



## FLEXO<sup>®</sup> CLEAN CUT<sup>®</sup>

### RESISTS FRAYING WHEN CUT WITH SCISSORS · INCREASED BRAID DENSITY FOR FULLER COVERAGE · CUT & ABRASION RESISTANCE

By adjusting the physical characteristics of the polyethylene terephthalate filaments, the engineers at Techflex<sup>®</sup> have produced product with the same specifications of our PTN with the unique advantage of being able to cut the material with ordinary scissors and still maintain an extraordinarily fray-resistant end. **Flexo<sup>®</sup> Clean Cut<sup>®</sup> (CCP)** 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.

#### SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
				M	L		
1/8"	CCP0.13	1/8"	1/4"	100'	1,000'	2	0.40
1/4"	CCP0.25	5/32"	7/16"	100'	1,000'	2	0.46
3/8"	CCP0.38	3/16"	5/8"	100'	500'	2	0.74
1/2"	CCP0.50	1/4"	3/4"	100'	500'	2	0.82
3/4"	CCP0.75	5/8"	1"	75'	250'	2	1.11
1"	CCP1.00	3/4"	1 13/16"	50'	250'	2	1.24
1 1/4"	CCP1.25	1"	1 1/2"	50'	250'	2	1.56
1 1/2"	CCP1.50	1 1/4"	2"	50'	250'	2	1.85
1 3/4"	CCP1.75BK	1 1/2"	2 1/8"	50'	200'	2	2.30
2"	CCP2.00BK	1 3/4"	2 1/2"	50'	200'	2	2.80

\*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool

#### FEATURES

Material	Polyethylene Terephthalate
Grade	CCP
Monofilament Diameter	.008"
Drawing Number	TF001CCP-WD
Cutting	Scissors/Hot Knife

#### COLORS



Black (BK), Gray (GY), Carbon (CB)\*\*

\*\* Special Order

#### CERTIFICATIONS





## ABRASION

Abrasion Resistance	<b>MEDIUM</b>
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

## PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.008"
Flammability Rating	UL94
Recommended Cutting	Scissors/HK
Colors	2
Wall Thickness	.024"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	6
Specific Gravity (ASTM D-792)	1.38
Moisture Absorption % (ASTM D-570)	.1-2
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	.19
CVCM	.00
WVR	.16
Smoke D-Max (ASTM E-662)	56
Outgassing	Medium
Oxygen Index (ASTM D-2863)	21

## FLAMMABILITY

Rating	UL94VO
FMVSS 302 and SAE J369	Pass

## OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	482°F / 250°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-I-23053)	-94°F / -70°C

## CHEMICAL RESISTANCE

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

Aromatic Solvents	2
Aliphatic Solvents	1
Chlorinated Solvents	3
Weak Bases	1
Salts	1
Strong Bases	2
Salt Water (O-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
UV Light	1
Petroleum	1
Fungus (ASTM G-21)	1
Halogen Free	Yes
RoHS	Yes
SVHC	None