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3M™ Glass Cloth Electrical Tape 27, 3/8 in x 60 yd

Part Number 27 3/8"X60YD, 3M ID 80002020099, UPC 00051138404062



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Hover to zoom



- 7-mil woven insulating glass cloth tape with pressure-sensitive rubber thermosetting adhesive
- Designed to operate in 600 volt dry applications requiring high mechanical strength and resistance to high temperatures
- Adhesive is specially designed and prepared to provide corrosion protection
- Edge-tear resistant, conformable, and abrasion resistant

[View all details](#)

Overall Length (Imperial)

Select ▼

Overall Width (Imperial)

0.375 in ✕

WHERE TO BUY

Where to Buy

1 Product Available

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[3M ID 80002020099](#)

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Adhesion Strength	30 Ounce
Adhesion to Steel oz/in (N/100 mm)	30 (33)
Adhesive Material	Thermosetting Rubber
Adhesive Type	Rubber
Agency Approvals	CSA Certified, UL Listed, UL Recognized
Application	Electrical Maintenance
Backing Material	Glass Cloth
Backing Thickness (Metric)	5 mm
Brand	3M™, Scotch™
Breaking Strength (Imperial)	150 lb/in
Case Quantity	100 Rolls, 24 Rolls, 50 Rolls, 9 Rolls
Color Family	White
Core Material	Paper
Core Size (Imperial)	3 in
Dielectric Breakdown	3000 Volt
Dielectric Strength (V/mil)	500 V/mil, 750 V/mil
Electrolytic Corrosion Factor	0.9

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Elongation	5 %
Elongation at Break	5%
Family	Scotch® Glass Cloth Electrical Tapes 27
Flame Resistant	No, Yes
Insulation Resistance	4.5 × 10^4 megohms, 4.8 × 10^4 megohms
Manufacturing Origin	USA
Maximum Operating Temperature	90 °C
Maximum Operating Temperature (Celsius)	150 Degree Celsius, 80 Degree Celsius
Maximum Operating Temperature (Fahrenheit)	302 Degree Fahrenheit
Minimum Order Quantity	1 Roll
National Stock Number	5970002848565, 5970005680543, 5970006869151, 5970008784088, 5970010950528, 5970011549181
Operating Temperature (Celsius)	150°, 150°C
Operating Temperature Range (Celsius)	0 °C to 150 °C
Operating Temperature Range (Fahrenheit)	32 °F to 302 °F
Overall Length (Imperial)	60 yd, 66 ft
Overall Length (Metric)	20.1 m, 54.8 m
Overall Width (Imperial)	0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in, 2 in
Overall Width (Metric)	12.7 mm, 19.05 mm, 25.4 mm, 38.1 mm, 50.8 mm, 6.35 mm, 9.53 mm
Printable Tape	Yes
Printed Tape	No
Product Color	White
Product Form	Roll
Product Type	Glass Cloth Tape
Rolls per Carton	1
Rolls per Case	12, 144, 24, 36, 48, 50, 72, 9, 96
Self-sticking	No
Tape Grade	Premium
Tape Type	Electrical Insulating Tapes for Equipment Manufacturing, OEM, Special Use
Tensile Strength (Imperial)	150 Pound-Force Per Square Inch, 150 psi

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• Edge tear resistant, conformable, and abrasion resistant

- For use as a coil cover, anchor, banding and core, layer and crossover insulation
- Printable

3M™ Glass Cloth Electrical Tape 27 is a 7 mil woven insulating tape with pressure sensitive rubber thermosetting adhesive. This tape is designed to operate in 600 volt dry applications requiring high mechanical strength and resistance to high temperatures. The adhesive is specially designed and prepared to provide corrosion protection.

3M™ Glass Cloth Tape 27 is edge tear resistant, conformable, and abrasion resistant. For use as a coil cover, anchor, banding and core, layer and crossover insulation. UL Recognized. Printable.

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Brochures

[Tech Brief: Comparative Tracking Index Test \(PDF, 532.2KB\)](#)

[Insulation for Transformer, Applications Guide \(PDF, 415.0KB\)](#)

[3M™ Insulating and Conductive Tapes PB - LR PDF - Digital Version \(PDF, 6.8MB\)](#)

[3M™ Electrical Tapes Product Selection Guide, Low Res. \(PDF, 1.7MB\)](#)

Features\Benefits

[Scotch® Tape 27 and 69 Features and Benefits \(HTML, 1.5KB\)](#)

[Scotch® Tape 27 and 69 Features and Benefits \(HTML, 1.5KB\)](#)

Product Selection Guides

[3M™ Electrical OEM Tapes UL Matrix \(PDF, 6.4KB\)](#)

Catalogs

[3M™ Electrical Tape, Mastics & Special Use Tapes, 2013 Catalog \(PDF, 17.7MB\)](#)

Regulatory Material

[EMD Shelf Life Statement \(PDF, 90.3KB\)](#)

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Data Sheets

[3M™ Glass Cloth Electrical Tape 27 \(PDF, 28.7KB\)](#)

Safety Data Sheets

[3M™ Glass Cloth Electrical Tape 27, 27U \(PDF\)](#)

[3M™ Glass Cloth Electrical Tape 27, 27U \(PDF\)](#)

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