



## Intertape® 51596

Intertape® 51596 is a PET Film/PET-Fleece electrical insulation tape. The combination of PET Film and polyester non woven materials can be used on a wide variety of electrical applications. Intertape® 51596 is a multi-purpose tape for applications which require a combination of tear and Puncture resistance, high tensile strength with elongation, and excellent dielectric strength.

### Nominal Values

<b>Manufacturer</b>	Intertape®
<b>Backing</b>	PET Laminate, PET Film / PET Non-Woven
<b>Backing Thickness</b>	0,089 mm
<b>Adhesive Type</b>	Natural Rubber, thermosetting
<b>Total Thickness</b>	0,114 mm
<b>Insulation Class</b>	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	White (08), Black (04)
<b>Adhesion to Steel</b>	16,50 N/25 mm
<b>Tensile Strength</b>	138,00 N/25 mm
<b>Elongation at Break</b>	30%
<b>Breakdown Voltage</b>	4500 V
<b>Insulation Resistance (megaΩ)</b>	10 <sup>5</sup> Ω
<b>Electrolytic Corrosion</b>	A1,0
<b>Flammability</b>	BU2
<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>	02 May 2022

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### Applications

- High volume coil wrapping
- Ground and barrier insulation
- Outer protective wrap for bobbin application
- Coil end insulation
- Anchoring leads
- Terminal board pad

### 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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