

Technical Product Data Sheet

Intertape® 51578



Intertape® 51578 is an electrical insulation tape with a combined backing of PET Film, paper fleece and a thermosetting, rubber adhesive compound. It is resistant to light and aging, has high adhesive strength, is impregnant-neutral, free of corrosion-promoting components, and it is UL-listed.

Nominal Values

Backing PET Laminate, PET Film / Paper-Non-Woven

Backing Thickness 0,089 mm

Adhesive Type Natural Rubber, thermosetting

Total Thickness 0,140 mm

Insulation Class B 130°C (DIN EN 60085, OANZ2 & OANZ8)

Color White (08)

Adhesion to Steel 19,00 N/25 mm

Tensile Strength 175,00 N/25 mm

Elongation at Break 2%

Dielectric Strength 4500 V

Insulation Resistance (mega Ω) 10⁴ Ω

Electrolytic Corrosion | A1,0

Flammability BU3

UL-File # | E20780

CSA-File # LR94980

Length 55 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 02 May 2022















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Applications

- Slot edging
- Lead anchoring
- Coil wrapping
- Harness
- Inter-phase/Inter-layer insulation

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









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standard processing guidelines for adhesive tapes, which we will gladly send you upon request.