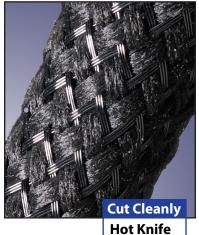


- Put-Ups —

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

					005		
Nominal Size	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
		Min	Max	Spool	Spool	Colors	100′
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



Material Polyethylene Terephthalate

Grade NRN

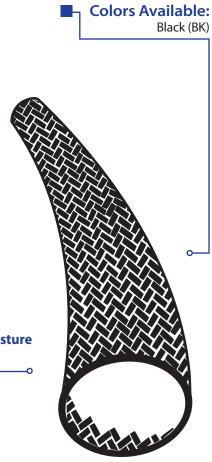
Wall Thickness .025″

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.









7009



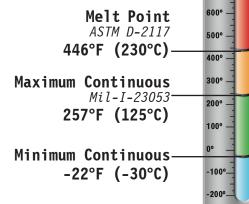
Abrasion Resistance Medium

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 <i>MIL-H-5606</i>	1
Lube Oil <i>MIL-L-7808</i>	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

PHYSICAL **PROPERTIES**

Monofilament Diameter ASTM D-204	.010″
Flammability Rating* *UL 94 V-O Raw Material	UL94
Recommended Cutting Sciss	or/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	.12
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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TEMPERATURES

OPERATING

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