



- Braided From .012" Nylon 6-6 Polyamide Monofilament Yarns
- Resists Gasoline And Engine Chemicals
- Economical And Easy To Install
- Expands Up To 150%
- Cut And Abrasion Resistant

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max				
1/8"	NYNO.13BK	3/32"	1/4"	1,000'	225'	Black	0.22
1/4"	NYNO.25BK	1/8"	3/8"	1,000'	200'	Black	0.31
3/8"	NYNO.38BK	1/4"	7/16"	500'	125'	Black	0.72
1/2"	NYNO.50BK	3/8"	3/4"	500'	100'	Black	1.03
5/8"	NYNO.63BK	7/16"	1"	500'	100'	Black	1.12
3/4"	NYNO.75BK	1/2"	1 1/4"	250'	75'	Black	1.47
1"	NYN1.00BK	5/8"	1 3/8"	250'	50'	Black	1.60
1 1/4"	NYN1.25BK	3/4"	1 1/2"	250'	50'	Black	1.78
1 1/2"	NYN1.50BK	1"	2"	200'	40'	Black	2.55
2"	NYN2.00BK	1 1/2"	3"	200'	50'	Black	2.26



Cut Cleanly  
Hot Knife

Material  
Nylon 6-6 Polyamide

Grade  
NYN

Monofilament Diameter  
.012"

Drawing Number  
TF001NY-WD

### When The Spec Says Nylon And Only Nylon Will Do

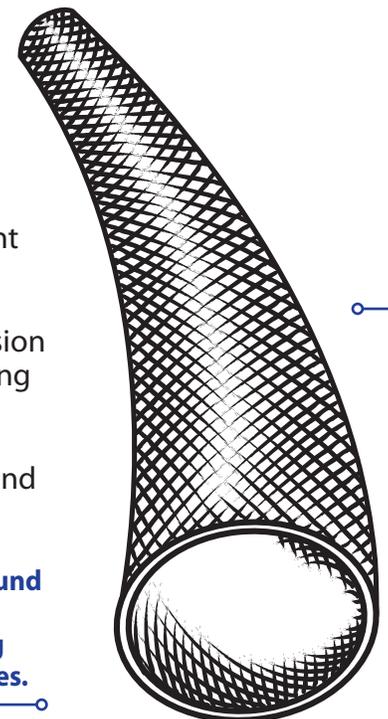
NY is commonly used in the automotive industry to protect hoses and wire harnesses from excessive wear. NY's tough characteristics can increase hose life up to 300%. This lengthened life span is recognized in terms of reduced maintenance, a professional, attractive and durable appearance and greater customer satisfaction. With the additional protection that NY provides, it pays for itself throughout the life of your product.

NY is braided from .012" nylon 6-6 Polyamide monofilament. The tight braid construction covers fully and provides excellent surface abrasion resistance for assemblies exposed to excessive wear. The smooth nylon fibers and tight construction also reduce abrasion damage caused by hoses and harnesses rubbing against the inside wall of the sleeving.

NY resists all common automotive chemicals and UV damage. It won't rot or retain moisture.

Nylon Mono's qualities of toughness and sound suppression make it the choice of auto manufacturers for protecting and managing cables routed through door and body cavities.

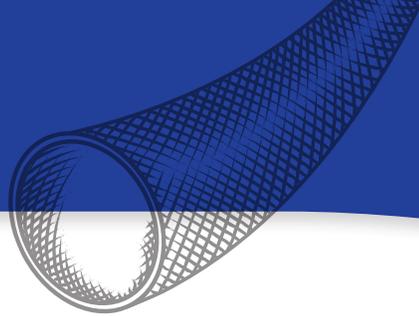
Colors Available:  
Black (BK)



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## ABRASION

**Abrasion Resistance**  
High

**Abrasion Test Machine**  
Taber 5150

**Abrasion Test Wheel**  
Calibrase H-18

**Abrasion Test Load**  
500g

**Room Temperature**  
72°F

**Humidity**  
48%

**Several Strands Broken**  
400 Test Cycles

**Several Small Holes**  
**Worn Through,**  
**Material Destroyed**  
1,200 Test Cycles

**Pre-Test Weight**  
4,637.0 mg

**Post-Test Weight**  
4,030.3 mg

**Test End Loss Of Mass**  
**Point Of Destruction**  
606.7 mg

## 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/Ketones _____	1
UV Light _____	2
Petroleum _____	3
Fungus ASTM G-21 _____	2
Halogen Free _____	Yes
RoHS _____	Yes
SVHC _____	None

**Melt Point**  
ASTM D-2117  
493°F (256°C)

**Maximum Continuous**  
MIL-I-23053  
302°F (150°C)

**Minimum Continuous**  
-49°F (-45°C)



## PHYSICAL PROPERTIES

Monofilament Diameter _____	.012"
ASTM D-204	
Recommended Cutting _____	Hot Knife
Colors _____	1
Wall Thickness _____	.03"
Tensile Strength (Yarn) _____	10.5
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1.14
Moisture Absorption _____	2.5
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	1.10
CVCM _____	.01
WVR _____	.69
Outgassing _____	High
Oxygen Index _____	22
ASTM D-2863	

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