



## Intertape® 51589

Intertape® 51589 is an electrical adhesive tape on a PET Film backing with an acrylic adhesive. The tape provides flexibility, solvent resistance, Puncture resistance, and excellent long-term aging characteristics. Intertape® 51589 is UL-listed.

### Nominal Values

<b>Manufacturer</b>	Intertape®
<b>Backing</b>	PET Film
<b>Backing Thickness</b>	0,025 mm
<b>Adhesive Type</b>	Acrylic
<b>Total Thickness</b>	0,056 mm
<b>Insulation Class</b>	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	Yellow (17), Clear (00)
<b>Adhesion to Steel</b>	9,60 N/25 mm
<b>Tensile Strength</b>	110,00 N/25 mm
<b>Elongation at Break</b>	100%
<b>Breakdown Voltage</b>	5000 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>CSA-File #</b>	LR94980
<b>Length</b>	66 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>	05 December 2019

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### Applications

- Strain relief for supply lines
- Coil wrapping
- Anchoring
- Harnessing
- Holding
- Slot edging in transformers and motors

### Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 19°C to 21°C, with a relative humidity of 50%. When using an adhesive tape stored below 19°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.AQ18:AT19

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