

### **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 $\Omega$ ) 10<sup>4</sup> $\Omega$ 

**Electrolytic Corrosion** A1,0

**Flammability** BU2

**UL-File #** | E20780

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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















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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.

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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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