

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

By adjusting the physical characteristics of the polyethylene terephthalate filaments, the engineers at Tech-flex 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.

- Cut Cleanly: Scissors
- Material: Polyethylene Terephthalate
- 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		
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 5=Severely Affected
2=Little Effect 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/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