



- 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 |



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)

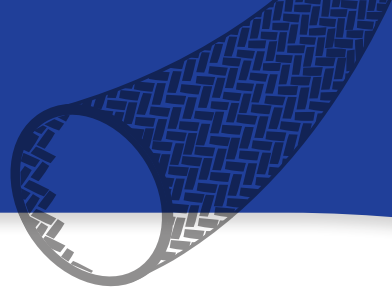


Braided Sleeving Products

www.techflex.com

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104 Demarest Road • Sparta, NJ 07871





ABRASION FLAMMABILITY

Abrasion Resistance
Medium

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

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

CHEMICAL RESISTANCE

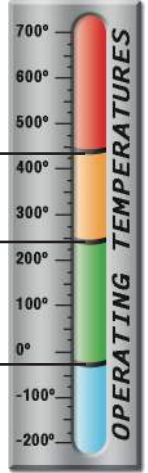
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

| | |
|----------------------------------|------|
| 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)



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 | |

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