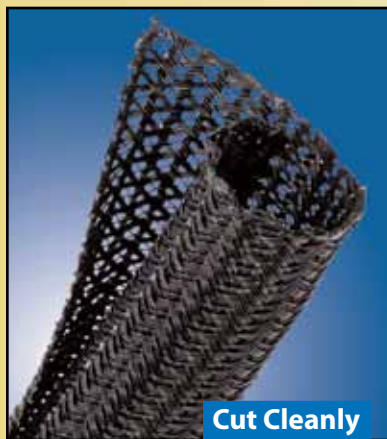




**FLEXO® F6**

- Easy, Cost And Labor Effective Installation
- More Flexible Than Split Convuluted Or Spiral Wrap
- 25% Edge Overlap
- Soft And Quiet In High Vibration Uses
- Cut And Abrasion Resistant
- Chemically Inert
- Haloge Free



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

**Material**  
Polyethylene Terephthalate

**Grade**  
F6N

**Monofilament Diameter**  
.008" - .015"

**Drawing Number**  
TF001F6-WD

**Put-Ups**

| Nominal Size | Part #  | Wall Thickness | Monofilament Diameter | Bulk Box | Box A | Box B | Available Colors | Lbs/100' |
|--------------|---------|----------------|-----------------------|----------|-------|-------|------------------|----------|
| 1/8"         | F6N0.13 | .024"          | .008"                 | 10,000'  | 400'  | 100'  | 4                | 0.20     |
| 1/4"         | F6N0.25 | .025"          | .010"                 | 3,000'   | 200'  | 100'  | 4                | 0.60     |
| 3/8"         | F6N0.38 | .025"          | .010"                 | 1,000'   | 150'  | 75'   | 4                | 1.20     |
| 1/2"         | F6N0.50 | .025"          | .010"                 | 1,200'   | 150'  | 75'   | 4                | 1.40     |
| 3/4"         | F6N0.75 | .025"          | .010"                 | 500'     | 100'  | 50'   | 4                | 1.60     |
| 1"           | F6N1.00 | .038"          | .015"                 | 400'     | 100'  | 50'   | 4                | 2.00     |
| 1 1/4"       | F6N1.25 | .038"          | .015"                 | 250'     | 75'   | 25'   | 4                | 2.40     |
| 1 1/2"       | F6N1.50 | .038"          | .015"                 | 250'     | 75'   | 25'   | 4                | 2.70     |
| 2"           | F6N2.00 | .038"          | .015"                 | 150'     | 50'   | 25'   | 4                | 3.60     |

**Flexible, Semi-Rigid Wrappable Split Braided Tube**

F6's unique split, semi-rigid braided construction makes it the ideal solution for situations where ease of installation is of primary importance. The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements, and the semi-rigid braid configuration simply closes around the entire installation without the need for any additional fasteners (velcro, tape, etc.)

The PET braid is lightweight, quiet and flexible. The 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices.

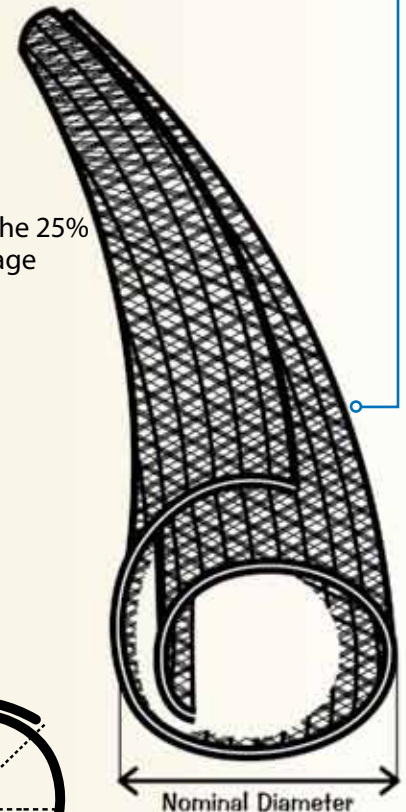
F6 will bend to a tight radius without distorting or splitting open and, unlike full rigid tubing, will not impair or affect the flexibility of harnesses.

Colors Available:

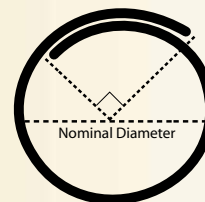


Black (BK), Orange (OR), Platinum Gray (PG) & Clear/White (CW).

■ **Colors Available:**  
4= BK, OR, PG, CW.



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





**FLEXO® F6**



**Abrasion Resistance**  
**Medium**

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

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

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

**Room Temperature**  
**80°F**

**Humidity**  
**74%**

**Some Scuffing Visible**  
**500 Test Cycles**

**Significant Wear Is Visible**  
**With Several Braid**  
**Filaments Broken**  
**1,200 Test Cycles**

**Material Destroyed**  
**1,950 Test Cycles**

**Pre-Test Weight**  
**5,365.1 mg**

**Post-Test Weight**  
**4,850 mg**

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



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



**Chemical Resistance**

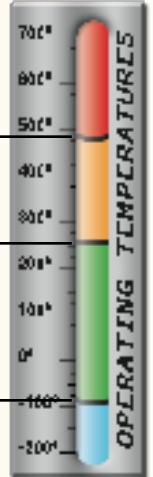
1=No Effect    4=More Affected  
 2=Little Effect    5=Severely Affected  
 3=Affected

|                                  |      |
|----------------------------------|------|
| 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  
**482°F (250°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 _____         | UL94      |
| Recommended Cutting _____         | Hot Knife |
| Colors _____                      | 4         |
| Wall Thickness _____              | .024-.038 |
| Tensile Strength (Yarn) _____     | 6-10      |
| ASTM D-2256 Lbs                   |           |
| Specific Gravity ASTM D-792 _____ | 1.38      |
| Moisture Absorption _____         | .1-.2     |
| % ASTM D-570                      |           |
| Hard Vacuum Data ASTM E-595       |           |
| TML _____                         | 19        |
| CVCM _____                        | .00       |
| WVR _____                         | .16       |
| Smoke D-Max _____                 | 56        |
| ASTM E-662                        |           |
| Outgassing _____                  | Med       |
| Oxygen Index _____                | 21        |
| ASTM D-2863                       |           |

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