



- High Coverage, Self-Wrapping Design
- Easy, Cost Effective Installation
- More Flexible than Split Convoluted or Spiral Wrap
- Ideal For Protecting Components Without Disconnecting Them
- Melt Temp. 482°F



Cut Cleanly  
Hot Knife

**Material**  
PET Polyethylene Terephthalate

**Grade**  
F6W

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

**Drawing Number**  
TF001FWPT-WD



www.techflex.com  
800.323.5140 • 973.300.9242 • fax: 973.300.9409  
104 Demarest Road • Sparta, NJ 07871

Put-Ups

Nominal Size	Part #	Wall Thickness	Standard Put-Ups			Available Colors	Overlap *A	Lbs/100'
			Bulk	A	B			
1/8"	F6W0.13	.027"	1,800'	900'	300'	BK & WH	40%	0.57
3/16"	F6W0.19	.027"	1,200'	600'	200'	BK & WH	51%	0.98
1/4"	F6W0.25	.027"	925'	450'	200'	BK & WH	44%	1.10
5/16"	F6W0.31	.027"	650'	325'	125'	BK & WH	40%	1.30
3/8"	F6W0.38	.027"	450'	225'	100'	BK & WH	41%	1.50
1/2"	F6W0.50	.027"	300'	150'	75'	BK & WH	35%	1.80
5/8"	F6W0.63	.027"	250'	125'	75'	BK & WH	30%	2.10
3/4"	F6W0.75	.027"	150'	100'	50'	BK & WH	28%	2.40
1"	F6W1.00	.027"	100'	75'	50'	BK & WH	26%	3.20
1 1/2"	F6W1.50	.027"	50'	25'	50'	BK & WH	23%	4.50
1 3/4"	F6W1.75	.027"	50'	10'	-	BK & WH	23%	5.00
2"	F6W2.00	.027"	40'	10'	-	BK & WH	23%	6.00

Woven, Split Tubular Harness Wrap

Woven Wrap has been engineered from the ground up to meet the demanding specifications of today's modern wiring harness industry.

F6-WW 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.

Wire harness professionals will also appreciate the increased abrasion resistance F6-WW will provide to their cable assemblies.

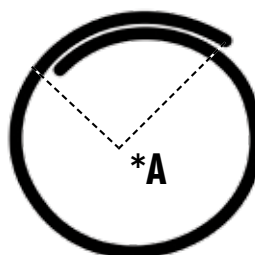
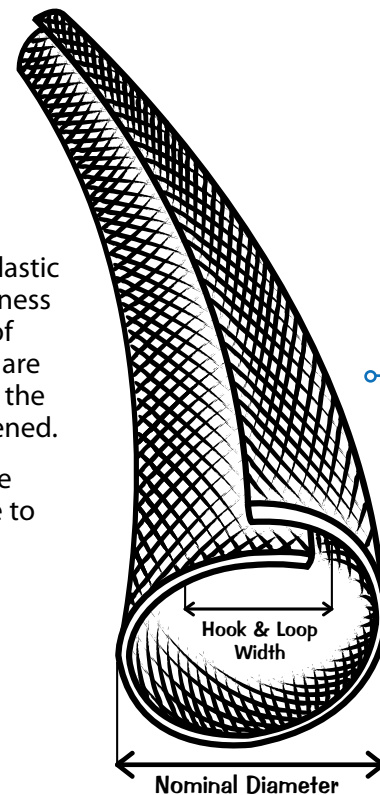
Colors Available:



Black (BK) and White (WH).

Colors Available:

Black (BK)  
& White (WH)



The Right Overlap  
For Your Harness

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





## **ABRASION** **FLAMMABILITY**

**Abrasion Resistance**  
**Medium**

Rating \_\_\_\_\_ UL94VO

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

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

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

**Room Temperature**  
**72°F**

**Humidity**  
**78%**

**Moderate Scuffing Visible**  
**125 Test Cycles**

**Significant Scuffing;**  
**Braid Separated**  
**Approx. 20%**  
**225 Test Cycles**

**Braid Begins to Break;**  
**Material Destroyed**  
**300 Test Cycles**

**Pre-Test Weight**  
**9,736.4 mg**

**Post-Test Weight**  
**9,328.6 mg**

**Test End Loss Of Mass**  
**Point Of Destruction**  
**407.8 mg**

## **CHEMICAL RESISTANCE**

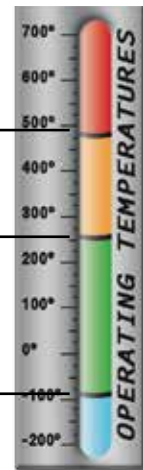
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

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 _____	1
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 \_\_\_\_\_ .009  
 Multifilament \_\_\_\_\_ 1200 Denier  
 Recommended Cutting \_\_\_\_\_ Hot Knife  
 Colors \_\_\_\_\_ 2  
 Wall Thickness \_\_\_\_\_ .027  
 Tensile Strength \_\_\_\_\_ 6-10  
 Specific Gravity \_\_\_\_\_ 1.38  
 Moisture Absorption% \_\_\_\_\_ .1-2  
 Hard Vacuum Data \_\_\_\_\_  
 ASTM E-595 at 10<sup>-5</sup> torr  
 TML (%) \_\_\_\_\_ .19  
 CVCM (%) \_\_\_\_\_ .00  
 WVR (%) \_\_\_\_\_ .16