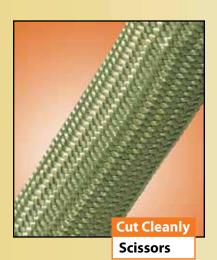
# **NOMEX®**

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**Put-Ups** 

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



### Material

Polyaramid Polymetaphenylene Isophthalamide

# Grade

**NXN** 

#### **Drawing Number**

TF001NX-WD

Nominal	Part #	Expansion Range		Bulk	Shop	Retail	Bag	Available	Lbs/	
Size		Min.	Max.	Spool	Spool			Colors	100′	
1/8"	NXN0.13	1/16"	1/4"	100′	25′	15′	10′	2	0.12	
1/4"	NXN0.25	1/8"	5/16"	100′	25′	15′	10'	2	0.50	
5/16"	NXN0.31	7/32"	7/16"	100′	25′	15′	10′	2	0.60	
3/8"	NXN0.38	1/4"	1/2"	100′	25′	15′	10′	2	0.67	
1/2"	NXN0.50	5/16"	5/8"	100′	25′	15′	10'	2	0.91	
5/8"	NXN0.63	7/16"	7/8"	100′	25′	15′	10′	2	1.10	
3/4"	NXN0.75	9/16"	1"	100′	25′	15′	10′	2	1.34	
1"	NXN1.00	3/4"	1 1/8"	100′	25′	15′	10′	2	2.42	
1 1/4"	NXN1.25	1"	1 1/2"	100′	25′	15′	10′	2	3.49	
1 1/2"	NXN1.50	1 1/4"	1 3/4"	100′	25′	15′	10′	2	4.03	
1 3/4"	NXN1.75	1 1/2"	2"	100′	25′	15′	10′	2	4.76	

# Soft, Pliable Flame Protection To 662°F

Woven Nomex® clothing and protective gear has been 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 NX Nomex® sleeving will do the same for your wires, hoses and cables.

NX Nomex® 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, NX is incredibly strong, with a tensile strength of 90,000 psi.

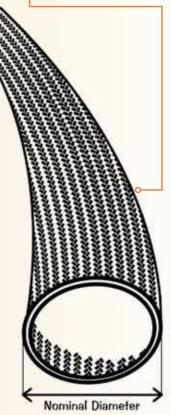
Provides full coverage and protection on even the most exposed applications. Cuts easily with regular scissors and the smooth surface eases installation even over long wire runs. The construction allows slight expansion to accommodate irregular surfaces and tight turns.

## Colors Available:



Green (GN) and Natural (NT).







TECHFLEX

Braided Sleeving Products

**www.techflex.com** 800.323.5140 • 973.300.9242 • fax: 973.300.9409 29 Brookfield Dr • Sparta, NJ 07871







**Abrasion Resistance** Low

**Abrasion Test Machine Taber 5150** 

**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

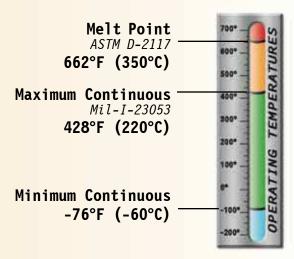
**Post-Test Weight** 2097.67 mg

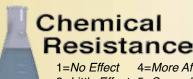
**Test End Loss Of Mass Point Of Destruction** 173.36 mg



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

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.





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	
Petroleum	1
Halogen Free	Yes
RoHS	Yes

# *PHYSICAL*

Monofilament Diameter ASTM D-204	NA
Flammability Rating_Self Extinguis FMVSS-302 Approved	shing
Recommended CuttingSo	cissor
Colors	2
Wall Thickness	016
Tensile Strength (Yarn)	8
Specific Gravity ASTM D-792	1.38
Moisture Absorption % ASTM D-570	4
Hard Vacuum Data ASTM E-595	
TML	3.94
CVCM	18
WVR	_2.91
Oxygen Index	28

ÁŠTM D-2863

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