

## FLEXO® NON-SKID

### INCREASED FRICTION ON SMOOTH SURFACES · EXPANDS UP TO 150% MINIMIZES SLIPPING AND ACCIDENTS

Flexo® Non-Skid (NSN) is a unique combination of our standard PET material braided together with a matching thread of a high-friction polymer. Non-Skid is engineered primarily for wire and cable management in smooth floor, high traffic environments such as broadcast studios where someone might inadvertently step on a cable snake and slip. As long as there's no excessive pressure on cables protected with Non-Skid, the entire snake glides easily and quietly along the floor. When local pressure is applied, such as someone stepping on the cable, the high friction material comes in contact with the floor and reduces the possibility of the cable sliding out from underfoot. Non-Skid is substantially less "slippery" than our regular PET, yet provides the same level of flexibility and protection from cable wear and abrasion.

#### SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Kgs/100m
				M	L		
6,4mm	NSN0.25	3,2mm	11,1mm	61,0m	304,9m	3	0,65
9,5mm	NSN0.38	4,8mm	12,7mm	38,1m	152,4m	3	0,85
12,7mm	NSN0.50	6,4mm	19,1mm	30,5m	152,4m	3	1,32
15,9mm	NSN0.63	9,5mm	25,4mm	22,9m	152,4m	3	1,55
19,1mm	NSN0.75	12,7mm	31,8mm	21,3m	76,2m	NY & BK	1,86
31,8mm	NSN1.25	19,1mm	44,5mm	15,2m	61,0m	3	2,92
38,1mm	NSN1.50	25,4mm	50,8mm	12,2m	61,0m	3	3,35
50,8mm	NSN2.00	38,1mm	88,9mm	15,2m	61,0m	NY & BK	4,09

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



#### FEATURES

Material	Polyethylene Terephthalate
Grade	NSN
Monofilament Diameter	0,7mm
Drawing Number	TF001NSN-WD
Cutting	Hot Knife

#### COLORS



Neon Yellow (NY), Safety Stripe (SS), Black (BK)

#### CERTIFICATIONS



## ABRASION

Abrasion Resistance	<b>MEDIUM</b>
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	71°F / 22°C
Humidity	53%
Braid (1Carrier) Broken In One Direction	350 Test Cycles
Material Destroyed - Braid Broken In Both Directions	650 Test Cycles
Pre-Test Weight	4 360,5mg
Post-Test Weight	4 147,0mg
Test End Loss Of Mass Point Of Destruction	213,5mg

## PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	0,7mm
Flammability Rating	
Recommended Cutting	Hot Knife
Colors	3
Wall Thickness	1,8mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	7,5
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)	NA
TML	NA
CVCM	NA
WVR	NA
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

## FLAMMABILITY

Rating

## OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	260°F / 126°C
Maximum Continuous (Mil-I-23053)	175°F / 79°C
Minimum Continuous (Mil-I-23053)	-40°F / -40°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	NA