

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



Material

Polyethylene Terephthalate and Nylon 6-6 Polyamide

Grade

CCH

Monofilament Diameter

.010" and .015"

Drawing Number TF001CCH-WD



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Nominal Size	Part #	Wall Thickness	Expansio Min	n Range Max	Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
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

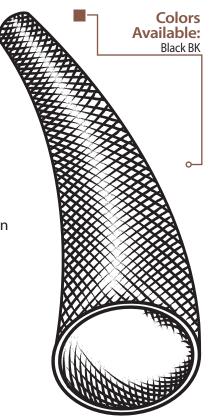
Put-Ups

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 terephtholate (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.

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







700°

600

500

400°

300°

200°

100°

-100°_

-200°.



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 ma

RES	SISTANCE
1=No Effect	4=More Affected
2=Little Effect	5=Severely Affecte

3=Affected

 π CHEMICAL

ore Affected 5=Severely Affected

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

FLAMMABILITY

Melt Point

ASTM D-2117

Mil-I-23053

509°F (265°C)

257°F (125°C)

-49°F (-45°C)

Maximum Continuous

Minimum Continuous.

Rating SAE FMVSS-302 Self Extinguishing



Monofilament Diameter010" & .015" ASTM D-204
Flammability Rating_Self Extinguishing FMVSS-302 Approved
Recommended CuttingScissors/HK
Colors 1
Wall Thickness0285"

TEMPERATURES

OPERATING

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