

TECHNICAL DATA

Scapa 1503B

Glass Cloth Adhesive Tape

DESCRIPTION

Scapa 1503B is a glass cloth tape coated with a thermosetting rubber adhesive with 0.16 mm total thickness and recommended for coil winding protection and insulation and fixing wires prior impregnation (130°C thermal class B).

APPLICATIONS

- Fixing and reinforcing coils and output wires,
- Insulation of primary coils,
- Insulating switches, inductors, motor lead connections,
- Securing, splicing cables and wires harnesses.
- Outer protective insulating wraps for bobbins, coils, dry transformers etc...
- Vibration damping effect for methane tanker partitions in shipbuilding applications.

PRODUCT BENEFITS

- The glass cloth backing provides very good conformability and excellent impregnation,
- Regular finishing onto high diameter copper wires,
- High mechanical strength,
- Thermosetting rubber adhesive system, which provides an optimum resistance to solvents and varnishes once fully cured in dry applications,
- Easy printable carrier which allows your brand and the component technical features marking and identification.
- UL 510 approval Guide OANZ 2: File E 103655,
- Service temperature: 130°C continuous Thermal Class B.

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TECHNICAL PROPERTIES

	Unit	Nominal value	Test Method
Total Thickness	mm	0.16	AFERA 4006
Tensile Strength	N/cm	300	AFERA 4004
Elongation at Break	%	8	AFERA 4005
Adhesion to Steel	N/cm	4	AFERA 4001
Breakdown Voltage	kV	1.5	AFERA 4011
Insulation Resistance	MΩ	1.5 x10 ³	AFERA 4010
Service Temperature	°C	130	UL1446
Corrosion Factor		0.95	
Cross-linking Cycle		1h at 150°C – 2h at 130°C	

STANDARD PRESENTATION

Roll length: 50 metres

Roll width:12, 15, 19, 25, 30, 38 and 50 mmCore:76 mm Scapa branded cardboard core

Packaging: Plastic bag

Colours: White

Note: Other dimensions are available upon request and may be subject to minimum order quantities.

RECOMMENDATIONS

The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10°C and +30°C. Under these conditions, the storage life of the tape in a temperate climate will be at least 6 months.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.

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