

# Technical data sheet



Product: 1139

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: ELEKTRO

Article group: KLEBEBAND

Download: 04.03.2026

## 3M™ ELECTRICAL TAPE 1139

This data sheet was provided to you by Tewipack Uhl GmbH. The company tewipack Uhl GmbH assumes no responsibility for the topicality and the Accuracy of the information contained. The properties of the products can vary due to various influences such as composition and condition of the Substrate, impurities in or on the substrate, temperature and humidity at the Change storage and environmental conditions during use. Using this product in combination with other material, the customer is responsible for to check through our own tests whether the product is suitable for the planned combination and whether this combination delivers the expected results

Tewipack Uhl GmbH  
Industriestraße 15  
D-75382 Althengstett

Telephone:  
+49(0)7051/9297-0  
Fax:  
+49(0)7051/9297-99

E-Mail:  
info@tewipack.de  
Website:  
www.tewipack.de

Managing director:  
Alexander Uhl,  
Michael Uhl  
HRB 330424  
Amtsgericht  
Stuttgart

Bank details:  
Sparkasse  
Sindelfingen  
Pforzheim  
Calw  
BLZ 666 500  
85  
Konto 17 787

Commerzbank  
Sindelfingen  
BLZ 603 400 71  
Konto 8 001 166

Vereinigte  
Volksbank AG  
Böblingen  
BLZ 603 900 00  
Konto 80 089  
003

Postbank  
Stuttgart  
BLZ 600 100  
70  
Konto 146  
294 708



# 1139 Electrical Tape

Polyester Film/Glass Filament Reinforced Tape with Acrylic Pressure-Sensitive Adhesive

## Data Sheet



### Product Description

3M™ 1139 Tape is a 6.5 mil polyester film/glass filament tape coated with an acrylic, pressure-sensitive adhesive.

- UL Recognized, Class F (155°C)
- Solvent resistant without thermosetting
- High breaking strength
- Suitable for heavy duty use

### Applications

3M 1139 tape is especially suited for heavy duty air and oil filled transfer applications, reinforcements, holding and separating ground insulation, bundling motor coils and coil covering.

### UL Component Recognition

- Temperature not exceeding 155°C

UL File Number E17385 A and B, Guide OANZ2. Underwriters Laboratories (UL) Recognized products have been evaluated for use as components of end-product equipment that is listed or classified by UL. To achieve Underwriters Laboratories recognition, component construction must meet UL specifications and conditions of acceptability for proper and safe use of the component or product.

### Typical Properties

### Typical Values

Adhesive	Acrylic
Backing	Polyester film/Glass filament
Backing Thickness	5.5 mils (0.140mm)
Total Thickness <sup>1</sup>	6.5 mils (0.165 mm)
Color	Clear
Temperature Class	155°C
Dielectric Breakdown <sup>1</sup>	5500V
Breaking Strength <sup>1</sup>	225 lbs/in (394N/10mm)
Elongation <sup>1</sup> (% at break)	6%
Adhesion to Steel <sup>1</sup>	35 oz/in (3.85N/10mm)

**Note:** Typical properties are not recommended for specification purposes. Product specifications will be provided upon request.

Footnote: 1 Test Method ASTM D1000

3M is a trademark of 3M

#### **IMPORTANT NOTICE**

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

**Warranty; Limited Remedy; Limited Liability.** This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**

# **3M**

**Electrical Products Division**

6801 River Place Blvd.  
Austin, TX 78726-9000  
<http://www.3M.com/elpd/oem>

Litho in USA.  
© 3M IPC 2001 78-8125-9947-6-B