

Technical Product Data Sheet

Intertape® 51596



Intertape® 51596 is a PET Film/PET-Fleece electrical insulation tape. The combination of PET Film and polyester non woven materials can be used on a wide variety of electrical applications. Intertape® 51596 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.

Nominal Values

Backing PET Laminate, PET Film / PET Non-Woven

Backing Thickness 0,089 mm

Adhesive Type Natural Rubber, thermosetting

Total Thickness 0,114 mm

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

Color | Black (04), White (08)

Adhesion to Steel (N/25mm) | 16,50 N/25 mm

Tensile Strength 138,00 N/25 mm

Elongation at Break 30%

Breakdown Voltage (Veff VDE 0303) 4500 V

Isolationswiderstand (mega Ω) | $10^5\Omega$

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 20 April 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

- High volume coil wrapping
- Ground and barrier insulation
- Outer pRotective wrap for bobbin application
- Coil end insulation
- Anchoring leads
- · Terminal board pad

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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