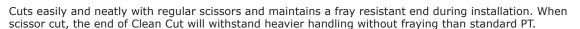


# SCISSOR CUT FOR EASY, FRAY RESISTANT INSTALLATION IN SHOP OR FIELD

By adjusting the physical characteristics of the polyethylene terepthalate 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.



• Cut Cleanly: Scissors

• Material: Polyethylene Terepthalate

• Grade: CCP

• Monofilament Diameter: .008"

• Resists Fraying When Cut With Scissors

• Increased Braid Density For Fuller Coverage

• High Abrasion Resistance

• Cut And Abrasion Resistant

Halogen Free



Nominal Size	Expansion Range		Available Colors	Lbs./100'
	Minimum	Maximum	Available Colors	LDS./ TOO
1/2"	1/4"	3/4"	Black (BK), and Gray (GY)	0.82
3/4"	5/8"	1"		1.11
1"	3/4"	1-3/16"		1.24
1-1/4"	1"	1-1/2"		1.56
1-1/2"	1-1/4"	2"		1.85

### **ABRASION-FLAMMABILITY**

• Abrasion Resistance: Medium

• 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

## CHEMICAL RESISTANCE

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

## **CHEMICAL RESISTANCE - CONTINUED**

• UV Light: 1

• Petroleum: 1

• Fungus *ASTM G-21*: 1

• Halogen Free: Yes • RoHS: Yes

• SVHC: None

### **PHYSICAL PROPERTIES**

• Monofilament Diameter: .008 ASTM D-204

• Flammability Rating: UL94

• Recommended Cutting: Scissor/HK

• Colors: 2

• Wall Thickness: .024

• Strength (Yarn): 6 ASTM D-2256 Lbs

• Specific Gravity ASTM D-79: 1.38

• Moisture Absorption: .1-.2 % ASTM D-570

• Hard Vacuum Data: ASTM E-595 TML: 0.19

CVCM: 0.00

• WVR: 0.16

• Smoke D-Max: 56 ASTM E-662

• Outgassing: Med

Oxygen Index: 21 ASTM D-2863

