

SPECIALTY

Technical Data Sheet

Chrome^{XC}

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.

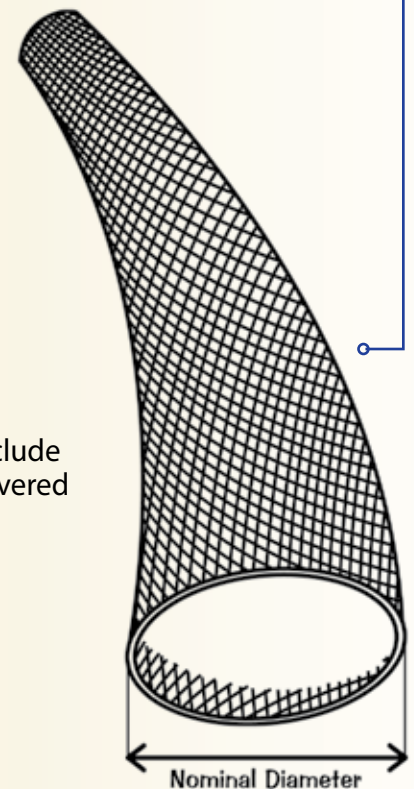
Our new X-tra coverage product, Chrome XC, provides fuller coverage with no transparent elements in the braided construction and results in a smooth, continuous metallic shine on any application. Application possibilities include installing clear heatshrink tubing over hoses covered with Chrome for a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

Colors Available:



Silver (SV) and Gold (GL).

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www.techflex.com

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