

# **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

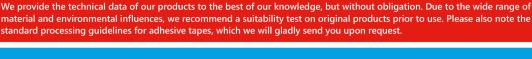
**Width** 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 880

mm, other widths upon request

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

**Effective** 05 December 2019













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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