



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

Manufacturer	Intertape®
Backing	PET Film
Backing Thickness	0,035 mm
Adhesive Type	Acrylic, thermosetting
Total Thickness	0,076 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Yellow (17), Clear (00)
Adhesion to Steel	13,70 N/25 mm
Tensile Strength	166,00 N/25 mm
Elongation at Break	100%
Breakdown Voltage	7500 V
Insulation Resistance (megaΩ)	10 ⁶ Ω
Electrolytic Corrosion	A1,0
Flammability	BU1
UL-File #	E20780
Length	66 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	15 January 2020

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Applications

- Coil wrapping
- Tapping 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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