

 Relats HQ	 +34 938 627 510	 relatshq@relats.com
Relats UK	+44 1495 271 161	relatsuk@relats.com
Relats China	+86 512 8155 7766	relatschina@relats.com
Relats México	+52 472 748 91 00	relatsmexico@relats.com
Relats Maroc	+212 539 398 850	relatsmaroc@relats.com

SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS



SPECIFICATIONS:

- IEC60684 sheet 340
- FAR25,853
- Airbus ABD0031
- NF F 16101

APPLICATION:

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 possesses unique wraparound qualities allowing easy cable bundling after wire harness assembly. The special woven structure does not allow to see the cables inside.

Black color with white tracer line.

OPERATING TEMPERATURE: -70°C to +150°C
(-94°C to +302°F)

ITS MAIN FEATURES ARE:

- Recyclable
- Halogen free
- Extra flexible
- Very few dust when cutting
- Very good abrasion resistance
- Very high closing force
- Self-extinguishing
- UL94 V0 (raw material)

PLAI7 V0 RW

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.

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.

TECHNICAL CHARACTERISTICS:

Property	Test	Result
Heat Resistance	10 days at +175°C (+347°F)	Pass
	3.000 hours at +150°C (+302°F)	Pass
Cold Resistance	Bending at low temperature IEC60684 Part 2 Clause 14	No cracking after bending at -70°C (-94°C)
Longitudinal Change	IEC60684 Part 2 Clause 9 4 hours at +175°C (+347°F)	10% maximum
Abrasion Resistance	SAE ARP 1536 Ø20mm (25/32 in) over 20mm (25/32 in) mandrel	Min. 200.000 cycles
Smoke Density	ISO 5659-2	Ds max: 147,7
Gas Toxicity	NF X - 70-100-1 2006 NF X - 70-100-2 2006	Conventional Toxicity Index ITC: 8,83
Oxygen Index	NF EN ISO 4589-2 1999	I O: 34,0%
Smoke Class	NF F 16-101	Smoke Index IF: 12 Smoke Class: F1 Reaction to fire Class: I2
Fire Behaviour	EN 45545-2 2013	R22&R23: Hazard level HL1, HL2, HL3

DIMENSIONS:

Reference	Diameter (mm) (in) 25% Overlap maximum recommended application	Standard Packaging (m) (ft)
PLAI7NE030	6 (15/64")	250 (820)
PLAI7NE060	10 (25/64")	200 (656)
PLAI7NE090	12 (15/32")	175 (574)
PLAI7NE140	21 (53/64")	100 (328)
PLAI7NE200	28 (1 7/64")	75 (246)
PLAI7NE260	34 (1 11/32")	75 (246)
PLAI7NE320	44 (1 47/64")	50 (164)
PLAI7NE440	61 (2 13/32")	35 (115)

NOTE: Other diameters supplied upon request.