

Technical Product Data Sheet

Intertape® 51597



Intertape® 51597 is a PET Film / Glass Filament Reinforced Electrical Tape. High tensile strength, conformable backing and aggressive for a large variety of insulating and holding applications. This tape is resistant to chemicals, solvents, and aging and offers a high dielectric strength and insulation resistance.

Nominal Values

Backing PET Laminate, PET Film, Glass Filament

Backing Thickness 0,140 mm

Adhesive Type Acrylic

Total Thickness 0,165 mm

Insulation Class F 155°C (DIN EN 60085, OANZ2 & OANZ8)

Color Clear (00)

Adhesion to Steel 11,00 N/25 mm

Tensile Strength 1095,00 N/25 mm

Elongation at Break | 5%

Dielectric Strength 5000 V

Insulation Resistance (mega Ω) | $10^4\Omega$

Electrolytic Corrosion | A1,0

Flammability BU2

UL-File # | E20780

CSA-File # LR94980

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 02 May 2022



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











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Applications

- Slot edging
- Holding and separating ground insulation
- Bundling motor and transformer coils

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

Print Date: 02.07.2025







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