



FLEXO[®] ANTI-STAT CONDUCTIVE CARBON INFUSED NYLON FOR EMI & RFI PROTECTION SUPERIOR STATIC DISSIPATION · EXPANDS UP TO 150%

Flexo[®] Anti-Stat (FSN) is braided from 11 mil carbonized nylon monofilament yarn. Flexo[®] Anti-Stat is designed to protect sensitive wiring from abrasion while shielding it from high frequency noise. Many successful applications have utilized Flexo[®] Anti-Stat for maintaining clean video signals, interference filtering in pro sound environments, and RF filtering on power cables and outputs. Flexo[®] Anti-Stat is also useful in static sensitive environments. Flexo[®] Anti-Stat utilizes a patented carbonization process which infuses our braided sleeving with a microscopic carbon compound that is virtually indistinguishable from the base material. The result is a strong, long lasting jacket that is ready for the most sensitive applications.

SIZING CHART

Nominal Size	Part #	Wall Thickness	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Kgs/100m
					M	L		
3,2mm	CNN0.13BK	0,7mm	24mm	6,4mm	68,6m	304,8m	1	0,52
6,4mm	CNN0.25BK	0,7mm	3,2mm	11,1mm	61,0m	304,8m	1	0,60
9,5mm	CNN0.38BK	0,7mm	4,8mm	15,9mm	38,1m	152,4m	1	0,89
12,7mm	CNN0.50BK	0,7mm	6,4mm	19,1mm	30,5m	152,4m	1	1,01
15,9mm	CNN0.63BK	0,7mm	9,5mm	25,4mm	30,5m	152,4m	1	1,43
19,1mm	CNN0.75BK	0,7mm	12,7mm	31,8mm	22,9m	76,2m	1	1,49
25,4mm	CNN1.00BK	0,7mm	15,9mm	41,3mm	19,8m	76,2m	1	1,79
31,8mm	CNN1.25BK	0,7mm	19,1mm	44,5mm	15,2m	76,2m	1	2,46
38,1mm	CNN1.50BK	0,7mm	25,4mm	63,5mm	12,2m	61,0m	1	3,27

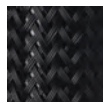
*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Carbonized Nylon
Grade	CNN
Monofilament Diameter	0,3mm
Drawing Number	TF001CNN-WD
Cutting	Hot Knife

COLORS



Black (BK)

CERTIFICATIONS





ABRASION

Abrasion Resistance	MEDIUM
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	73°F / 23°C
Humidity	51%
Material Destroyed	800 Test Cycles
Pre-Test Weight	8 822,3mg
Post-Test Weight	8 662,5mg
Test End Loss Of Mass Point Of Destruction	159,8mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	0,3mm
Flammability Rating (SAEJ369)	
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	0,7mm
Abrasion	Medium
Specific Gravity (ASTM D-792)	1,13
Moisture Absorption % (ASTM D-570)	2,5
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	0,19
CVCM	0,04
WVR	0,06
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

FLAMMABILITY

Rating

OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	482°F / 250°C
Maximum Continuous (Mil-I-23053)	302°F / 150°C
Minimum Continuous (Mil-I-23053)	-49°F / -45°C

CHEMICAL RESISTANCE

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

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
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	4
Strong Oxidants	4
Esters/Ketones	1
UV Light	2
Petroleum	3
Fungus (ASTM G-21)	2
Halogen Free	Yes
RoHS	Yes
SVHC	None