

Technical data sheet



Product: 79

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: ELEKTRO

Article group: KLEBEBAND

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3M™ GLASS CLOTH ELECTRICAL TAPE 79

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3M™ Glass Cloth Electrical Tape 79 with Acrylic Adhesive

Data Sheet

August 2021

Product Description

3M™ Glass Cloth Electrical Tape 79 is a white, 7-mil (0.178 mm) thick tape composed of a 5-mil (0.127 mm) glass cloth backing coated on one side with a non-corrosive, acrylic pressure-sensitive adhesive.

- Commonly used in coil cover, anchor, banding and core layer and crossover insulation
- Adhesive requires no heat, moisture or other manner of preparation to affect application
- Designed for continuous operation not exceeding 155°C (311 °F) per UL listing

Properties

Physical Properties	Value Imperial (Metric)	Electrical Properties	Value Imperial (Metric)
Color - Visual	White	Dielectric Breakdown ¹ - Minimum	2000 V
Adhesive	Acrylic	Electrolytic Corrosion Factor ²	0.9
Backing	Glass Cloth	Insulation Resistance ¹ - Minimum	50x10 ⁶ Ω
Mechanical Properties	Value Imperial (Metric)		
Backing Thickness - Nominal	5 mil (0.127 mm)		
Total Thickness ¹	7.0 +/- 1.0 mils (0.178 +/- 0.025 mm)		
Adhesion to Steel ¹ - Minimum	30 oz/in (3.3 N/cm)		
Breaking Strength ¹ - Minimum	80 lb/in (140 N/cm)		

Notes:

1. ASTM D1000 Test Method - properties measured at room temperature 73°F (23°C) unless otherwise stated
2. 3M Test Method ETM-54001 - 0.9 value means tape or backing may promote corrosion

Agency Approvals & Self Certifications

- UL Component Recognized: UL510A Standard, Category OANZ2, File No. E17385
- For Regulatory information including RoHS, REACH, please visit www.3M.com/regs

Shelf Life & Storage

This product has a 5-year shelf life (from date of manufacture) when stored in humidity-controlled storage (50°F/10°C to 80°F/27°C and <75% relative humidity).

Availability

3M™ Glass Cloth Electrical Tape 79 available from 3M authorized distributors / converters
Also available from 3M.com/oem or call 1.800.245.3573.

3M™ Glass Cloth Electrical Tape 79 with Acrylic Adhesive

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