



NOISE REDUCTION

Flexo NR

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.

The braided construction will not hold moisture and drains quickly when immersed. NR is used in body wiring harnesses, instrument panel and lighting wiring, cable & hose assemblies, and other limited access applications where noise reduction is desirable.

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



- **Excellent Noise Suppression**
- **Abrasion Resistant**
- **Extremely Lightweight**
- **Attractive Appearance**
- **Does Not Trap Heat or Moisture**
- **Rated to 257°F**
- **Low Temperature Flexibility to -94°F**



F6 Quiet

Nostalgic Look and Feel! Modern Day Performance!

FLEXO F6 QUIET is specially engineered to reduce the noise associated with wire harnesses or cables installed in hard to reach areas such as door panels or dashboards.

The special construction suppresses noise from loose harnesses moving against body or dash panels. F6 Quiet also has a soft and flexible feel, reminiscent of old style cotton loom, making it the perfect product for restoration projects.

Nominal Size	Part #	Wall Thickness ±0.005"	Bulk Spool	Box A	Box B	Available Colors	Lbs/100'
1/4"	F6Q0.25BK	.04"	2,000'	200'	100'	Black (BK)	1.00
3/8"	F6Q0.38BK	.04"	1,000'	150'	75'	Black (BK)	1.80
1/2"	F6Q0.50BK	.04"	800'	150'	75'	Black (BK)	2.00
3/4"	F6Q0.75BK	.04"	500'	100'	50'	Black (BK)	3.00
1 1/4"	F6Q1.25BK	.04"	250'	75'	25'	Black (BK)	4.00



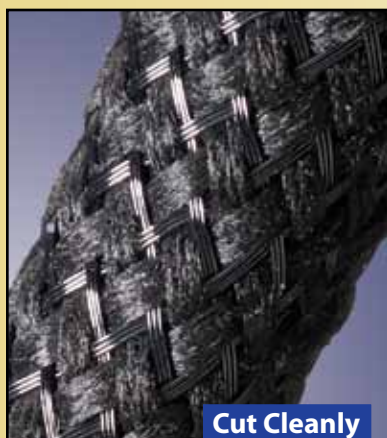
- **Retro Look for Audio Cables**
- **Soft Classic Cotton Loom Feel**
- **Cut and Abrasion Resistant**
- **Cuts Cleanly with Hot Knife**

800 323-5140
www.techflex.com

FLEXO NR

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

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



Cut Cleanly
Hot Knife

Material

Polyethylene Terephthalate

Grade

NRN

Wall Thickness

.025"

Self-Fitting Protective Oversleeve

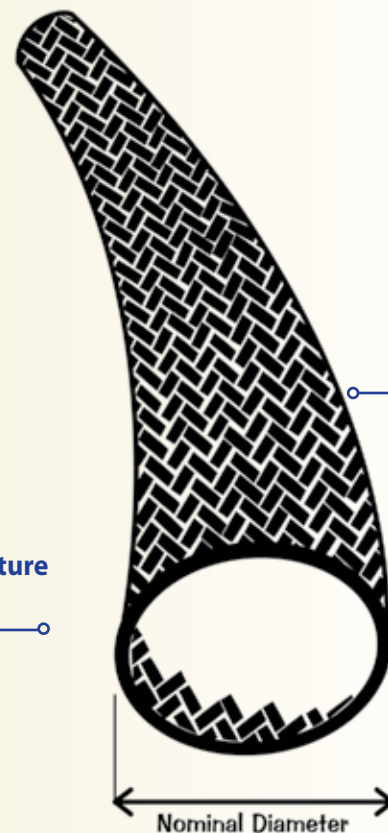
Flexo Noise Reduction (NR) is a biaxially braided sleeving combining monofilament and multifilament PET yarns to create a full coverage expandable sleeve that substantially reduces noise on wires, tubes and hoses. The lightweight, rugged construction also provides protection from abrasion and vibration 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.

Colors Available:

Black (BK)



FLEXO NR



Abrasion Resistance
Medium

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g



Rating _____ ***UL94**
**UL 94 V-0 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/Keytones	1
UV Light	1
Petroleum	1
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	Yes
SVHC	None

Melt Point

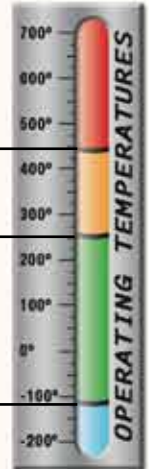
ASTM D-2117
446°F (230°C)

Maximum Continuous

MIL-I-23053
257°F (125°C)

Minimum Continuous

-94°F (-70°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____ **.010**
ASTM D-204

Flammability Rating _____ ***UL94**
**UL 94 V-0 Raw Material*

Recommended Cutting _____ **Scissor/HK**

Colors _____ **1**

Wall Thickness _____ **.025**

Tensile Strength (Yarn) _____ **7.5**
ASTM D-2256 Lbs

Specific Gravity ASTM D-792 _____ **1.38**

Moisture Absorption _____ **.1-.2**
% ASTM D-570

Hard Vacuum Data ASTM E-595 at 10-5 torr

TML _____ **.19**

CVCM _____ **.00**

WVR _____ **.16**

Outgassing _____ **Med**

Oxygen Index _____ **21**
ASTM D-2863