



Scapa 1504H

Glass Cloth Adhesive Tape

DESCRIPTION

Scapa 1504H is a glass cloth tape coated with a thermosetting silicone adhesive with 0.17 mm total thickness and recommended for coil winding protection and insulation and fixing wires prior impregnation (180°C thermal class H).

APPLICATIONS

- Securing, splicing cables and wires harnesses,
- Protective mask of PCB for wave soldering,
- Insulating switches, inductors, connections, class H dry-type transformers leads,
- Fixing, reinforcing and securing high temperature non-adhesive insulating materials,
- Fixing and securing wires onto carcass prior to impregnation,
- Fixing and reinforcing coils and output wires,

PRODUCT BENEFITS

- Service temperature: 180°C continuous – Thermal Class H.
- Flame retardant according to UL 510,
- UL 510 approval - Guide OANZ 2: File E 103655,
- Easy printable carrier which allows your brand and the component technical features marking and identification,
- Excellent temperature resistance higher than with Scapa 1502F,
- Thermosetting silicone adhesive system, which provides an optimum resistance to solvents and varnishes when fully cured in dry applications,
- High mechanical strength,
- Regular finishing onto high diameter copper wires,
- The glass cloth backing provides very good conformability and excellent impregnation

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Total Thickness	0.17	mm	AFERA 4006
Tensile Strength	300	N/cm	AFERA 4004
Service Temperature	180	°C	UL1446
Insulation Resistance	1.5 x103	M Ω	AFERA 4010
Elongation at Break	8	%	AFERA 4005
Cross-Linking Cycle	1h at 150 (2h at 130)	°C	-
Corrosion Factor	0.95	-	-
Breakdown Voltage	2.3	kV	AFERA 4011
Adhesion on Steel	3.8	N/cm	AFERA 4001

STANDARD PRESENTATIONS

- Roll Width: 12, 15, 19, 25, 30, 38 and 50 mm
- Roll Length: 33 metres
- Packaging: Plastic bag
- Core: 76 mm Scapa branded cardboard core
- Colours: White

Note:

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.