

# Intertape<sup>®</sup> 51579



Intertape<sup>®</sup> 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

<b>Manufacturer</b>	Intertape <sup>®</sup>
<b>Backing</b>	Polyimide Film
<b>Backing Thickness</b>	0,025 mm
<b>Adhesive Type</b>	Acrylic, thermosetting
<b>Total Thickness</b>	0,056 mm
<b>Insulation Class</b>	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	Amber (00)
<b>Adhesion to Steel</b>	8,20 N/25 mm
<b>Tensile Strength</b>	132,50 N/25 mm
<b>Elongation at Break</b>	60%
<b>Breakdown Voltage</b>	7000 V
<b>Insulation Resistance (megaΩ)</b>	10 <sup>6</sup> Ω
<b>Electrolytic Corrosion</b>	A1,0
<b>Flammability</b>	BU1
<b>UL-File #</b>	E20780
<b>Length</b>	33 m, other lengths upon request
<b>Width</b>	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 months.
<b>Effective</b>	02 May 2022

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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.

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