

3M

Scotch™ 27 Tape

Glass Cloth Electrical Tape

Data Sheet



Product Description

Scotch™ Brand 27 Glass Cloth Electrical Tape is a woven glass cloth tape designed to operate in applications requiring high mechanical strength and resistance to high temperatures. The glass cloth is specially treated and prepared to provide corrosion free protection. The glass will not shrink, rot or burn and has a high tensile strength. The adhesive is a rubber pressure-sensitive thermosetting system. The tape is designed for continuous use at class “B” (130°C) temperature.

Applications

Useful applications include a heat-stable insulation for furnace and oven controls, motor leads and switches.

Official Approvals

UL Listed

Technical Information

Scotch™ 27 Electrical Tape has a rubber thermosetting, pressure-sensitive adhesive which electrically insulates and provides mechanical protection at high temperatures.

Colour	White
Temperature rating – continuous	130°C
Temperature rating – short term	160°C
Thickness	0.170mm
Elongation at break	5%
Tensile strength	260 N/10 mm
Electric strength	11.5kV/mm

Key Features and Benefits

Feature	Benefit
High temperature thermosetting adhesive	Heat stable insulation allows system to provide the highest quality job
Mechanical protection	Abrasion protection that lasts longer and improves safety
Components listed	Safety/Security – right product for high temperatures

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