Economical And Easy To Install

Resists Gasoline And Engine Chemicals

Conductive Mylar For Shielding Applications

Ideal For Exposed Applications

Cut And Abrasion Resistant

Colors Available:
Copper (CP), Silver (SV), Gold (GL).

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>1/4”</td>
<td>CXN0.25SV</td>
<td>1/8” – 1/4”</td>
<td>500’</td>
<td>125’</td>
<td>CP, SV, GL</td>
<td>0.25</td>
</tr>
<tr>
<td>5/16”</td>
<td>CXN0.31SV</td>
<td>1/8” – 5/16”</td>
<td>250’</td>
<td>100’</td>
<td>CP, SV, GL</td>
<td>0.36</td>
</tr>
<tr>
<td>1/2”</td>
<td>CXN0.50SV</td>
<td>1/8” – 1/2”</td>
<td>250’</td>
<td>80’</td>
<td>CP, SV, GL</td>
<td>0.52</td>
</tr>
<tr>
<td>3/16”</td>
<td>CXN0.75SV</td>
<td>1/8” – 3/16”</td>
<td>200’</td>
<td>40’</td>
<td>CP, SV, GL</td>
<td>0.83</td>
</tr>
<tr>
<td>1 1/4”</td>
<td>CXN1.25SV</td>
<td>1/2” – 1”</td>
<td>100’</td>
<td>30’</td>
<td>CP, SV, GL</td>
<td>1.25</td>
</tr>
<tr>
<td>1 3/4”</td>
<td>CXN1.50SV</td>
<td>1/2” – 3”</td>
<td>100’</td>
<td>25’</td>
<td>CP, SV, GL</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Put-Ups

Material
Mylar

Grade
CXN

Monofilament Diameter
.005”

Drawing Number
TF001CXN-WD

Put-Ups

Economical And Easy To Install

Resists Gasoline And Engine Chemicals

Conductive Mylar For Shielding Applications

Ideal For Exposed Applications

Cut And Abrasion Resistant

Impressive High Performance Braided Metal Looks


These heavy duty metalized mylar sleeves are ideal for dressing up any application with the look of braided stainless steel. The standard CH has a more open look, with transparent PET braided together with the metallic strands to create a slight glimmer when light strikes it and to allow the color of the application to come through for a special effect.

Our new X-tra coverage product, Chrome XC, provides fuller coverage with no transparent elements in the braided construction and results in a smooth, continuous metallic shine on any application. Application possibilities include installing clear heatshrink tubing over hoses covered with Chrome for a unique effect.

Application possibilities include installing clear heatshrink tubing over hoses covered with Chrome for a unique effect.

Colors Available:
Copper (CP), Silver (SV), Gold (GL).

Mylar® is a registered trademark of DuPont Corporation.
**ABRASION**

**Abrasion Resistance**

Medium

**Abrasion Test Machine**

Taber 5150

**Abrasion Test Wheel**

Calibrase H-18

**Abrasion Test Load**

500g

**Room Temperature**

70°F

**Humidity**

50%

**Scuffing And A Few Chrome Strands Broken**

20 Test Cycles

**Wear Pattern Continues**

400 Test Cycles

**Strands Beginning To Break Down Rapidly**

600 Test Cycles

**Braid Worn Through In Both Directions Material Destroyed**

700 Test Cycles

**Pre-Test Weight**

2,906 mg

**Post-Test Weight**

2,783.3 mg

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

122.7 mg

---

**CHEMICAL RESISTANCE**

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

<table>
<thead>
<tr>
<th>Solvent Type</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic Solvents</td>
<td>2</td>
</tr>
<tr>
<td>Aliphatic Solvents</td>
<td>1</td>
</tr>
<tr>
<td>Chlorinated Solvents</td>
<td>3</td>
</tr>
<tr>
<td>Weak Bases</td>
<td>1</td>
</tr>
<tr>
<td>Salts</td>
<td>1</td>
</tr>
<tr>
<td>Strong Bases</td>
<td>3</td>
</tr>
<tr>
<td>Salt Water 0-S-1926</td>
<td>1</td>
</tr>
<tr>
<td>Hydraulic Fluid</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>
</tr>
<tr>
<td>Strong Acids</td>
<td>3</td>
</tr>
<tr>
<td>Strong Oxidants</td>
<td>2</td>
</tr>
<tr>
<td>Esters/Ketones</td>
<td>1</td>
</tr>
<tr>
<td>UV Light</td>
<td>1</td>
</tr>
<tr>
<td>Petroleum</td>
<td>1</td>
</tr>
<tr>
<td>Fungus ASTM G-21</td>
<td>1</td>
</tr>
<tr>
<td>Halogen Free</td>
<td>Yes</td>
</tr>
<tr>
<td>RoHS</td>
<td>Yes</td>
</tr>
<tr>
<td>SVHC</td>
<td>None</td>
</tr>
</tbody>
</table>

---

**PHYSICAL PROPERTIES**

**Melt Point**

ASTM D-2117

482°F (250°C)

**Maximum Continuous**

Mil-I-23053

257°F (125°C)

**Minimum Continuous**

-94°F (-70°C)

**Monofilament Diameter**

.005"  
ASTM D-204

**Recommended Cutting**

Hot Knife

**Colors**

1

**Wall Thickness**

.013"

**Specific Gravity**

1.3  
ASTM D-792

**Moisture Absorption**

.1-.2  
% ASTM D-570

**Hard Vacuum Data**

ASTM E-595 at 10-5 torr

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TML</td>
<td>.19</td>
</tr>
<tr>
<td>CVCM</td>
<td>.00</td>
</tr>
<tr>
<td>WVR</td>
<td>.14</td>
</tr>
<tr>
<td>Outgassing</td>
<td>Med</td>
</tr>
<tr>
<td>Oxygen Index</td>
<td>21</td>
</tr>
</tbody>
</table>

**ASTM D-2863**

---

© 2020 Techflex® - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Techflex® is strictly forbidden.

Techflex® product names and logos are registered trademarks of Techflex®, unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable. Techflex® makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex’s® only obligations are those in standard terms of sale for these products and Techflex® will not be liable for any consequential or other damages arising due to misuse of these products or typographical errors or omissions.

Users should make their own evaluation to determine the suitability of these products for their unique and specific applications.

01-08