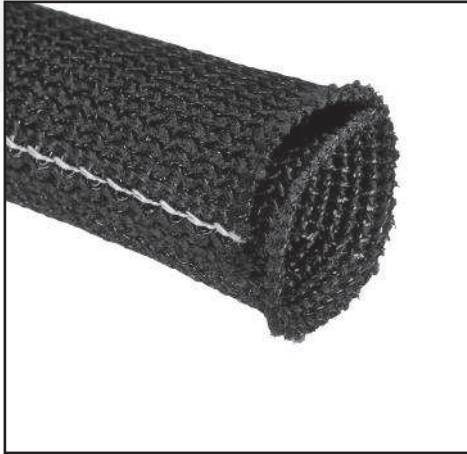


## PROTECTIVE SLEEVING

### PERIFLEX SELF CLOSING-SE (PLAI7)

Sleeving for thermal, electrical, mechanical & EMI applications



#### 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 monofilament and multifilament polyester flame-retardant fibers. The material possess 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. Black color with white tracer line.

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#### Features & Benefits

- Recyclable
- Halogen free
- Extra flexible
- Very few dust when cutting
- Very good abrasion resistance
- Very high closing force
- Guillotine cutting
- Self extinguishing

#### Operating Temperature

- -40°C to +150°C

#### Specifications

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

#### Put up

On spools 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.

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#### Technical Characteristics

Property	Test	Result
Heat Resistance	10 days at +175°C	Pass
	3.000 hours at +150°C	Pass
Flammability	FAR 25.853 Appendix F, Part 1	60 s vertical bunsen burner AITM 2.0002A Pass
		12 s vertical bunsen burner AITM 2.0002B Pass
Smoke Density	FAR 25.853; AITM 2,0006 NF X 70702	Pass Pass
Toxicity	ABD0031; AITM 3,0005 NF X 70 100	Pass 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
Abrasion Resistance	SAE ARP 1536A Ø20 mm over 20 mm mandrel	Min 200,000 cycles
Oxygen Index	ISO 4589	>34% (I2)
Smoke Class	NF F 16 101	FI

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#### Dimensions

Reference	Diameter 25 % overlap	Standard Packaging (m)
PLAI7NE030	6	250
PLAI7NE060	10	200
PLAI7NE090	12	175
PLAI7NE140	21	100
PLAI7NE200	28	75
PLAI7NE260	34	75
PLAI7NE320	44	50
PLAI7NE440	61	35

**Note:** Other diameters supplied upon request.