



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.

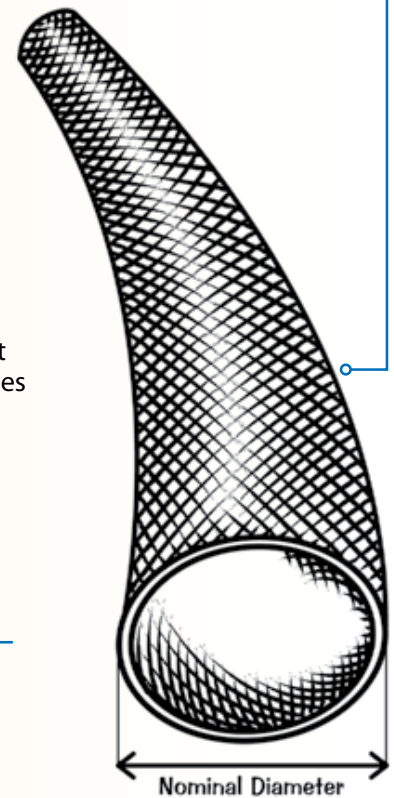
Cuts easily and neatly with regular scissors and maintains a fray resistant end during installation. When scissor cut, the end of Clean Cut will withstand heavier handling without fraying than standard PT.

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



FLEXP[®] 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

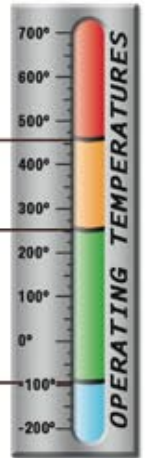
1=No Effect 4=More Affected
 2=Little Effect 5=Severely Affected
 3=Affected

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**