

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
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	05 December 2019

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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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