



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	Lbs/100'
					M	L		
1/8"	CNN0.13BK	.028"	3/32"	1/4"	225'	1,000'	1	0.35
1/4"	CNN0.25BK	.028"	1/8"	7/16"	200'	1,000'	1	0.40
3/8"	CNN0.38BK	.028"	3/16"	5/8"	125'	500'	1	0.60
1/2"	CNN0.50BK	.028"	1/4"	3/4"	100'	500'	1	0.82
5/8"	CNN0.63BK	.028"	3/8"	1"	100'	500'	1	0.96
3/4"	CNN0.75BK	.028"	1/2"	1 1/4"	75'	250'	1	1.24
1"	CNN1.00BK	.028"	5/8"	1 5/8"	65'	250'	1	1.37
1 1/4"	CNN1.25BK	.028"	3/4"	1 3/4"	50'	250'	1	1.65
1 1/2"	CNN1.50BK	.028"	1"	2 1/2"	40'	200'	1	2.20

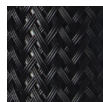
*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Carbonized Nylon
Grade	CNN
Monofilament Diameter	.011"
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
Humidity	51%
Material Destroyed	800 Test Cycles
Pre-Test Weight	8,822.3 mg
Post-Test Weight	8,662.5 mg
Test End Loss Of Mass Point Of Destruction	159.8 mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	011"
Flammability Rating (SAEJ369)	
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	.028"
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	.19
CVCM	.04
WVR	.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