



Characteristics

- ▶ Low thermal conductivity
- ▶ Non-combustible
- ▶ Dimensionally stable at elevated temperatures
- ▶ 375°F service temperature
- ▶ High-strength-to-weight ratio
- ▶ Resistant to abrasion
- ▶ Good dielectric properties
- ▶ Resistant to acids and alkalis
- ▶ Excellent flexibility

Typical Applications

- ▶ Protective clothing and gloves for Firefighters
- ▶ Industrial filtration felts
- ▶ Smoke curtains for naval vessels
- ▶ Protective clothing for Petrochemical workers
- ▶ Heat insulation tape and sleeving
- ▶ Aviator and racecar driver uniforms
- ▶ Thermal insulation felts and batts

Nomex is an Aromatic Polyamide fiber (related to Nylon and Kevlar) developed and marketed by Dupont. As an inherently flameproof synthetic textile, Nomex has been woven, knitted, braided, and felted into different forms in order to meet the varied requirements of industry and firefighting.

Nomex fiber is rare among "high temperature" products in that it is readily dyed to many colors and has the appearance of a normal apparel fabric. In addition, the dyes are color-fast and the fabrics launder very well.

Nomex has been one of the most widely-used and tested products in firefighting for many years. This may be the best testimony to its effectiveness.

Thermostatic Industries, Inc. (800) 345-4217

Fax: (213) 749-2646 E-mail: thermo@thermostatic.com

Website: <http://www.thermostatic.com>