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	0,090 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
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 880 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	17 April 2026

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 standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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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
- PhaseIsolation 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.

Print Date: 22.11.2026

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