

volzElektro 11597 PV1



volzElektro 11597 PV1 is a glass-filament reinforced PET Film coated on one side with a high-quality acrylic adhesive system. It is intended for holding applications where a high tensile strength combined with a good thermal and chemical resistance are required.

Nominal Values

Manufacturer	VOLZ®
Backing	PET Film, Glass Filament
Backing Thickness	0,100 mm
Adhesive Type	modified, Acrylic
Total Thickness	0,175 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Clear (00)
Adhesion to Steel	15,00 N/25 mm, (90°)
Tensile Strength	1375,00 N/25 mm
Elongation at Break	5%
Breakdown Voltage	5000 V
Electrolytic Corrosion	1
Rolling Ball Tack	< 10 cm
Temperature Resistance	+180°C, (short-term)
Length	50 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1000 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	10 January 2024

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Applications

- Used for heavy-duty holding, banding, bundling, anchoring and reinforcing functions
- Outer wrapping, tabbing and anchoring leads of electrical transformers, coils, etc.

Benefits

- Good thermal resistance
- Outstanding tensile strength
- High resistance to solvents, oils and chemicals

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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