## **Flexo NR**

## Self-Fitting Protective Oversleeve

NOISE REDUCTION

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	Part	Expansion Range		Standard Spool Put-Ups		Available	Lbs/
Size	#	Min.	Max.	Bulk Spool	Shop Spool	Colors	100′
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

# Uiet

### 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



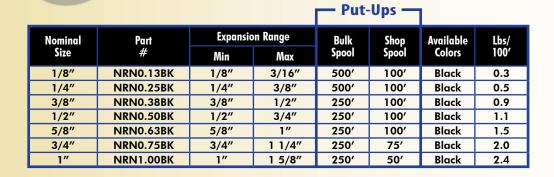
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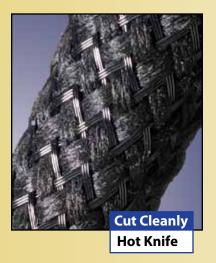
800 323-5140 www.techflex.com

#### **SPECIALTY** Technical Data Sheet

## **FLEXO NR**

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





#### Material Polyethylene Terepthalate

Grade NRN

Wall Thickness .025"

#### Self-Fitting Protective Oversleeve

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

Colors Available: Black (BK)

NOISE REDUCTION







#### **SPECIALTY Technical Data Sheet**





700

000 500 400\*

300

20.0\*

100\*

100

200\*



**Abrasion Resistance** Medium

Abrasion Test Machine **Taber 5150** 

Abrasion Test Wheel **Calibrase H-18** 

Abrasion Test Load 500g



Rating \*UL 94 V-O Raw Material

#### Chemical Resistance

1=No Effect	4=More Affected
2=Little Effect	5=Severely Affected
3=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	
la	446°F (230°C) — ximum Continuous	
	Mil-I-23053 257°F (125°C)	

Minimum Continuous -94°F (-70°C)

М

\*UL94

## PHYSICAL PROPERTIES

Monofilament Diameter_ ASTM D-204	.010	)
Flammability Rating *UL 94 V-0 Raw Material	*UL94	
Recommended Cutting_	Scissor/HK	ζ
Colors	1	
Wall Thickness	.025	)
Tensile Strength (Yarn) ASTM D-2256 Lbs	7.5	Ì
Specific Gravity ASTM D-	- <i>792</i> 1.38	3
Moisture Absorption % ASTM D-570	.12	<u>)</u>
Hard Vacuum Data ASTM	E-595 at 10-5 tor	r
TML	.19	)
CVCM	.00	)
WVR	.16	5
Outgassing	Мес	t
Oxygen Index ASTM D-2863	2	1

TEMPERATURES

OPERATING

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