Resists Fraying When Cut With Scissors

Increased Braid Density For Fuller Coverage

High Abrasion Resistance

Cut And Abrasion Resistant

Halogen Free

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### Technical Data Sheet

**Resists Fraying When Cut With Scissors**

**Increased Braid Density For Fuller Coverage**

**High Abrasion Resistance**

**Cut And Abrasion Resistant**

**Halogen Free**

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### General Purpose

**Technical Data Sheet**

**Resists Fraying When Cut With Scissors**

**Increased Braid Density For Fuller Coverage**

**High Abrasion Resistance**

**Cut And Abrasion Resistant**

**Halogen Free**

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### Scissor Cut For Easy, Fray Resistant Installation In Shop Or Field

By adjusting the physical characteristics of the polyethylene terephthalate filaments, the engineers at Techflex® have produced a product with the same specifications of our PT with the unique advantage of being able to cut the material with ordinary scissors and still maintain an extraordinarily fray-resistant end.

Flexo Clean Cut (CC) is ideal for field installers and other situations where access to a hot knife is impossible. CC’s fray-resistant properties allows frequent expansion at the cut-end without unraveling. When cut with a hot knife, CC produces a virtually frayless end.

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### Colors Available:

2 = BK and GY.

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### Material

**Polyethylene Terephthalate**

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### Grade

**CCP**

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### Monofilament Diameter

**.008”**

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### Drawing Number

**TF001CCPT-WD**

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### Put-Ups

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Part #</th>
<th>Expansion Range</th>
<th>Bulk Spool</th>
<th>Shop Spool</th>
<th>Available Colors</th>
<th>Lbs/100’</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8”</td>
<td>CCP0.13</td>
<td>1/8” 1/4”</td>
<td>1,000’ 100’</td>
<td>2</td>
<td>0.40</td>
<td></td>
</tr>
<tr>
<td>1/4”</td>
<td>CCP0.25</td>
<td>5/32” 7/16”</td>
<td>1,000’ 100’</td>
<td>2</td>
<td>0.46</td>
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<tr>
<td>3/8”</td>
<td>CCP0.38</td>
<td>3/16” 5/8”</td>
<td>500’ 100’</td>
<td>2</td>
<td>0.74</td>
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<tr>
<td>1/2”</td>
<td>CCP0.50</td>
<td>1/4” 3/4”</td>
<td>500’ 100’</td>
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<td>0.82</td>
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</tr>
<tr>
<td>3/4”</td>
<td>CCP0.75</td>
<td>5/8” 1”</td>
<td>250’ 75’</td>
<td>2</td>
<td>1.11</td>
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</tr>
<tr>
<td>1”</td>
<td>CCP1.00</td>
<td>3/4” 3/16”</td>
<td>250’ 50’</td>
<td>2</td>
<td>1.24</td>
<td></td>
</tr>
<tr>
<td>1 1/4”</td>
<td>CCP1.25</td>
<td>1” 1 1/2”</td>
<td>250’ 50’</td>
<td>2</td>
<td>1.56</td>
<td></td>
</tr>
<tr>
<td>1 1/2”</td>
<td>CCP1.50</td>
<td>1 1/4” 2”</td>
<td>250’ 50’</td>
<td>2</td>
<td>1.85</td>
<td></td>
</tr>
<tr>
<td>1 3/4”</td>
<td>CCP1.75BK</td>
<td>1 1/2” 2 1/8”</td>
<td>200’ 50’</td>
<td>2</td>
<td>2.30</td>
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</tr>
<tr>
<td>2”</td>
<td>CCP2.00BK</td>
<td>1 3/4” 2 1/2”</td>
<td>200’ 50’</td>
<td>2</td>
<td>2.80</td>
<td></td>
</tr>
</tbody>
</table>

### Colors Available:

2 = BK and GY.

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### Cut Cleanly

Scissors

Cut Cleanly

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### Cuts easily and neatly with regular scissors and maintains a fray resistant end during installation. When scissor cut, the end of Clean Cut will withstand heavier handling without fraying than standard PT.

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### Colors Available:

Black (BK) and Gray (GY).
**ABRASION RESISTANCE**

- Aromatic Solvents: 2
- Aliphatic Solvents: 1
- Chlorinated Solvents: 3
- Weak Bases: 1
- Salts: 1
- Strong Bases: 2
- Salt Water: 2
- Hydraulic Fluid: 1
- Lube Oil: 1
- De-Icing Fluid: 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

**CHEMICAL RESISTANCE**

A Few Strands Beginning To Pull Out Of Sample 550 Test Cycles

- Aromatic Solvents: 2
- Aliphatic Solvents: 1
- Chlorinated Solvents: 3
- Weak Bases: 1
- Salts: 1
- Strong Bases: 2
- Salt Water: 2
- Hydraulic Fluid: 1
- Lube Oil: 1
- De-Icing Fluid: 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**

- Monofilament Diameter: .008”
- Flammability Rating: UL94
- Recommended Cutting: Scissor/HK
- Colors: 2
- Wall Thickness: .024”
- Tensile Strength (Yarn): 6
- ASTM D-2256 Lbs
- Specific Gravity: 1.38
- Hard Vacuum Data: ASTM E-595 at 10-5 torr
- TML: .19
- CVCM: .00
- WVR: .16
- Smoke D-Max: 56
- ASTM E-662
- Outgassing: Med
- Oxygen Index: 21
- ASTM D-2863

**MELT POINT**

- ASTM D-2117
- 482°F (250°C)

**OPERATING TEMPERATURES**

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

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