

Braided Sleeving Nomex®

pro-POWER

Description

It is a flexible tubular expandable sleeving, braided with Nomex polyaryl-amide fibres. This light weight braided product exhibits an exceptional thermal stability and chemical, solvent and abrasion resistance. The sleeving retains its integrity at temperature over 254°C, (the melting point of nylon) or in presence of beta, gama and X-ray radiation or when exposed to high humidity or moisture. The high expansion allows the sleeving to be easily drawn on long lengths of wiring and cover a wide range of diameters with only few products sizes. The product is ideal of a wide range of applications such as military and aerospace wiring harnessing applications.

Features:

- It can be used for a wide range of applications such as military and aerospace wiring and harnessing applications
- High radiation resistance
- Light weight
- Wide operating temperature
- Heat resistance up to 371°C
- High abrasion and flexibility
- Maintains its properties in hostile environments
- Available in olive colour
- Supplied on reels

Specifications:

Working Temperature : Up to +245°C
Standard colour : Olive

Typical Properties at 21°C

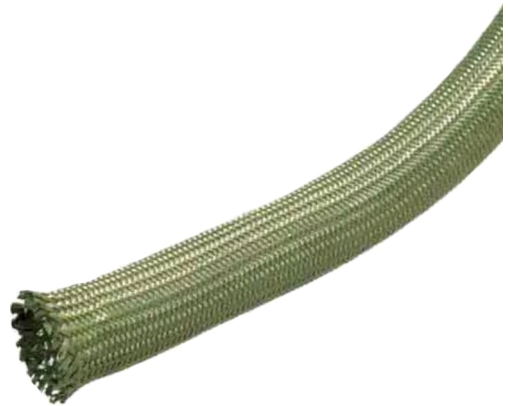
Fiber : 200 deniers (220 dtex)
Limiting Oxygen Index : 29%
Tensile strength at break
 Conditioned at 65% RH : 4.4 cN / dtex
 Wet : 3.5 cN / dtex

Elongation at break
 Conditioned at 65% RH : 25%
 Wet : 16%

Initial modulus (at 100% elongation)
 Conditioned at 65% RH : 110 cN / dtex
Specific Gravity : 1.38
Coefficient of Linear Expansion
(Between 21 and 204°C) after
relaxed Heat-setting at 260°C : $2 \times 10^{-8} \text{cm} / (\text{cm } ^\circ\text{C})$
Thermal Conductivity : 0.13 W / (m.K)

Flame Resistance : Nomex does not melt or flow till 371°C

Chemical Resistance : Resistance to most mineral acids, organic acids, alkalis, bleaching agents, organic chemicals and salt solutions. Unaffected by freon, gasoline, jet fuel, ethylene glycol and methyl alcohol.



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תיאור פריט: שרוולי רשת NOMEX להגנה על כבלים

יצרן: PRO POWER

מיקום באתר: כבלים ואביזרים לכבלים / אביזרים לכבלים ובידוד מתכווץ / שרוולי רשת NOMEX להגנה על כבלים

יבואן: טלמיר אלקטרוניקה בע"מ