

Technical Product Data Sheet

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

Backing Glass Filament, PET Film, PET Laminate

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 (N/25mm) | 15,00 N/25 mm

Tensile Strength 1500,00 N/25 mm

Elongation at Break 5%

Breakdown Voltage (Veff VDE 0303) 5000 V

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

Electrolytic Corrosion A1,0

Flammability BU2

UL-File Number | E20780

CSA-File Number 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 22. 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.











DE-79227 Schallstadt



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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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