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ELECTRONICS

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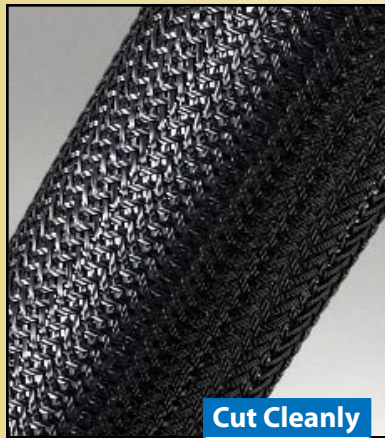
Jameco Part Number 162165



# FLEXO® CLEAN CUT

- Resists Fraying When Cut With Scissors
- Increased Braid Density For Fuller Coverage
- High Abrasion Resistance
- Cut And Abrasion Resistant
- Custom Lengths Available

NOMINAL SIZE	EXPANSION RANGE		PART #	Put-Ups					AVAILABLE COLORS	LBS/ 100'
	MIN	MAX		BULK SPOOL	SHOP SPOOL	RETAIL	CLAM	BAG		
1/8"	1/8"	1/4"	CCP0.13	1,000'	100'	50'	25'	10'	2	0.40
1/4"	5/32"	7/16"	CCP0.25	1,000'	100'	50'	25'	10'	2	0.46
3/8"	3/16"	5/8"	CCP0.38	500'	100'	50'	25'	10'	2	0.74
1/2"	1/4"	3/4"	CCP0.50	500'	100'	50'	25'	10'	2	0.82
3/4"	5/8"	1"	CCP0.75	250'	75'	40'	25'	10'	2	1.11
1"	3/4"	1 3/16"	CCP1.00	250'	50'	25'	n/a	10'	2	1.24
1 1/4"	1"	1 1/2"	CCP1.25	250'	50'	25'	n/a	10'	2	1.56
1 1/2"	1 1/4"	2"	CCP1.50	250'	50'	25'	n/a	10'	2	1.85



**Cut Cleanly  
Scissors**

## Scissor Cut for Easy, Fray Resistant Installation in Shop or Field

By adjusting the physical characteristics of the polyethylene terephthalate filaments, the engineers at Techflex have produced a product with the same specifications of our PT with the unique advantage of being able to cut the material with ordinary scissors and still maintain an extraordinarily fray-resistant end.

Flexo Clean Cut (CC) is ideal for field installers and other situations where access to a hot knife is impossible. CC's fray-resistant properties allows frequent expansion at the cut-end without unraveling. When cut with a hot knife, CC produces a virtually frayless end.

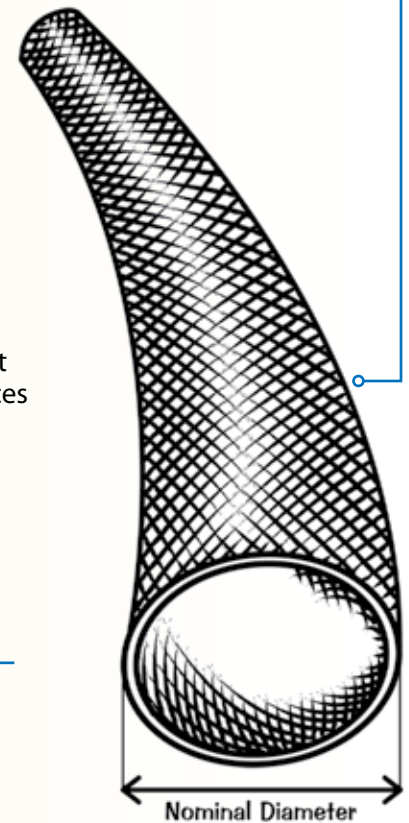
**Cuts easily and neatly with regular scissors and maintains a fray resistant end during installation. When scissor cut, the end of Clean Cut will withstand heavier handling without fraying than standard PT.**

Custom Colors Available:



Black (BK) and Gray (GY).

**Colors Available:**  
2 = (BK) and (GY).



**Material**  
Polyethylene Terephthalate

**Grade**  
CCPT

**Monofilament Diameter**  
.008"

**Drawing Number**  
TF001CCPT-WD



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**HALOGEN  
FREE**





**FLEXO® CLEAN CUT**



**Abrasion Resistance**  
 ASTM D-4157  
**High**

**Abrasion Test Machine**  
**Taber 5150**

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**

**Room Temperature**  
**77°F**

**Humidity**  
**72%**

**A few Strands Beginning To Pull Out Of Sample**  
**550 Test Cycles**

**Small Hole In Material**  
**650 Test Cycles**

**Material Destroyed**  
**800 Test Cycles**

**Pre-Test Weight**  
**3,168.1 mg**

**Post-Test Weight**  
**2,771.9 mg**

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



Rating \_\_\_\_\_

Moisture Absorption \_\_\_\_\_ .08  
 % ASTM D-570

Smoke D-Max \_\_\_\_\_ 56  
 ASTM E-662

Toxicity Index \_\_\_\_\_ 4.2  
 USN 713



**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 _____	2
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 D-2863 _____	1
Outgassing _____	Medium
Oxygen Index ASTM D-2863 _____	21
Halogen Free _____	Yes

**Melt Point**  
 ASTM D-2117  
**230°C (446°F)**

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

**Minimum Continuous**  
**-75°C (-103°F)**



**PHYSICAL PROPERTIES**

Monofilament Diameter _____	.008
ASTM D-204	
Recommended Cutting _____	Scissors
Stock Colors _____	2
Wall Thickness _____	.024
Tensile Strength PSI _____	85,000
ASTM D-2256	
Tenacity (GM/Denier) ASTM D-4157 _____	4.5
Specific Gravity ASTM D-792 _____	1.38
Typical Elongation ASTM D-2256-80	
Break _____	14
3g/Denier _____	5
Hard Vacuum Data ASTM E-595 at 10-5 torr	
TML _____	.51
CVCM _____	
WVR _____	.10

www.techflex.com