



Intertape® 51599 PV1

Intertape® 51599 PV1 is a PET Film / glass filament reinforced electrical insulation tape. It has a high tensile-strength, a conformable backing with aggressive adhesive, and is applicable for a variety of heavy duty insulating and holding applications. This tape is very resistant to chemicals, solvents and aging, and offers high dielectric strength and insulation resistance.

Nominal Values

Manufacturer	Intertape®
Backing	PET Laminate, PET Film, Glass Filament
Backing Thickness	0,127 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,178 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Beige (24)
Adhesion to Steel	15,00 N/25 mm
Tensile Strength	1500,00 N/25 mm
Elongation at Break	5%
Breakdown Voltage	5000 V
Insulation Resistance (megaΩ)	10 ⁵ Ω
Electrolytic Corrosion	A1,0
Flammability	BU2
UL-File #	E20780
CSA-File #	LR94980
Length	55 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

- Transformers
- Coils and electric motors
- Bundling armature coils

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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