

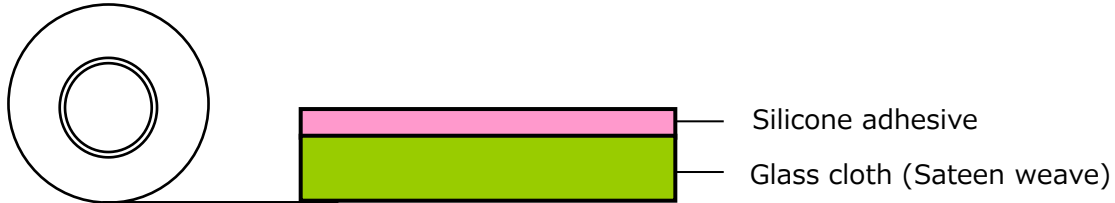
Glass Cloth Adhesive Tape

ST-HG-T(R)

Outline

ST-HG-T(R) is an insulating tape consisting of a glass cloth base coated with silicone adhesive. The tape features excellent heat resistance, and when heated, the adhesive cures faster and produces increased adhesion.

Structure



Feature

- ① Superior physical and mechanical strength.
- ② Moderate unwind adhesion and strong adhesion
- ③ Good adherence and conformability to curved or uneven surface
- ④ Superior heat resistance (class H insulating material)
- ⑤ Excellent flame resistance (UL-510FR listed)

Applications

- ① Taping of class H coils, sheathing insulation of coils, coil banding, lead wire retention, etc.
- ② Sheathing insulation or protection of class H transfer coils, etc.
- ③ Insulation of electric heating appliances, etc.

Properties

Item	Unit	Measured value	Test method (23°C×50%RH)
Thickness	mm	0.19	Dial gauge (1/1000mm)
Tensile strength	N/19mm	690	Tensile speed : 300mm/min
Peel strength	N/19mm	6.5	Adherent : Stainless plate Tensile angle : 180 degrees
Peel strength After Heated	N/19mm	8.3	Tensile speed : 300mm/min Heat Condition : 180°C× 2 Hrs
Unwinding force	N/19mm	3.7	Tensile speed : 300mm/min
Breakdown voltage	kV	4.5	Electrode : 6φ Increased voltage : 1kV/sec

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