FLEXO ®
NOISE REDUCTION

- **Excellent Noise Suppression**
- **Abrasion Resistant**
- **Extremely Lightweight**
- **Attractive Appearance**
- **Does Not Trap Heat Or Moisture**

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
		Min	Max				
1/8"	NRN0.13BK	1/8"	3/16"	500'	100'	Black	0.3
1/4"	NRN0.25BK	1/4"	3/8"	500'	100'	Black	0.5
3/8"	NRN0.38BK	3/8"	1/2"	250'	100'	Black	0.9
1/2"	NRN0.50BK	1/2"	3/4"	250'	100'	Black	1.1
5/8"	NRN0.63BK	5/8"	1"	250'	100'	Black	1.5
3/4"	NRN0.75BK	3/4"	1 1/4"	250'	75'	Black	2.0
1"	NRN1.00BK	1"	1 5/8"	250'	50'	Black	2.4

Self-Fitting Protective Oversleeve

Flexo® Noise Reduction (NR) is a biaxially braided sleeving combining monofilament and multifilament PET yarns to create a full coverage expandable sleeve that substantially reduces noise on wires, tubes and hoses. The lightweight, rugged construction also provides protection from abrasion and vibration that is far superior to foam harness sleeves. NR expands for easy installation over splices and connectors and is flexible enough for tight radius applications.

NR is used in body wiring harnesses, instrument panel and lighting wiring, cable and hose assemblies, and other limited access applications where noise reduction is desirable.

The braided construction will not hold moisture and drains quickly when immersed.

Cut Cleanly
Hot Knife

Material
Polyethylene Terephthalate

Grade
NRN

Wall Thickness
.025"

Colors Available:
Black (BK)

TECHFLEX ®
Braided Sleeving Products
www.techflex.com

RoHS Compliant

FLEXO
NOISE REDUCTION

⚙ ABRASION

Abrasion Resistance
Medium

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

🔥 FLAMMABILITY
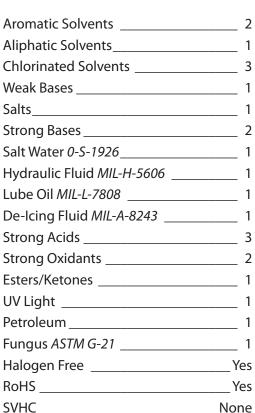
Rating _____ *UL94
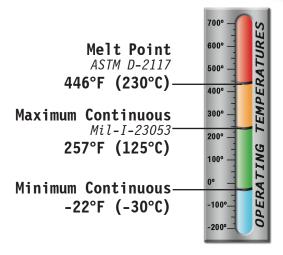 *UL 94 V-O Raw Material*

🧪 CHEMICAL RESISTANCE

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

Melt Point
ASTM D-2117
446°F (230°C)

Maximum Continuous
Mil-I-23053
257°F (125°C)

Minimum Continuous
-22°F (-30°C)

OPERATING TEMPERATURES
700° 600° 500° 400° 300° 200° 100° 0° -100° -200°

www.techflex.com

🔍 PHYSICAL PROPERTIES

Monofilament Diameter *ASTM D-204*	.010"
Flammability Rating *UL 94 V-O Raw Material*	*UL94
Recommended Cutting	Scissor/HK
Colors	1
Wall Thickness	.025"
Tensile Strength (Yarn) *ASTM D-2256 Lbs*	7.5
Specific Gravity *ASTM D-792*	1.38
Moisture Absorption % *ASTM D-570*	.1-.2
Hard Vacuum Data *ASTM E-595 at 10-5 torr*	
TML	.19
CVCM	.00
WVR	.16
Outgassing	Med
Oxygen Index *ASTM D-2863*	21

01-08