

- Complies to HL2 According to the Railway Standard DIN EN 45545-2
- UL and VW-1
- Passes Smoke Density Test ASTM E-662
- Passes Surface Flammability Test ASTM E-162
- Passes Smoke Toxicity Test SMP 800-C
- Melt Temp. 482°F

Nominal Size	Part #	Wall Thickness	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

### Woven, Flame Retardant Split Tubular Harness Wrap

F6 Woven Wrap FR (F6V) is a VW-1 Rated version our industry recognized F6 Woven Wrap, with the added advantage of a flame inhibitor to provide an extra level of safety. 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 ensure 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 commercial and aerospace applications.

Colors Available:  
Black w/White Tracer (TB)



Cuts Cleanly  
Hot Knife

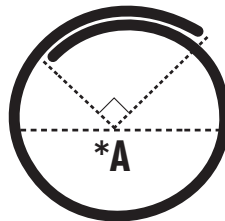
**Material**  
PET Polyethylene Terephthalate

**Grade**  
F6V

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

**Drawing Number**  
TF001FWPT-WD

#### The Right Overlap For Your Harness



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



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104 Demarest Road • Sparta, NJ 07871



DIN EN 45545-2





## ABRASION FLAMMABILITY

**Abrasion Resistance**  
**Medium**

Rating \_\_\_\_\_ VW-1

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

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

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

## CHEMICAL RESISTANCE

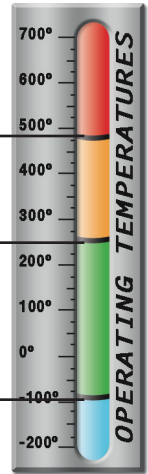
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

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

Filament Diameter:	
Monofilament Polyester _____	.010"
Multifilament _____	1200 Denier
Flammability Rating: _____	VW-1
Self Extinguishing, Type A	
Recommended Cutting _____	Hot Knife
Colors _____	1
Wall Thickness _____	.027"
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML (%) _____	.19
CVCM (%) _____	.00
WVR (%) _____	.06
Smoke D-Max _____	275
Outgassing _____	Med
Oxygen Index _____	31

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