



Scotch™ 27 Tape

Glass Cloth Electrical Tape

Data Sheet



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK

Page 1 of 1



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

Important Notice

Technical information provided by 3M is based on experience and/or tests believed to be reliable, but their accuracy is not guaranteed and the results may not be relevant to every user's application. For this reason 3M does not accept responsibility or liability, direct or consequential, arising from reliance upon any information provided and the user should determine the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence. All questions of liability relating to 3M products are governed by the seller's terms of sale subject where applicable to the prevailing law. If any goods supplied or processed by or on behalf of 3M prove on inspection to be defective in material or workmanship, 3M will (at its option) replace the same or refund to the Buyer the price paid for the goods or services. Except as set out above, all warranties and conditions, whether express or implied, statutory or otherwise are excluded to the fullest extent permissible at law. 3M and Scotch are trademarks of the 3M Company. Printed in the UK.
© 3M United Kingdom PLC, 2001



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK