

INSULPROTECT SELF CLOSING SLEEVING

Description:

Self Closing Fibreglass and Polyester sleeving coated with self-extinguishing and fire resistant special silicone rubber, that guarantees a high degree of thermal insulation and fire protection.



Operating temperature : - 70°C to + 200°C (3000 hours)
Peaks at + 300°C (1 hour)

Main features are:

- Self closing
- High thermal insulation, heat barrier
- Non fraying
- Halogen Free
- Self-extinguishing
- Fire resistant
- Flexible
- Excellent resistance to oils, fluids and aggressive chemical agents
- Resistant to molten steel splashes

Application:

This glass sleeving impregnated with silicone varnish is flexible and compatible with most impregnating varnish systems, it is an ideal thermal and electrical insulation in heaters and other devices with a very high operating temperature.

Specifications:

- FAA 60
- UL 1441
- NF EN 60695
- NF EN ISO 4589

Dimensions:

Size Ø

5, 8, 13, 32 mm

NOTE: Other diameters supplied upon request.

*** Tests performed at Warrington Fire LAPI (*)**

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Technical Characteristics		
Property	Test	Result
Glow wire Flammability test (*)	NF EN 60695-2-11:2001 + NF EN 60695-2-10:2001	No ignition at 850°C Ignition at 960°C- No flame persistence at 960°C after glow wire withdrawal
Oxygen index (I.O.)(*)	NF EN ISO 4589-2:1999	DNA
Thermal Overcharges	20 minutes @ +1090°C 15 seconds @ +1640°C	Pass Pass
Ageing resistance	Simulation of real operating conditions	After the process of accelerated thermal ageing: 60 days @ +235°C 7 days @ +265°C There are neither cracks nor deformations to be observed on the surface of silicone rubber coating and values obtained for dielectric strength meet the values required in UL1441
Flammability	FAA 60°C	Pass the following flame test (1090°C) flame for 3 minutes) all wires in wire harness meet 1500v.
Cold resistance	UL 1441 (winding test): 1 hour @ -70°C	There are neither cracks nor deformations to be observed on the surface of silicone rubber coating.
Humidity resistance	UL 1441	After submitting the sleeving to humid test conditions it does not become flabby, nor does its surface become tacky.
Chemical Resistance	Simulation of real operating conditions (Tested with commercial products, simulating the real operating conditions of our customers applications)	Passes fluid immersion test: Anti Icing Fluids Hydraulic Fluid Lubrication Oil MEK (MethylEthylKetone)