

Technical Product Data Sheet

volzElektro 41356 PV2



volzElektro 41356 PV2 is an electrical adhesive tape coated with a Nomex® composite backing and a light and age resistant, thermosetting acrylic adhesive. Mainly used on electrical parts such as insulating or sheathing coils, capacitors, transformers, electric motors, etc. .

Nominal Values

Backing PET Film, Nomex®, 50μm Nomex® Aramid Paper / 25μm PET Film

Backing Thickness 0,050 mm, 0,025 mm

Adhesive Type Acrylic, thermosetting, flame-retardant

Total Thickness 0,130 mm

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

> Color White (08)

Adhesion to Steel 11.80 N/25 mm

Tensile Strength 118,00 N/25 mm

Elongation at Break 10%

Dielectric Strength 6000 V

Temperature Resistance -29°C to +177°C

> **UL-File #** E338128

Length 50 m, other lengths upon request

6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 880 Width

mm, other widths upon request

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

Effective 05 December 2019







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









DE-79227 Schallstadt



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Applications

- Mainly applied to electrical parts such as: insulating or wrapping coil, capacitors, transformers, and electric motors
- Basic and intermediate insulation of direct current motor coils
- Phaselsolation with three-phase motors
- End and intermediate bandage of transformers and solenoids

Benefits

- Improved Mechanical Property
- High Dielectric Strength
- Good Temperature Resistance
- Shear Resistant Bonds on Copper Paint
- Good Cushioning Effect on Sharp Edges
- Nomex® Carrier is Resistant to Impregnating Resin

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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