

Technical Product Data Sheet

volzElektro 11579



volzElektro 11579 is a polyimide film tape with a special acrylic adhesive. It is designed for insulating coil at high temperatures, as well as for products like generators, capacitors and transformers.

Nominal Values

Backing Polyimide Film

Backing Thickness 0,025 mm

> **Adhesive Type** Acrylic, thermosetting

Total Thickness 0,072 mm

Insulation Class H 180°C (DIN EN 60085, OANZ2 & OANZ8)

> Color Amber (00)

Adhesion to Steel 9,00 N/25 mm

Tensile Strength 147,00 N/25 mm

Elongation at Break 80%

Dielectric Strength 7000 V

Temperature Resistance -29°C to +150°C, -20°C bis +302°C (short-term)

> **UL-File #** E338128

Length 33 m, 66 m, other lengths upon request

6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1000 Width

mm, other widths upon request

Storage Life The material can be stored at room temperature for at least 12 months.

Effective 21 June 2024





DE-79227 Schallstadt



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Applications

- Insulation of coils at high temperatures
- Insulation of generators, capacitors and transformers

Benefits

• Excellent Resistibility Against High Temperatures and Electrification

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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