

Nomex® Untreated Sleeving
Nomex® ML Treated Sleeving

Description:

Varflex Nomex® Sleeving is a flexible, protective sheathing that exhibits outstanding thermal stability and flame resistance as well as a high degree of cut and abrasion resistance. It is intended for use as mechanical protection of cables, hoses and wires in various applications where high heat and flammability are of concern. Available in two types; Untreated, and Nomex ML, which is treated with a polyimide resin coating to prevent fraying.

Sizes:

Nominal sizes from 1/8" through 1 3/4". Other sizes available upon request.

Colors:

Standard Color, Natural, Custom colors subject to inquiry.

Standard Packaging:

Available in coils or spools.

Typical Properties

Physical

Specific Gravity, g/cu. Cm.	1.38
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Chemical/Environmental

Resistance to Acids and Alkalis	Good
Resistance to Organic Solvents	Excellent
Resistance to Gasoline and other Petroleum Products	Excellent
Resistance to degradation by Gamma and UV radiation	Excellent

Note: does not provide protection against radiation

Electrical

Dielectric Strength	Provides only space factor electrical insulation. No dielectric guarantee.
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Thermal

Flammability	Self-extinguishing. Will not melt, drip, or support combustion in air.
Effects of Heat	Maximum continuous operating temperature of 428°F (220°C). Nomex® will not melt, however it begins to decompose at 700°F (371°C).
Effects of Cold	Minimum continuous operating temperature of -76°F (-60°C). No embrittlement or degradation at cryogenic temperatures as low as -320°F (-196°C)

*Note: Information contained here is precise and reliable. However, being unique, end-use should be evaluated to satisfy its specific requirements.



Electrical Insulating Sleeving