

## Intertape® 54143



Intertape® 54143 is a PET Film Electrical Tape with a 1.4 mil polyester backing and a thermosetting acrylic adhesive. The tape exhibits high temperature shear resistance when thermoset. The backing provides abrasion and Puncture resistance, and excellent insulating properties.

## Nominal Values

<b>Backing</b>	PET Film
<b>Backing Thickness</b>	0,035 mm
<b>Adhesive Type</b>	Acrylic, thermosetting
<b>Total Thickness</b>	0,076 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>	13,70 N/25 mm
<b>Tensile Strength</b>	166,00 N/25 mm
<b>Elongation at Break</b>	100%
<b>Dielectric Strength</b>	7500 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>	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>	15 January 2020

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## Applications

- Coil wrapping
- Tabbing and anchoring
- Inter-layer insulating
- Film wrap capacitors

## 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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