

### **Technical Product Data Sheet**

### Intertape® 51245



Intertape® 51245 is a multi-purpose tape for applications which require a combination of tear and Puncture resistance, high tensile strength with elongation, and excellent dielectric strength. The combination of PET Film and polyester non-woven materials can be used on a wide variety of electrical applications.

#### **Nominal Values**

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

**Backing Thickness** 0,089 mm

**Adhesive Type** Natural Rubber, thermosetting

**Total Thickness** 0,134 mm

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

Color White (08)

Adhesion to Steel 23,25 N/25 mm

**Tensile Strength** 136,00 N/25 mm

**Elongation at Break** 50%

**Dielectric Strength** 5000 V

Insulation Resistance (mega $\Omega$ ) 10<sup>5</sup> $\Omega$ 

Electrolytic Corrosion A1,0

**Flammability** | BU2

**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, 75

mm, 1000 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**

- High volume coil wrapping Applications
- Ground and barrier insulation
- Outer pRotective wrap for bobbin applications
- Coil end insulation anchoring leads
- Terminal board pads

### **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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