

### **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 Film, PET Laminate, 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 (N/25mm) 11,00 N/25 mm

**Tensile Strength** 1095,00 N/25 mm

**Elongation at Break** 5%

**Breakdown Voltage (Veff VDE 0303)** 5000 V

Isolationswiderstand (mega $\Omega$ ) |  $10^4\Omega$ 

**Electrolytic Corrosion** | A1,0

**Flammability** BU2

**UL-File Number** | E20780

**CSA-File Number** 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** 8 July 2020



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.

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