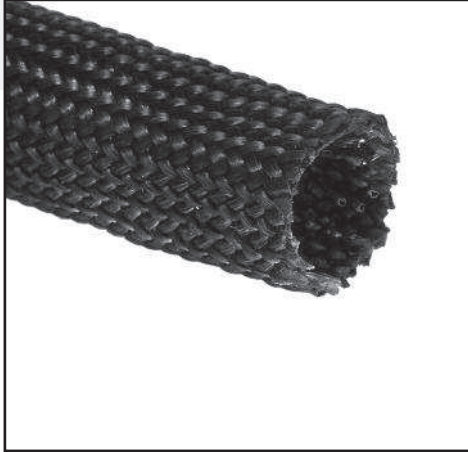


PROTECTIVE SLEEVING

PERIFLEX DURA-NX



Notes

This information and data is believed to be accurate and reliable. We place at your disposal the technical information necessary for the correct use of our products and offer the possibility of simulating in our laboratory the conditions of many applications, in order to advise on the suitability of our products. As conditions and methods of use are beyond our control, the user must confirm suitability before adopting our products for commercial use. We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

Applications

Mechanical and thermal protection for harnesses. Because of its expandability the product allows to assemble and jacket punches and set of wires of different diameters within the same sleeving and is very easy to mount and cut. Ideal for aerospace, railway, marine and military applications.

Description

Braided sleeving made of Nomex multifilament intended for mechanical protection and for the protection of cable bundles against flame. Extremely tough and light weight structure.

Features & Benefits

- Halogen free
- Self-extinguishing VW-1
- Highly flexible
- Light weight
- Excellent chemical resistance
- Good abrasion resistance
- Good water repellent due to its special impregnant

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Operating Temperature

- -40°C to +200°C, peaks +265°C

Specifications

- IEC 60684
- UL 224

Put up

In coils of variable length, depending on the diameter of the sleeving. On request in cut lengths.

Handling

No special handling requirements. For product safety data and product disposal advice, see separate Safety Data Sheet.

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Technical Characteristics

Property	Test	Result																											
Thermal Overcharge and Ageing Resistance	Simulation of real operating conditions	Good resistance to thermal overcharges. Maintains its properties after accelerated thermal ageing: 10 days at 265°C																											
Longitudinal Change	IEC 684-Part 2 Clause 9 4 hours at 175°C ±2°C	10% max																											
Flammability	UL 224 FMV SS302	Self-extinguishing Self-extinguishing																											
Cold Resistance	Bending at low temperature. IEC 60684 – Part 2 Clause 14	No cracking after bending at -40°C																											
Chemical Resistance	Simulation of real operating conditions	In general good resistance to aggressive chemical agents																											
		<table border="1"> <thead> <tr> <th>Fluid</th> <th>1 hr at 23°C</th> <th>5 min at 90°C</th> </tr> </thead> <tbody> <tr> <td>Unleaded 98 octane petrol</td> <td>Pass</td> <td>----</td> </tr> <tr> <td>Diesel fuel</td> <td>Pass</td> <td>----</td> </tr> <tr> <td>Antifreeze – Renault Glaceol RX Type D</td> <td>Pass</td> <td>Pass</td> </tr> <tr> <td>Windscreen washer fluid – ad. Pro</td> <td>Pass</td> <td>----</td> </tr> <tr> <td>White spirit</td> <td>Pass</td> <td>----</td> </tr> <tr> <td>Brake fluid – DOTS</td> <td>----</td> <td>Pass</td> </tr> <tr> <td>Motor oil – Elf Competition 15W50ST</td> <td>----</td> <td>Pass</td> </tr> <tr> <td>Cold degreaser – Renault 20</td> <td>----</td> <td>Pass</td> </tr> </tbody> </table>	Fluid	1 hr at 23°C	5 min at 90°C	Unleaded 98 octane petrol	Pass	----	Diesel fuel	Pass	----	Antifreeze – Renault Glaceol RX Type D	Pass	Pass	Windscreen washer fluid – ad. Pro	Pass	----	White spirit	Pass	----	Brake fluid – DOTS	----	Pass	Motor oil – Elf Competition 15W50ST	----	Pass	Cold degreaser – Renault 20	----	Pass
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Dimensions

Nominal bore mm	Min. Bore mm	Max. Bore mm	Wall Thickness mm
6	5	9	0.50 ±0.15
8	6	14	0.50 ±0.15
10	8	16	0.50 ±0.15

Note: On request we supply other diameters.

Reference

DURA1 Product	_NX_ colour	--- Nominal bore x10
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For example:
DURA1NX100
(nominal bore: 20mm)

Standard colour: Green
SUBJECT TO AVAILABILITY