

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

| | |
|--------------------------------------|----------------------------------------------------------------------------------------|
| 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% |
| Dielectric Strength | 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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