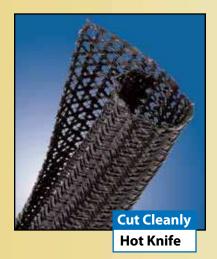
GENERAL PURPOSE Technical Data Sheet





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



Material Polyethylene Terepthalate

Grade F6N

Monofilament Diameter .008" - .015"

Drawing Number TF001F6-WD



www.techflex.com 800.323.5140 • 973.300.9242 • fax: 973.300.9409 29 Brookfield Dr • Sparta, NJ 07871

| - Hone | | | | Put-Ops | | | | |
|-----------------|-----------|-------------------|--------------------------|-------------|----------|----------|---------------------|--------------|
| 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.

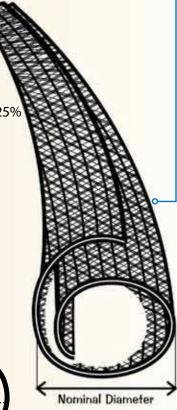
Colors Available:



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







АВУС 91 🗘 🕀 🧭

GENERAL PURPOSE Technical Data Sheet





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

| a . |
|------|
| a. |
| 125. |
| |
| |
| |
| 20 |
| |

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 | |
| 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 | |
| UV Light | |
| Petroleum | |
| Fungus ASTM G-21 | |
| Halogen Free | |
| RoHS | |
| SVHC | |
| | |

Melt Point 800* ASTM D-2117 Sàt" 482°F (250°C) 40.0* Maximum Continuous 800* Mil-I-23053 257°F (125°C) 2014 1àsh

Minimum Continuous -94°F (-70°C)

PHYSICAL PROPERTIES

| Monofilament Diam | eter008015 | | | | | |
|--|---------------------|--|--|--|--|--|
| Flammability Rating | <mark>J</mark> UL94 | | | | | |
| Recommended CuttingHot Knife | | | | | | |
| Colors | 4 | | | | | |
| Wall Thickness | .024038 | | | | | |
| Tensile Strength (Yarn)6-10 ASTM D-2256 Lbs | | | | | | |
| Specific Gravity ASTM D-7921.38 | | | | | | |
| Moisture Absorptior % ASTM D-570 | ı12 | | | | | |
| Hard Vacuum Data ASTM E-595 | | | | | | |
| TML | 19 | | | | | |
| CVCM | .00 | | | | | |
| WVR | .16 | | | | | |
| Smoke D-Max ASTM E-662 | 56 | | | | | |
| Outgassing | Med | | | | | |
| Oxygen Index ASTM D-2863 | 21 | | | | | |

TCMPCRATURES ERATING 9

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