



## 3M™ Filament Reinforced Electrical Tape 1339 with Acrylic Adhesive

### Data Sheet

May 2021

#### Product Description

3M™ Filament Reinforced Electrical Tape 1339 is a white, 6.45-mil (0.164 mm) thick tape composed of a polyester film glass filament scrim reinforced backing coated on one side with a non-corrosive, acrylic pressure-sensitive adhesive.

- Commonly used in lead anchoring and banding of coils
- Adhesive requires no heat, moisture or other manner of preparation to affect application
- Designed for continuous operation not exceeding 130°C (266°F)

### Properties

Physical Properties	Value Imperial (Metric)	Electrical Properties	Value Imperial (Metric)
Color - Visual	White	Dielectric Breakdown <sup>1</sup> - Minimum	4990 V
Adhesive	Acrylic	Electrolytic Corrosion Factor <sup>2</sup>	1.0
Backing	Polyester / Glass Filament	Insulation Resistance <sup>1</sup> - Minimum	1x10 <sup>10</sup> Ω
Mechanical Properties	Value Imperial (Metric)		
Total Thickness <sup>1</sup>	6.45 +/- 0.75 mils (0.164 +/- 0.019 mm)		
Adhesion to Steel <sup>1</sup> - Minimum	30 oz/in (3.3 N/cm)		
Breaking Strength <sup>1</sup> - Minimum	250 lb/in (438 N/cm)		
Elongation <sup>1</sup> - Minimum	0%		

Notes:

1. ASTM D1000 Test Method - Properties measured at room temperature 73°F (23°C) unless otherwise stated
2. 3M Test Method ETM-54001 - 1.0 equates to no corrosion observed

#### Agency Approvals & Self Certifications

- For Regulatory information including RoHS, REACH, please visit [www.3M.com/regs](http://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™ Filament Reinforced Electrical Tape 1339 available from 3M authorized distributors / converters

Also available from [3M.com/oem](http://3M.com/oem) or call 1.800.245.3573.

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