

Technical Product Data Sheet

Intertape® 51579



Intertape® 51579 is a polyimide film electrical tape with a high tack acrylic adhesive. It offers excellent chemical and thermal resistance, and has strong electrical insulating properties. This tape is used where toughness and Puncture resistance are required.

Nominal Values

Backing Polyimide Film

Backing Thickness 0,025 mm

Adhesive Type Acrylic, thermosetting

Total Thickness 0,056 mm

Insulation Class F 155°C (DIN EN 60085, OANZ2 & OANZ8)

Color Amber (00)

Adhesion to Steel 8,20 N/25 mm

Tensile Strength 132,50 N/25 mm

Elongation at Break 60%

Dielectric Strength 7000 V

Insulation Resistance (mega Ω) | $10^6\Omega$

Electrolytic Corrosion | A1,0

Flammability BU1

UL-File # | E20780

Length 33 m, other lengths upon request

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

widths upon request

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

Effective 02 May 2022



We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.











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Applications

- Bundling and inter-layer insulation in high temperature transformers and large DC mining and traction motors
- Core and interlayer insulation in transformer construction
- End taping of core coils
- Taping of unsupported coils

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 18°C to 24°C, with a relative humidity of 40% to 50%. When using an adhesive tape stored below 18°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

Print Date: 27.07.2025





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