

Technical Product Data Sheet

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

Rolling Ball Tack < 10 cm

Temperature Resistance +160°C, (short-term)

> Length 66 m, other lengths upon request

6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1280 Width

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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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











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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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