



H204

Glass Cloth Adhesive Tape

DESCRIPTION

H204 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

- Fixing and reinforcing coils and output wires,
- Fixing and securing wires onto carcass prior to impregnation,
- Fixing, reinforcing and securing high temperature non-adhesive insulating materials,
- Insulating switches, inductors, connections, class H dry-type transformers leads,
- Protective mask of PCB for wave soldering,
- Securing, splicing cables and wires harnesses,
- Slot cell edge tapping,
- Outer protective insulating wraps for bobbins, coils, dry transformers etc...
- Plasma spray surface protection.

PRODUCT BENEFITS

- The glass cloth backing provides very good conformability and excellent impregnation,
- Regular finishing onto high diameter copper wires,
- High mechanical strength,
- Thermosetting silicone adhesive system, which provides an optimum resistance to solvents and varnishes when fully cured in dry applications,
- Excellent temperature resistance.
- Easy printable carrier which allows your brand and the component technical features marking and identification,
- UL 510 approval - Guide OANZ 2: File E 100223,
- Flame retardant according to UL 510,
- Service temperature: 180°C continuous – Thermal Class H.

TECHNICAL PROPERTIES

	Unit	Nominal value	Test Method
Total Thickness	Mm	0.17	AFERA 4006
Tensile Strength	N/cm	300	AFERA 4004
Elongation at Break	%	8	AFERA 4005
Adhesion to Steel	N/cm	3.8	AFERA 4001
Breakdown Voltage	kV	2.3	AFERA 4011
Insulation Resistance	M Ω	1.5 x10 ³	AFERA 4010
Service Temperature	°C	180	UL1446
Corrosion Factor		0.95	
Cross-linking Cycle		1h at 150°C – 2h at 130°C	