



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**

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" | 1,000' | 150' | 75' | TB | 1.20 |
| 1/2" | F6F0.50TB | .025" | .010" | 1,200' | 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" | 300' | 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 |



**Cut Cleanly
Hot Knife**

Material

PET

Grade

F6F

Monofilament Diameter

.008" - .015"

Drawing Number

TF001F6F-WD

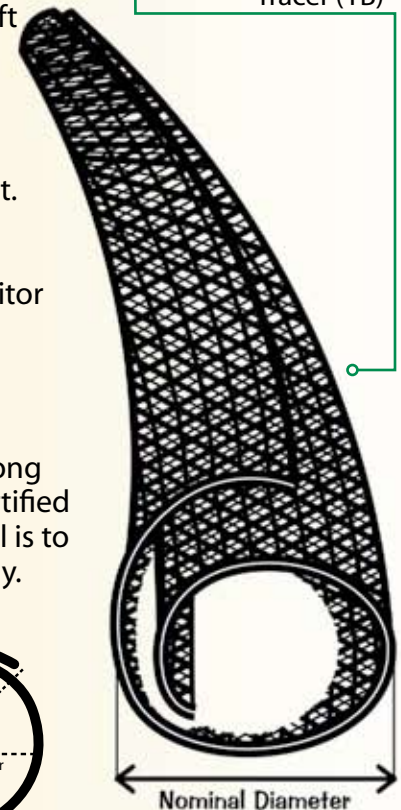
Flexible, Semi-Rigid Split Sleeving Will Not Support Combustion

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.

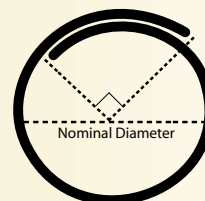
Self-extinguishing F6F fully complies with UL standard VW-1. The addition of a flame inhibitor to our triaxially braided F6 split sleeving provides the perfect solution to a wide range of cable management needs.

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

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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 |

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