

Technical Product Data Sheet

volzElektro 41356 PV4



volzElektro 41356 PV4 is a PET film/Nomex® laminate coated on one side with a thermosetting rubber adhesive. Developed for high-temperature electrical applications requiring a thin, puncture-resistant carrier.

Nominal Values

Backing PET Laminate, PET Fim / Nomex®

Backing Thickness 0,090 mm

Adhesive Type Natural Rubber, thermosetting

Total Thickness 0,135 mm

Insulation Class F 155°C (DIN EN 60085, OANZ2 & OANZ8)

Color White (08)

Adhesion to Steel | 13,75 N/25 mm

Tensile Strength 162,50 N/25 mm

Elongation at Break 10%

Dielectric Strength 7000 V

Electrolytic Corrosion | 1

Rolling Ball Tack < 10 cm

Temperature Resistance +160°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, 914

mm, other widths upon request

Storage Life The material can be stored at room temperature for at least 12 months.

Effective 18 November 2025













DE-79227 Schallstadt



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Applications

- Phase insulation of electrical motors, generators, etc.
- Outer wrapping, tabbing and anchoring leads of electrical transformers, coils, etc

Benefits

- Very good thermal resistance and outstanding breakdown voltage
- High initial adhesion
- Good chemical 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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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







