

## 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

<b>Backing</b>	50µm Nomex® Aramid Paper / 25µm PET Film, PET Film, Nomex®
<b>Backing Thickness</b>	0,025 mm, 0,050 mm
<b>Adhesive Type</b>	flame-retardant, Acrylic, thermosetting
<b>Total Thickness</b>	0,130 mm
<b>Insulation Class</b>	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	White (08)
<b>Adhesion to Steel (N/25mm)</b>	11,80 N/25 mm
<b>Tensile Strength</b>	118,00 N/25 mm
<b>Elongation at Break</b>	10%
<b>Breakdown Voltage (Veff VDE 0303)</b>	6000 V
<b>Temperature Resistance</b>	-29°C to +177°C
<b>UL-File Number</b>	E338128
<b>Length</b>	50 m, other lengths upon request
<b>Width</b>	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 880 mm, other widths upon request
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 months.
<b>Effective</b>	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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