

volzElektro P31



volzElektro P31 P31 is PET Film coated on one side with thermosetting rubber adhesive. Designed for coil wrapping, interlayer insulation of electrical motors and transformers, anchoring, holding, harnessing etc.

Nominal Values

Backing	PET Film
Backing Thickness	0,023 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,060 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Clear (00), Black (04), Blue (11), Yellow (17), White (08)
Adhesion to Steel	12,50 N/25 mm
Tensile Strength	100,00 N/25 mm
Elongation at Break	80%
Dielectric Strength	4500 V
Electrolytic Corrosion	1
Rolling Ball Tack	< 10 cm
Temperature Resistance	+160°C, (short-term)
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, 1280 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	19 March 2025

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Applications

- Coil wrapping
- Interlayer insulation of electrical motors and transformers
- Capacitors
- Anchoring, holding, harnessing etc.

Benefits

- Good adhesion and initial tack
- High conformability
- Good chemical and solvent resistance when thermoset

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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