

FLEXO NX

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



**Cut Cleanly
Scissors**

Material

**Polyaramid Polymetaphenylene
Isophthalamide**

Grade

NXN

Drawing Number

TF001NX-WD

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

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.

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:
2 = GN and NT

Colors Available:



Green (GN) and Natural (NT).



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**HALOGEN
FREE**



FLEXO NX



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.



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

Melt Point
ASTM D-2117
662°F (350°C)

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

Minimum Continuous
-76°F (-60°C)



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*

TML _____ 3.94

CVCM _____ .18

WVR _____ 2.91

Oxygen Index _____ 28
ASTM D-2863