



# FLEXO® F6 FR

- VW-1, FAR 25
- Easy, Cost And Labor Effective Wraparound Installation
- More Flexible Than Spiral Wrap Of Split Convuluted Tubing
- 25% Edge Overlap
- Resists Chemicals & Solvents
- Cut And Abrasion Resistant



**Cut Cleanly**  
**Hot Knife**

## Material

PET

## Grade

F6F

## Monofilament Diameter

.008" - .015"

## Drawing Number

TF001F6F-WD

## Put-Ups

| Nominal Size | Part #    | Wall Thickness | Monofilament Diameter | Bulk Box | Box A | Box B | Available Colors | Lbs/ 100' |
|--------------|-----------|----------------|-----------------------|----------|-------|-------|------------------|-----------|
| 1/8"         | F6F0.13TB | .024"          | .008"                 | 10,000'  | 400'  | 100'  | TB               | 0.20      |
| 1/4"         | F6F0.25TB | .025"          | .010"                 | 3,000'   | 200'  | 100'  | TB               | 0.60      |
| 3/8"         | F6F0.38TB | .025"          | .010"                 | 1,200'   | 150'  | 75'   | TB               | 1.20      |
| 1/2"         | F6F0.50TB | .025"          | .010"                 | 800'     | 150'  | 75'   | TB               | 1.40      |
| 3/4"         | F6F0.75TB | .025"          | .010"                 | 500'     | 100'  | 50'   | TB               | 1.60      |
| 1"           | F6F1.00TB | .038"          | .015"                 | 400'     | 100'  | 50'   | TB               | 2.00      |
| 1 1/4"       | F6F1.25TB | .038"          | .015"                 | 250'     | 75'   | 25'   | TB               | 2.40      |
| 1 1/2"       | F6F1.50TB | .038"          | .015"                 | 200'     | 75'   | 25'   | TB               | 2.70      |
| 2"           | F6F2.00TB | .038"          | .015"                 | 150'     | 50'   | 25'   | TB               | 3.60      |

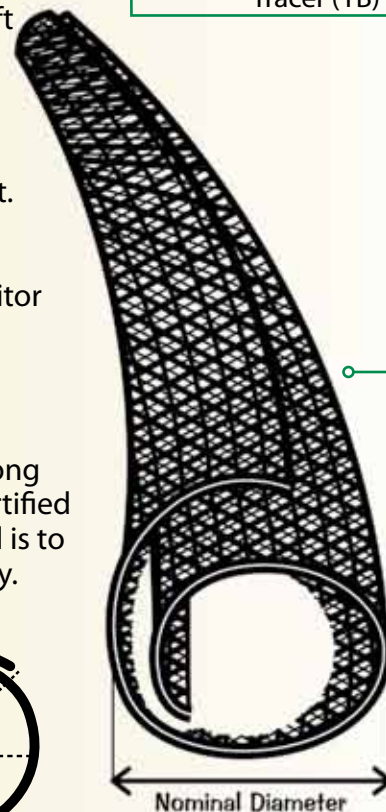
## Flexible, Semi-Rigid Split Sleeving Will Not Support Combustion

Flame spread is a vital safety consideration in applications as diverse as home built aircraft wiring and safely managing sound & lighting cables at clubs, concerts and theaters. To accommodate these issues, and to provide unequaled flexibility and access, we've developed this unique sleeving product.

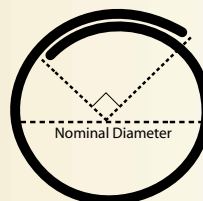
Self-extinguishing F6F fully complies with UL standard VW-1. The addition of a flame inhibitor to our triaxially braided F6 split sleeving provides the perfect solution to a wide range of cable management needs.

Easy slip over installation, complete access along the entire run, economy, durability and UL certified flame retardant make F6F ideal when the goal is to manage wires and cables safely and effectively.

**Colors Available:**  
Black with White Tracer (TB)



The large overlap allows easy installation over splices and incline connectors without exposing wires and cables.



[www.techflex.com](http://www.techflex.com)

800.323.5140 • 973.300.9242 • fax: 973.300.9409  
104 Demarest Road • Sparta, NJ 07871

**FAR-25 VW-1**





## FLEXO® F6 FR



**Abrasion Resistance**  
**High**

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

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

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

**Room Temperature**  
**70°F**

**Humidity**  
**63%**

**Slight Scuffing Visible**  
**500 Test Cycles**

**Visible Wear And Five**  
**Broken Filaments**  
**1,200 Test Cycles**

**Material Destroyed**  
**1,600 Test Cycles**

**Pre-Test Weight**  
**3,469.8 mg**

**Post-Test Weight**  
**3,114.0 mg**

**Test End Loss Of Mass**  
**Point Of Destruction**  
**355.8 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            | 1    |
| UV Light                   | 1    |
| Petroleum                  | 1    |
| Fungus ASTM G-21           | 1    |
| Halogen Free               | Yes  |
| RoHS                       | Yes  |
| SVHC                       | None |

**Melt Point**

ASTM D-2117

**446°F (230°C)**

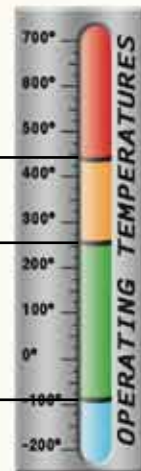
**Maximum Continuous**

Mil-I-23053

**257°F (125°C)**

**Minimum Continuous**

**-94°F (-70°C)**



### PHYSICAL PROPERTIES

**Monofilament Diameter** \_\_\_\_\_ **.008-.015**  
ASTM D-204

**Flammability Rating** \_\_\_\_\_ **VW-1**  
FMVSS-302 Approved

**Recommended Cutting** \_\_\_\_\_ **Scissor/HK**

**Colors** \_\_\_\_\_ **1**

**Wall Thickness** \_\_\_\_\_ **.024-.038**

**Tensile Strength (Yarn)** \_\_\_\_\_ **4-6.5**  
ASTM D-2256 Lbs

**Specific Gravity ASTM D-792** \_\_\_\_\_ **1.38**

**Moisture Absorption** \_\_\_\_\_ **.1-.2**  
% ASTM D-570

**Hard Vacuum Data ASTM E-595 at 10-5 torr**

**TML** \_\_\_\_\_ **.19**

**CVM** \_\_\_\_\_ **.04**

**WVR** \_\_\_\_\_ **.06**

**Smoke D-Max** \_\_\_\_\_ **275**  
ASTM E-662

**Outgassing** \_\_\_\_\_ **Med**

**Oxygen Index** \_\_\_\_\_ **31**  
ASTM D-2863