

# 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

<b>Backing</b>	Glass Filament, PET Film, PET Laminate
<b>Backing Thickness</b>	0,127 mm
<b>Adhesive Type</b>	Natural Rubber, thermosetting
<b>Total Thickness</b>	0,178 mm
<b>Insulation Class</b>	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	Beige (24)
<b>Adhesion to Steel (N/25mm)</b>	15,00 N/25 mm
<b>Tensile Strength</b>	1500,00 N/25 mm
<b>Elongation at Break</b>	5%
<b>Breakdown Voltage (Veff VDE 0303)</b>	5000 V
<b>Isolationswiderstand (megaΩ)</b>	10 <sup>5</sup> Ω
<b>Electrolytic Corrosion</b>	A1,0
<b>Flammability</b>	BU2
<b>UL-File Number</b>	E20780
<b>CSA-File Number</b>	LR94980
<b>Length</b>	55 m, other lengths upon request
<b>Width</b>	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 months.
<b>Effective</b>	22. April 2020

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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.

Print Date: 26.04.2024