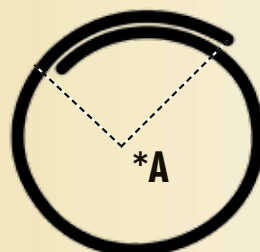
The new woven construction provides superior elastic flexibility with unbeatable coverage over any harness assembly. Through a unique process, the blend of monofilament and multifilament polyester fibers are formed into a sleeving with memory that causes the sleeve to self-close, and also snap back when opened.

The combination of flame retardance, ease of installation and complete coverage makes F6 Woven FR an ideal solution for many industrial and engineering applications.

**Colors Available:**  
 Black w/White Tracer (TB)



**The Right Overlap For Your Harness**



*The engineered overlap allows ideal flexibility without exposing wires and cables.*



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**VW-1**





**F6 WOVEN FR**



**Abrasion Resistance**  
**Medium**

**Abrasion Test Machine**  
**Taber 5150**

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**



Rating                      **VW-1**



**Chemical Resistance**

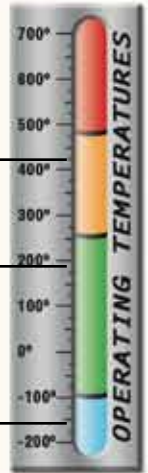
1=No Effect    4=More Affected  
 2=Little Effect    5=Severely Affected  
 3=Affected

Aromatic Solvents	<u>                    </u>	2
Aliphatic Solvents	<u>                    </u>	1
Chlorinated Solvents	<u>                    </u>	3
Weak Bases	<u>                    </u>	1
Salts	<u>                    </u>	1
Strong Bases	<u>                    </u>	2
Salt Water 0-S-1926	<u>                    </u>	1
Hydraulic Fluid MIL-H-5606	<u>                    </u>	1
Lube Oil MIL-L-7808	<u>                    </u>	1
De-Icing Fluid MIL-A-8243	<u>                    </u>	1
Strong Acids	<u>                    </u>	3
Strong Oxidants	<u>                    </u>	2
Esters/Keytones	<u>                    </u>	1
UV Light	<u>                    </u>	1
Petroleum	<u>                    </u>	1
Fungus ASTM G-21	<u>                    </u>	1
Halogen Free	<u>                    </u>	Yes
RoHS	<u>                    </u>	Yes
SVHC	<u>                    </u>	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**

**Filament Diameter:**  
 Monofilament Polyester                     .010  
 MultiFilament                      1200 Denier  
**Flammability Rating:**                      **VW-1 Pending**  
                     **Self Extinguishing, Type A**  
**Recommended Cutting**                      **Hot Knife**  
**Colors**                      **1**  
**Wall Thickness**                      **.027**  
**Hard Vacuum Data** *ASTM E-595 at 10<sup>-5</sup> torr*  
**TML (%)**                      **.19**  
**CVCM (%)**                      **.00**  
**WVR (%)**                      **.16**

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