



FLEXO[®] NX

EXTRA PROTECTION FROM FLAMES & INTENSE HEAT SOFT AND PLIABLE · TENSILE STRENGTH OF 90,000 PSI

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.

SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
				M	L		
1/8"	NXN0.13	1/16"	1/4"	25'	100'	2	0.12
1/4"	NXN0.25	1/8"	5/16"	25'	100'	2	0.50
5/16"	NXN0.31	7/32"	7/16"	25'	100'	2	0.60
3/8"	NXN0.38	1/4"	1/2"	25'	100'	2	0.67
1/2"	NXN0.50	5/16"	5/8"	25'	100'	2	0.91
5/8"	NXN0.63	7/16"	7/8"	25'	100'	2	1.10
3/4"	NXN0.75	9/16"	1"	25'	100'	2	1.34
1"	NXN1.00	3/4"	1 1/8"	25'	100'	2	2.42
1 1/4"	NXN1.25	1"	1 1/2"	25'	100'	2	3.49
1 1/2"	NXN1.50	1 1/4"	1 3/4"	25'	100'	2	4.03
1 3/4"	NXN0.13	1 1/2"	2"	25'	100'	2	4.76

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Polyaramid Polymetaphenylene Isophthalamide
Grade	NXN
Wall Thickness	.016"
Drawing Number	TF001NXN-WD
Cutting	Scissors

COLORS



Green (GN), Natural (NT)

CERTIFICATIONS



*Nomex[®] is a registered trademark of DuPont™.



ABRASION

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
Material Destroyed, Hole Through	350 Test Cycles
Pre-Test Weight	2,271.03 mg
Post-Test Weight	2,097.67 mg
Test End Loss Of Mass Point Of Destruction	173.36 mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating (FMVSS-302 Approved)	Self Extinguishing
Recommended Cutting	Scissor
Colors	2
Wall Thickness	.016"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	8
Specific Gravity (ASTM D-792)	1.38
Moisture Absorption % (ASTM D-570)	4
Hard Vacuum Data (ASTM E-595 at 10 ⁻⁵ torr)	
TML	3.94
CVCM	.18
WVR	2.91
Smoke D-Max (ASTM E-662)	
Outgassing	
Oxygen Index (ASTM D-2863)	28

FLAMMABILITY

Rating (FMVSS-302 Approved)	Self Extinguishing
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	662°F / 350°C
Maximum Continuous (Mil-I-23053)	428°F / 220°C
Minimum Continuous (Mil-I-23053)	-76°F / -60°C

CHEMICAL RESISTANCE

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

Aromatic Solvents	
Aliphatic Solvents	
Chlorinated Solvents	
Weak Bases	
Salts	
Strong Bases	1
Salt Water (O-S-1926)	
Hydraulic Fluid (MIL-H-5606)	
Lube Oil (MIL-L-7808)	
De-Icing Fluid (MIL-A-8243)	
Strong Acids	2
Strong Oxidants	2
Esters/Ketones	
UV Light	2
Petroleum	1
Fungus (ASTM G-21)	
Halogen Free	Yes
RoHS	Yesv
SVHC	