



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.

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 mm
- Core: 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.