

Technical Product Data Sheet

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

PFT Film **Backing**

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%

Dielectric Strength 7500 V

Insulation Resistance (megaΩ) $10^6\Omega$

> **Electrolytic Corrosion** A1,0

> > **Flammability** BU1

> > > **UL-File #** E20780

Length 66 m, other lengths upon request

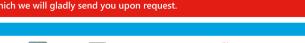
Width 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other

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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We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of



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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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We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the







