

## **Technical Product Data Sheet**

### volzElektro 41356 PV3



volzElektro 41356 PV3 is an electrical adhesive tape coated with a Nomex® composite carrier and a light- and ageresistant, thermosetting acrylic adhesive compound. It offers good temperature resistance, high breakdown voltage, shear-resistant bonding to copper lacquer, and good cushioning effect on sharp edges. The Nomex® carrier is resistant to impregnating agents. volzElektro 41356 PV3 is highly suitable for use as a die-cut, stamped part.

### **Nominal Values**

**Backing** PET Film, Nomex®, 50μm Nomex Aramid Paper / 150μm PET Film

**Backing Thickness** 0,050 mm, 0,150 mm

**Adhesive Type** Acrylic, thermosetting, flame-retardant

**Total Thickness** 0,270 mm

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

> Color White (08)

Adhesion to Steel 10,80 N/25 mm

**Tensile Strength** 490,00 N/25 mm

**Elongation at Break** 120%

**Dielectric Strength** > 10000 V

> 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





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We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of











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#### **Applications**

- Ground and inter-layer insulation
- Phase insulation in electrical motors
- Outer and inter-layer insulation in coils and transformers

### **Storage Conditions**

The Rolls should be stored in their packaging protected from light and at a temperature between  $15^{\circ}$ C to  $24^{\circ}$ C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below  $15^{\circ}$ C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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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









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