

NYLON MULTI

- Dense, Full Coverage Construction
- Resists Gasoline And Engine Chemicals
- Economical And Easy To Install
- Soft, Pliable And Quiet
- Cut And Abrasion Resistant
- Custom Lengths Available
- Expansion Range: This Will Expand And Contract Slightly To Accommodate Installation And Variations In Bundle Size. Be Sure To Match Your Application Diameter Accurately.



Cut Cleanly
Scissors

Material
Polyamide Monofilament

Grade
NM

Multifilament Thickness
N/A

Drawing Number
TF001NM-WD

Put-Ups

NOMINAL SIZE	PART #	BULK SPOOL	SHOP SPOOL	RETAIL	CLAM	BAG	AVAILABLE COLORS	LBS/100'
1/8"	NMN0.13	1,000'	225'	100'	25'	10'	Black	1.10
3/16"	NMN0.19	1,000'	200'	100'	25'	10'	Black	5.60
1/4"	NMN0.25	1,000'	200'	100'	25'	10'	Black	8.90
5/16"	NMN0.31	1,000'	200'	100'	25'	10'	Black	9.90
3/8"	NMN0.38	1,000'	200'	100'	25'	10'	Black	10.90
1/2"	NMN0.50	500'	100'	50'	25'	10'	Black	21.30
5/8"	NMN0.63	500'	100'	50'	25'	10'	Black	28.50
3/4"	NMN0.75	500'	100'	50'	25'	10'	Black	31.50
7/8"	NMN0.88	500'	100'	50'	25'	10'	Black	43.50
1"	NMN1.00	500'	100'	50'	25'	10'	Black	51.50
1 1/4"	NMN1.25	500'	100'	50'	25'	10'	Black	55.00
1 1/2"	NMN1.50	500'	100'	50'	25'	10'	Black	64.60
2"	NMN2.00	500'	100'	50'	25'	10'	Black	90.10
2 1/2"	NMN2.50	500'	100'	50'	25'	10'	Black	103.20
3"	NMN3.00	500'	100'	50'	25'	10'	Black	110.00

Full Coverage, Soft, Supple, Strong and Attractive

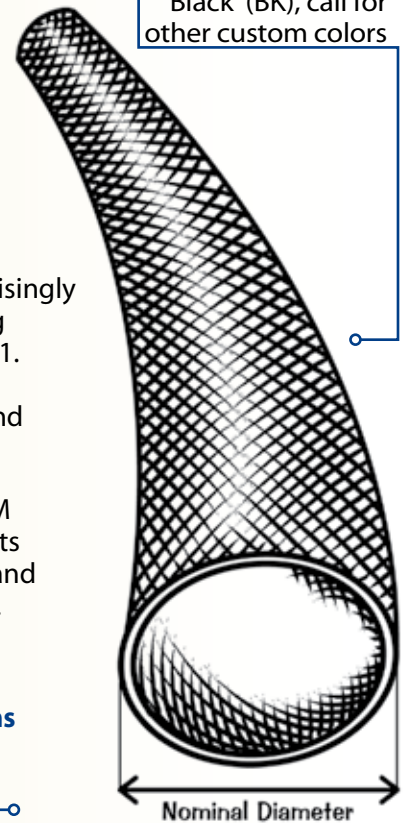
Under the hood or across the floor, NM is the perfect sleeving product for protecting and improving the appearance of wires and cables. NM has been used in military wire harness applications for many years.

NM's fabric-like softness and flexibility hide surprisingly tough specifications. The high coverage sleeving meets or exceeds military specifications AA-59301. NM is highly resistant to abrasion, cuts, common automotive and marine chemicals, UV damage and vibration. It will not rot or retain moisture.

The wide operating temperature range allows NM to protect delicate wiring in engine compartments and near exhaust systems. NM creates a unique and attractive retro look when installed on a/v cables.

Nylon Multi's qualities make it a viable choice for defense and military applications that call for flexibility, strength and full coverage protection.

Colors Available:
Black (BK), call for other custom colors





NYLON MULTI



Abrasion Resistance
 ASTM D-4157
Extremely High
 Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
70°F

Humidity
58%

**Much Pulling Of Fibers -
 Very Visible Wear**
20 Test Cycles

Wear Pattern Continues
400 Test Cycles

Wear Pattern Continues
900 Test Cycles

Wear Pattern Continues
1,400 Test Cycles

Hole Completely Through
Material Destroyed
3,200 Test Cycles

Pre-Test Weight
11,759.5 mg

Post-Test Weight
10,990.2 mg

Test End Loss Of Mass
Point Of Destruction
769.3 mg



FLAMMABILITY
 Rating _____ N/A
 Moisture Absorption _____ 1.5
 % ASTM D-570
 Smoke D-Max _____
 ASTM E-662
 Toxicity Index _____
 USN 713



**Chemical
 Resistance**

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

- Aromatic Solvents _____ 1
- Aliphatic Solvents _____ 1
- Chlorinated Solvents _____ 1
- 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 _____ 5
- Strong Oxidants _____ 5
- Esters/Keytones _____ 2
- UV Light _____ 2
- Petroleum _____ 2
- Fungus ASTM D-2863 _____ 3
- Outgassing _____ High
- Oxygen Index ASTM D-2863 _____ 22
- Halogen Free _____ Yes

Melt Point
 ASTM D-2117
250°C (482°F)

Maximum Continuous
 Mil-I-23053
120°C (248°F)

Minimum Continuous
-45°C (-49°F)



**PHYSICAL
 PROPERTIES**

- Multifilament Thickness _____ N/A
 ASTM D-204
- Recommended Cutting _____ Scissors
- Stock Colors _____ 1
- Wall Thickness _____ .03
- Tensile Strength PSI _____ 75,000
 ASTM D-2256
- Tenacity (GM/Denier) ASTM D-4157 _____
- Specific Gravity ASTM D-792 _____ 1.14
- Typical Elongation ASTM D-2256-80
- Break _____
- 3g/Denier _____
- Hard Vacuum Data ASTM E-595 at 10-5 torr
- TML _____
- CVCM _____
- WVR _____
- Military Specifications _Meets or Exceeds
 AA-59301