



FLEXO® CLEAN CUT®

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® 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® Clean Cut® (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	Kgs/100m
				M	L		
3,2mm	CCP0.13	3,2mm	6,4mm	30,5m	304,8m	2	0,60
6,4mm	CCP0.25	4,0mm	11,1mm	30,5m	304,8m	2	0,68
9,5mm	CCP0.38	4,8mm	15,9mm	30,5m	152,4m	2	1,10
12,7mm	CCP0.50	6,4mm	19,1mm	30,5m	152,4m	2	1,22
19,1mm	CCP0.75	15,9mm	25,4mm	22,9m	76,2m	2	1,65
25,4mm	CCP1.00	19,1mm	30,2mm	15,2m	76,2m	2	1,85
31,8mm	CCP1.25	25,4mm	38,1mm	15,2m	76,2m	2	2,32
38,1mm	CCP1.50	31,8mm	50,8mm	15,2m	76,2m	2	2,75
44,5mm	CCP1.75BK	38,1mm	54,0mm	15,2m	61,0m	2	3,42
50,8mm	CCP2.00BK	44,5mm	63,5mm	15,2m	61,0m	2	4,17

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

FEATURES

Material	Polyethylene Terephthalate
Grade	CCP
Monofilament Diameter	0,20mm
Drawing Number	TF001CCP-WD
Cutting	Scissors/Hot Knife

COLORS



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

** Special Order

CERTIFICATIONS





ABRASION

Abrasion Resistance	MEDIUM
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	77°F / 25°C
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)	0,20mm
Flammability Rating	UL94
Recommended Cutting	Scissors/HK
Colors	2
Wall Thickness	0,61mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	6
Specific Gravity (ASTM D-792)	1,38
Moisture Absorption % (ASTM D-570)	0,1 - 0,2%
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	0,19
CVCM	0,00
WVR	0,16
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