



## Intertape® 51595

Intertape® 51595 consists of a combined backing of PET Film, PET-Fleece and a thermosetting acrylic adhesive compound. In addition to its high adhesive-strength, the product has excellent light and aging resistance. Intertape® 51595 contains no corrosion-promoting components and is UL-listed. The combination of high-quality backing materials achieves a good padding effect and ensures reliable insulation even in areas subject to mechanical and thermal stress.

### Nominal Values

<b>Backing</b>	PET Laminate, PET Film / PET Non-Woven
<b>Backing Thickness</b>	0,089 mm
<b>Adhesive Type</b>	Acrylic, thermosetting
<b>Total Thickness</b>	0,114 mm
<b>Insulation Class</b>	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	White (08), Black (04)
<b>Adhesion to Steel</b>	13,70 N/25 mm
<b>Tensile Strength</b>	131,00 N/25 mm
<b>Elongation at Break</b>	30%
<b>Dielectric Strength</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>	03 July 2020

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### Applications

- High volume coil wrapping
- Ground and barrier insulation
- Outer protective wrap for bobbin applications
- Coil end insulation anchoring leads and terminal boards

### 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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