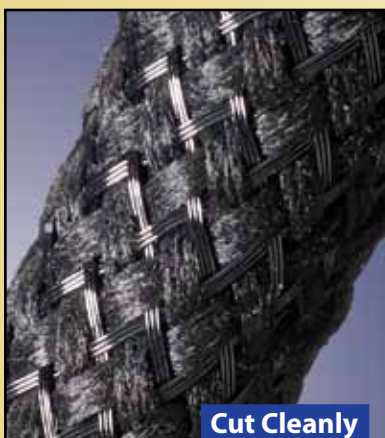


## FLEXO NR

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

Nominal Size	Part #	Expansion Range		Put-Ups		Available Colors	Lbs/100'
		Min	Max	Bulk Spool	Shop Spool		
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

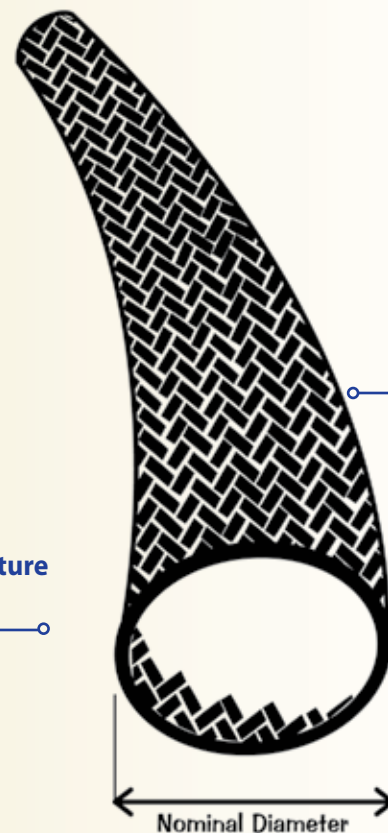
Flexo Noise Reduction (NR) is a biaxially braided sleeving combining monofilament and multifilament PET yarns to create a full coverage expandable sleeve that substantially reduces noise on wires, tubes and hoses. The lightweight, rugged construction also provides protection from abrasion and vibration 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-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/Keytones	1
UV Light	1
Petroleum	1
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	Yes
SVHC	None

## Melt Point

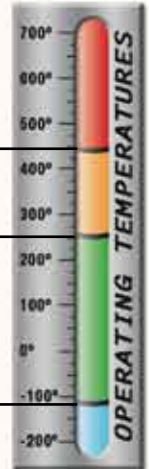
ASTM D-2117  
**446°F (230°C)**

## 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-O 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	