

Technical Product Data Sheet

Intertape® 51595



Intertape® 51595 consists of a combined backing of PET Film, PET-Fleece and a thermosetting acrylic adhesive compound. In addition to its high adhesive-strength, the product has excellent light and aging resistance. Intertape® 51595 contains no corrosion-promoting components and is UL-listed. The combination of high-quality backing materials achieves a good padding effect and ensures reliable insulation even in areas subject to mechanical and thermal stress.

Nominal Values

Backing PET Laminate, PET Film / PET Non-Woven

Backing Thickness 0,089 mm

> **Adhesive Type** Acrylic, thermosetting

Total Thickness 0,114 mm

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

> Color White (08), Black (04)

Adhesion to Steel 13,70 N/25 mm

Tensile Strength 131,00 N/25 mm

Elongation at Break 30%

Dielectric Strength 4500 V

Insulation Resistance (megaΩ) 105Ω

> **Electrolytic Corrosion** A1,0

> > **Flammability** BU2

> > > **UL-File #** E20780

CSA-File # LR94980

> Length 66 m, other lengths upon request

6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other Width

widths upon request

Storage Life The material can be stored at room temperature for at least 12 months.

Effective 03 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

- High volume coil wrapping
- Ground and barrier insulation
- Outer pRotective wrap for bobbin applications
- Coil end insulation anchoring leads and terminal boards

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.

Print Date: 03.08.2025





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