



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

Manufacturer	Intertape®
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%
Breakdown Voltage	5000 V
Insulation Resistance (megaΩ)	10 ⁴ Ω
Electrolytic Corrosion	A1,0
Flammability	BU2
UL-File #	E20780
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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