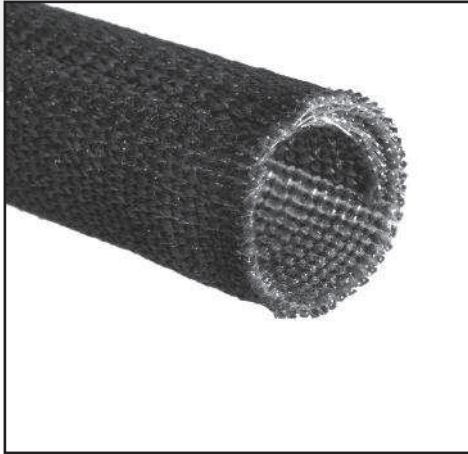


PROTECTIVE SLEEVING

PERIFLEX SELF CLOSING NXP (SC8NXP)

Thermal and electrical insulating sleeveings



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 of electrical conductors and other components. The sleeving is capable of short-term operation above its thermal classification. Due to its special closing mechanism, it's the ideal product to assembly at the end of the process. Ideal for aerospace and railway applications.

Description

Woven open sleeve made of PPS monofilament and Nomex® multifilament yarn with a white tracer indicative of the maximum diameter. The material possesses unique wraparound qualities allowing easy cable bundling after wire harness assembly. The special woven structure does not allow to see through it the cables inside.

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Features & Benefits

- Recyclable
- Very good flame resistance
- Halogen free
- Very high closing force
- Flexible
- Guillotine cutting
- Very few dust when cutting
- Self extinguishing
- Ideal for aerospace and railway applications

Operating Temperature

- -70°C to +260°C

Specifications

- IEC 60684 sheet 340
- UL 224
- FAR 25.853
- Airbus Dir.ABD 0031
- NF F16101

Put up

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

Handling

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

PROTECTIVE SLEEVING

PERIFLEX SELF CLOSING NXPk (SC8NXPk)

Thermal and electrical insulating sleeveings

Technical Characteristics

Property	Test	Result	
Heat Resistance	168 hours at +260°C	Pass	
Flammability	FAR 25.853 Appendix F, Part 1	60 s vertical bunsen burner AITM 2.0002A	Pass
Smoke Density	FAR 25.853, AITM 2,0006	Pass	
Toxicity	ABD 0031; AITM 3,0005	Pass	
Cold Resistance	Bending at low temperature IEC 60684 – Part 2 Clause 14	No cracking after bending at -40°C	
Longitudinal Change	IEC 60684-Part 2 Clause 9 4 hours at +175°C	10% maximum	
Oxygen index	ISO 4589	Under testing	
Chemical Resistance	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	

Dimensions

Reference	Nominal Size (mm) 25 % overlap	Width (mm)
SC8NXPS050	5	26 ± 5
SC8NXPS080	8	38 ± 5
SC8NXPS130	13	58 ± 5
SC8NXPS190	19	81 ± 5
SC8NXPS250	25	108 ± 8
SC8NXPS320	32	131 ± 8

Note: Other diameters supplied upon request.

Standard colour: Green
SUBJECT TO AVAILABILITY