

# SPECIALTY

## Technical Data Sheet



# CHROME XC

- Economical And Easy To Install
- Resists Gasoline And Engine Chemicals
- Conductive Mylar For Shielding Applications
- Ideal For Exposed Applications
- Cut And Abrasion Resistant



Cut Cleanly  
Hot Knife

**Material**  
Mylar

**Grade**  
CXN

**Monofilament Diameter**  
.005"

**Drawing Number**  
TF001CXN-WD

| Nominal Size | Part #    | Expansion Range |        | Bulk Spool | Shop Spool | Available Colors | Lbs/100' |
|--------------|-----------|-----------------|--------|------------|------------|------------------|----------|
|              |           | Min             | Max    |            |            |                  |          |
| 1/4"         | CXN0.25SV | 1/4"            | 5/16"  | 500'       | 125'       | SV & GL          | 0.25     |
| 5/16"        | CXN0.31SV | 5/16"           | 1/2"   | 250'       | 100'       | SV & GL          | 0.36     |
| 1/2"         | CXN0.50SV | 1/2"            | 3/4"   | 250'       | 80'        | SV & GL          | 0.52     |
| 3/4"         | CXN0.75SV | 3/4"            | 1 3/8" | 200'       | 40'        | SV & GL          | 0.83     |
| 1 1/4"       | CXN1.25SV | 1 1/4"          | 2"     | 100'       | 30'        | SV & GL          | 1.25     |
| 1 1/2"       | CXN1.50SV | 1 1/2"          | 3"     | 100'       | 25'        | SV & GL          | 1.50     |

### Impressive High Performance Braided Metal Looks

No installation hassles. No surface abrasion. No ridiculous expense. Just the look of polished braided steel.

These heavy duty metallized 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.

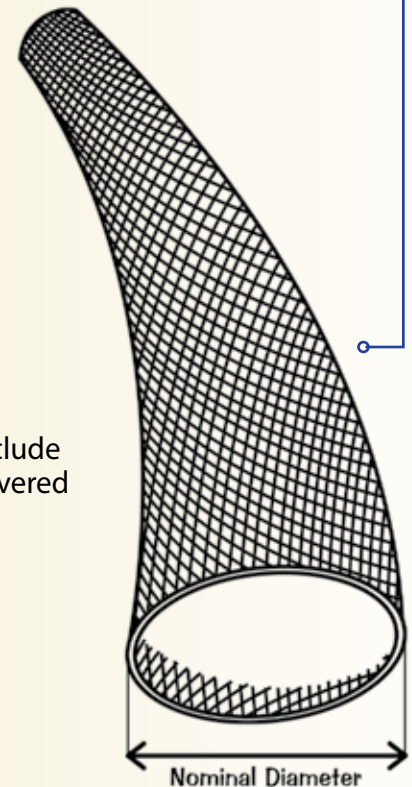
Our new X-tra coverage product, Chrome XC, provides fuller coverage with no transparent elements in the braided construction and results in a smooth, continuous metallic shine on any application. Application possibilities include installing clear heatshrink tubing over hoses covered with Chrome for a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

Colors Available:



Silver (SV) and Gold (GL).

- Colors Available: Silver (SV) & Gold (GL)



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



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**HALOGEN FREE**



**CHROME XC**



**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

|                                  |      |
|----------------------------------|------|
| Aromatic Solvents _____          | 2    |
| Aliphatic Solvents _____         | 1    |
| Chlorinated Solvents _____       | 3    |
| Weak Bases _____                 | 1    |
| Salts _____                      | 1    |
| Strong Bases _____               | 3    |
| 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  
**500°F (260°C)**

**Maximum Continuous**  
 Mil-I-23053  
**302°F (150°C)**

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



**PHYSICAL PROPERTIES**

|  |           |
|--|-----------|
| Monofilament Diameter _____              | .005      |
| ASTM D-204                               |           |
| Recommended Cutting _____                | Hot Knife |
| Colors _____                             | 2zz       |
| Wall Thickness _____                     | .013      |
| Specific Gravity ASTM D-792 _____        | 1.3       |
| Moisture Absorption _____                | .1-.2     |
| % ASTM D-570                             |           |
| Hard Vacuum Data ASTM E-595 at 10-5 torr |           |
| TML _____                                | .19       |
| CVCM _____                               | .00       |
| WVR _____                                | .14       |
| Outgassing _____                         | Med       |
| Oxygen Index _____                       | 21        |
| ASTM D-2863                              |           |

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