

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	Part #	Min	Max	*Put-Ups		Available	Lbs/
Size	Fall #	Expansion	Expansion	М	L	Colors	100'
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
1¼″	CCP1.25	1"	1½"	50'	250'	2	1.56
1½"	CCP1.50	1¼"	2"	50'	250'	2	1.85
1 ¾″	CCP1.75BK	1½"	21⁄8″	50'	200'	2	2.30
2"	CCP2.00BK	1¾"	21⁄2"	50'	200'	2	2.80

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



FEATURES

Material	Polyethylene Terephthalate
Grade	ССР
Monofilament Diameter	.008″
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
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)	.12
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

EAN

Cl

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 (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
UV Light	1
Petroleum	1
Fungus (ASTM G-21)	1
Halogen Free	Yes
RoHS	Yes
SVHC	None

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