

- Soft, Pliable And Strong
- Exceptional Thermal Stability
- Protects To 662°F
- Resists Gasoline And Engine Chemicals
- Cut And Abrasion Resistant

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
		Min.	Max.				
1/8"	NXN0.13	1/16"	1/4"	100'	25'	GN & NT	0.12
1/4"	NXN0.25	1/8"	5/16"	100'	25'	GN & NT	0.50
5/16"	NXN0.31	7/32"	7/16"	100'	25'	GN & NT	0.60
3/8"	NXN0.38	1/4"	1/2"	100'	25'	GN & NT	0.67
1/2"	NXN0.50	5/16"	5/8"	100'	25'	GN & NT	0.91
5/8"	NXN0.63	7/16"	7/8"	100'	25'	GN & NT	1.10
3/4"	NXN0.75	9/16"	1"	100'	25'	GN & NT	1.34
1"	NXN1.00	3/4"	1 1/8"	100'	25'	GN & NT	2.42
1 1/4"	NXN1.25	1"	1 1/2"	100'	25'	GN & NT	3.49
1 1/2"	NXN1.50	1 1/4"	1 3/4"	100'	25'	GN & NT	4.03
1 3/4"	NXN1.75	1 1/2"	2"	100'	25'	GN & NT	4.76



Cut Cleanly  
Scissors

**Material**  
Polyaramid Polymetaphenylene Isophthalamide

**Grade**  
NXN

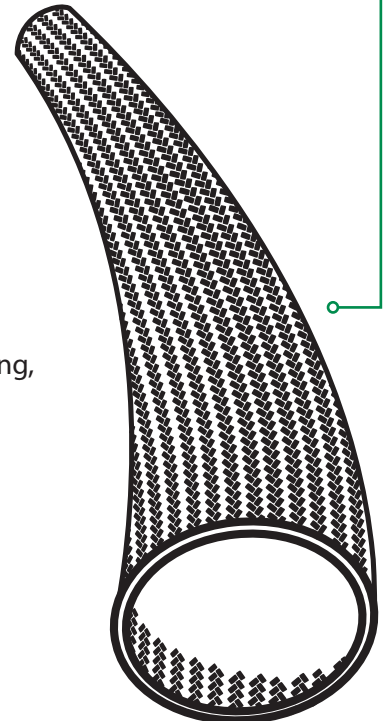
**Drawing Number**  
TF001NX-WD

Soft, Pliable Flame Protection To 662°F

Braided Flexo NX is made from the same fibers of DuPont™ \*Nomex® that have been in protective clothing used for years by race car drivers, municipal fire departments and oil rig personnel to provide that extra level of comfort and protection from the dangers that come with working in and around intense flame and heat. Our Flexo NX sleeving will do the same for your wires, hoses and cables.

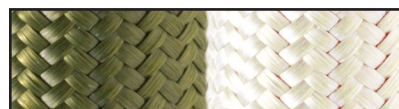
Flexo NX will protect your application in temperatures up to 662° F. It is unaffected by short term exposure to most acids, bases, solvents and common engineering chemicals. Despite the soft touch and smooth appearance associated with woven aramid fibers, Flexo NX is incredibly strong, with a tensile strength of 90,000 psi.

Colors Available:  
2 = GN and NT



Provides full coverage and protection on even the most exposed applications. Cuts easily with regular scissors and the smooth surface eases installation even over long wire runs. The construction allows slight expansion to accommodate irregular surfaces and tight turns.

Colors Available:



Green (GN) and Natural (NT).

\*Nomex® is a registered trademark of DuPont™.

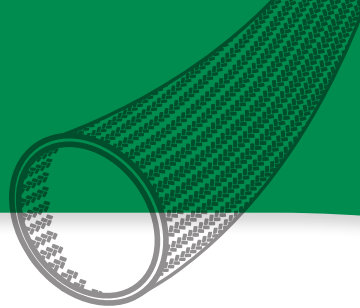


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HALOGEN  
FREE





## ABRASION FLAMMABILITY

**Abrasion Resistance**  
**Low**

*Does Not Melt or Flow Below*  
**662°F/350°C**

**Abrasion Test Machine**  
**Taber 5150**

*Retains its integrity at temperatures over 489°F/254°C (the melting point of Nylon) or in presence of Beta, Gamma and X-Ray Radiation or when exposed to High Humidity or Moisture.*

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**

**Room Temperature**  
**80°F**

**Humidity**  
**70%**

**Material Very Visibly**  
**Being Pulled Apart**  
**25 Test Cycles**

**Hole Through**  
**Material Destroyed**  
**350 Test Cycles**

**Pre-Test Weight**  
**2271.03 mg**

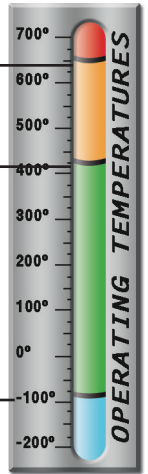
**Post-Test Weight**  
**2097.67 mg**

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

**Melt Point**  
*ASTM D-2117*  
**662°F (350°C)**

**Maximum Continuous**  
*Mil-I-23053*  
**428°F (220°C)**

**Minimum Continuous**  
**-76°F (-60°C)**



## CHEMICAL RESISTANCE

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

Strong Bases \_\_\_\_\_ 1  
Strong Acids \_\_\_\_\_ 2  
Strong Oxidants \_\_\_\_\_ 2  
UV Light \_\_\_\_\_ 2  
Petroleum \_\_\_\_\_ 1  
Halogen Free \_\_\_\_\_ Yes  
RoHS \_\_\_\_\_ Yes

## PHYSICAL PROPERTIES

Monofilament Diameter \_\_\_\_\_ NA  
*ASTM D-204*

Flammability Rating \_ Self Extinguishing  
*FMVSS-302 Approved*

Recommended Cutting \_\_\_\_\_ Scissor

Colors \_\_\_\_\_ 2

Wall Thickness \_\_\_\_\_ .016

Tensile Strength (Yarn) \_\_\_\_\_ 8  
*ASTM D-2256 Lbs*

Specific Gravity *ASTM D-792* \_\_\_\_\_ 1.38

Moisture Absorption \_\_\_\_\_ 4  
*% ASTM D-570*

Hard Vacuum Data *ASTM E-595*

TM \_\_\_\_\_ 3.94

CVCM \_\_\_\_\_ .18

WVR \_\_\_\_\_ 2.91

Oxygen Index \_\_\_\_\_ 28  
*ASTM D-2863*

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