



- Outstanding Protection Against Abrasion And Cut-Through
- Resists Gasoline, Engine Chemicals & Cleaning Solvents
- Expands Up To 150%
- Does Not Trap Heat Or Humidity
- Resin Coated
- Resists Fraying When Cut With Scissors



Cut Cleanly
Scissors

Material

Polyethylene Terephthalate and Nylon 6-6 Polyamide

Grade

CCH

Monofilament Diameter

.010" and .015"

Drawing Number

TF001CCH-WD

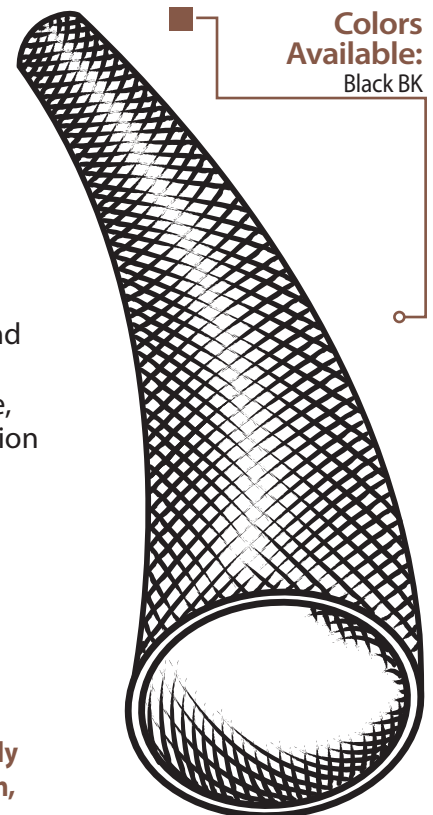
Put-Ups

Nominal Size	Part #	Wall Thickness	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
			Min	Max				
1/8"	CCH0.13BK	.0285"	1/8"	1/4"	1,000'	100'	Black (BK)	0.28
1/4"	CCH0.25BK	.0285"	1/8"	3/8"	1,000'	100'	Black (BK)	0.42
3/8"	CCH0.38BK	.0285"	1/4"	1/2"	500'	100'	Black (BK)	0.80
1/2"	CCH0.50BK	.0285"	3/8"	3/4"	500'	100'	Black (BK)	1.06
3/4"	CCH0.75BK	.0285"	3/4"	1 1/4"	250'	75'	Black (BK)	1.60
1"	CCH1.00BK	.0285"	1"	1 1/2"	250'	50'	Black (BK)	1.71
1 1/4"	CCH1.25BK	.0285"	1 1/4"	2 1/4"	250'	50'	Black (BK)	2.02
1 1/2"	CCH1.50BK	.0285"	1 1/2"	2 1/2"	200'	50'	Black (BK)	2.70
2"	CCH2.00BK	.0285"	2"	3 1/4"	100'	25'	Black (BK)	3.36

Cut Easily. Protect Confidently.

CLEAN CUT HD (CCH) is perfect for heavy duty applications where there is no access to a hot knife. This dual monofilament sleeve is constructed with 10 mil polyethylene terephthalate (PET) and 15 mil nylon 6-6 polyamide monofilament yarns for superior strength. For an extra level of protection, a resin coating is applied to offer improved abrasion, cut, and fray resistance. The open-weave construction expands to fit several application shapes and sizes, and also makes this sleeving highly flexible and resistant to trapping moisture, heat and humidity.

Clean Cut HD is commonly used in military, marine, and industrial applications where additional abrasion and moisture protection is needed.



Colors Available:
Black BK

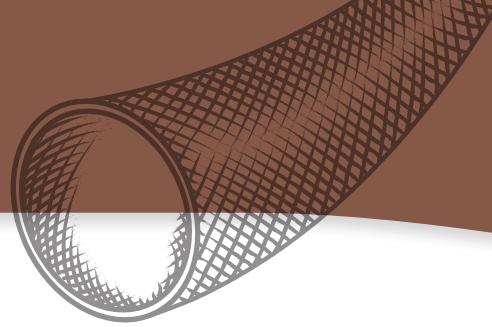
Protects hydraulic, pneumatic, fluidic, or thermally insulated hoses and wire harnesses from abrasion, cut-through, and flying debris.



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ABRASION

Abrasion Resistance
Very High

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
75°F

Humidity
15%

Slightly Worn
400 Test Cycles

Worn To One Thread Break
1,000 Test Cycles

Fraying
1,600 Test Cycles

**Material Destroyed -
Broken Filaments**
3,600 Test Cycles

Pre-Test Weight
3,691.4 mg

Post-Test Weight
2,073.8 mg

**Test End Loss Of Mass
Point Of Destruction**
1,617.6 mg

CHEMICAL RESISTANCE

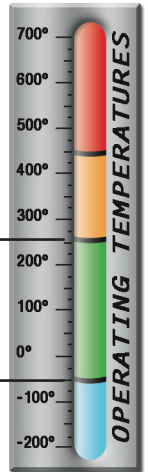
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

Engine Oil _____	1
SAE J 2192	
Gasoline _____	1
SAE J 2192	
Diesel Fuel _____	1
SAE J 2192	
Power Steering Fluid _____	1
SAE J 2192	
Transmission Fluid _____	1
SAE J 2192	
Engine Coolant _____	1
SAE J 2192	
Battery Fluid _____	1
SAE J 2192	
5% NaCl (Salt Water) _____	1
SAE J 2192	
RoHS _____	Yes

Melt Point
ASTM D-2117
509°F (265°C)

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

Minimum Continuous
-49°F (-45°C)



FLAMMABILITY

Rating _____ Self Extinguishing
SAE FMVSS-302

PHYSICAL PROPERTIES

Monofilament Diameter__ .010" & .015"
ASTM D-204
Flammability Rating_Self Extinguishing
FMVSS-302 Approved
Recommended Cutting ___ Scissors/HK
Colors _____ 1
Wall Thickness_____ .0285"

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