

**Cut Cleanly**

**Hot Knife**

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**Material**
PET Polyethylene Terephthalate

**Grade**
F6W

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

**Drawing Number**
TF001F6W-WD

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**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.

F6W 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 F6W will provide to their cable assemblies.

Colors Available:
Black (BK), White (WH), & Carbon (CB).
ABRASION  FLAMMABILITY

**Abrasion Resistance**
- Low

**Abrasion Test Machine**
- Taber 5150

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

**Abrasion Test Load**
- 500g

**Room Temperature**
- 72°F

**Humidity**
- 78%

**Chemical Resistance**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic Solvents</td>
<td>2</td>
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<tr>
<td>Aliphatic Solvents</td>
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<tr>
<td>Chlorinated Solvents</td>
<td>3</td>
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<tr>
<td>Weak Bases</td>
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</tr>
<tr>
<td>Salts</td>
<td>1</td>
</tr>
<tr>
<td>Strong Bases</td>
<td>2</td>
</tr>
<tr>
<td>Salt Water 0-5-1926</td>
<td>1</td>
</tr>
<tr>
<td>Hydraulic Fluid MIL-H-5606</td>
<td>1</td>
</tr>
<tr>
<td>Lube Oil MIL-L-7808</td>
<td>1</td>
</tr>
<tr>
<td>De-Icing Fluid MIL-A-8243</td>
<td>1</td>
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<tr>
<td>Strong Acids</td>
<td>3</td>
</tr>
<tr>
<td>Strong Oxidants</td>
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</tr>
<tr>
<td>Esters/Ketones</td>
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<tr>
<td>UV Light</td>
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<tr>
<td>Petroleum</td>
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<tr>
<td>Fungus ASTM G-21</td>
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<tr>
<td>Halogen Free</td>
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<tr>
<td>RoHS</td>
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</tr>
<tr>
<td>SVHC</td>
<td>None</td>
</tr>
</tbody>
</table>

**FLAMMABILITY**

- Maximum Continuous: 257°F (125°C)
- Minimum Continuous: -94°F (-70°C)

**Chemical Resistance**
- Aromatic Solvents: 2
- Aliphatic Solvents: 1
- Chlorinated Solvents: 3
- Weak Bases: 1
- Salts: 1
- Strong Bases: 2
- Salt Water 0-5-1926: 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

**Physical Properties**

- Filament Diameter:
  - Monofilament Polyester: 0.009"  
  - Multifilament: 1200 Denier
- Recommended Cutting: Hot Knife
- Colors: 3
- Wall Thickness: 0.027"
- Tensile Strength: 6-10
- Specific Gravity: 1.38
- Moisture Absorption: 1-2
- Hard Vacuum Data:
  - ASTM E-595 at 10-5 torr
  - TML (%): 0.19
  - CVCM (%): 0.00
  - WVR (%): 0.16

**Melt Point**
- ASTM D-2117
  - 482°F (250°C)

**Maximum Continuous**
- Mil-I-23053
  - 257°F (125°C)

**Minimum Continuous**
- -94°F (-70°C)