

Nomex Braided Sleeving

Applications

- Military
- Marine
- Railway
- Aerospace
- Electrical equipment industries
- Wiring and harnessing applications

Features & Benefits

- 1:3 expansion ratio
- Thin Wall
- Lightweight
- Self-extinguishing
- Excellent abrasion protection
- Low temperature flexibility to –60°C
- Operating Temperature -60°C to +240°C

rated with water vapour Humidity resistance

Product Information

Nato Green - 5

Retains 70% of its original tensile strength

Nomex Braided Sleeving

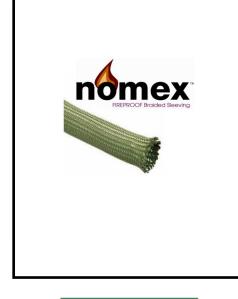
Nomex braided sleeving is manufactured by braiding Nomex yarn to produce a thick walled highly expandable structure. The ready "concertina" action of the sleeve will expand the bore and thus assisting fitting over complex shapes.

Nomex braided sleeving is light weight, flexible and non-flammable. It will perform without deterioration in the most diverse and demanding environments.

Nomex braided sleeving is oil and water repellent and also offers excellent resistance to gamma and x-rays.

Nomex braided sleeving is designed for the protection of wires and cable bundles against flame, high temperatures and mechanical abrasion. It is used on a variety of applications in the military, railway, marine, aeronautical and electrical equipment industries.

Test Method	Property	Result		
		-60°C to +240°C continuous, Up to +310°C		
	Working Temp	short term		
Above +370°C	Carbonisation	Does not melt		
50,000 bending cycles at				
180°C	Bending strength	Pass		
UL224	Flame Resistance	VW-1		
	Flame retardant FAR 25			
UL94	AMDT.25-72	Base material classified VO Pass		
EN6059 Part 303	Fluid resistance			
	Fuel: JP5 (NATO F44)	Pass		
	Hydraulic fluid	Pass		
	Skydrol 500B4 & L D4	Pass		
	Mineral Oil: MIL-L-7870A	Pass		
	Synthetic Oil: MIL-L-23699	Pass		
	Cleaning Fluid	Pass		
	De-icing fluid: MIL-A-8243	Pass		
1000h at 150°C in air satu	-			





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VIDAFLEX ARAMID X Dimensions

			Recomeded Dia	
Description	Nominal Diameter	Recomeded Dia Min:	Max:	Spool
HILFLEX-NOMEX-4.0-5-SP	4mm	1.5mm	4.5mm	100M
HILFLEX-NOMEX-6.0-5-SP	6mm	3.5mm	10.5mm	100M
HILFLEX-NOMEX-8.0-5-SP	8mm	4mm	13mm	100M
HILFLEX-NOMEX-10.0-5-SP	10mm	7mm	17mm	100M
HILFLEX-NOMEX-15.0-5-SP	15mm	10mm	20mm	100M
HILFLEX-NOMEX-20.0-5-SP	20mm	12mm	25mm	100M

Note: Longitudinal shrinkage should be taken into account when utilising the full expansion properties of the sleeve

Other sizes are available on request Standard colour - Nato Green