

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

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

> 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

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

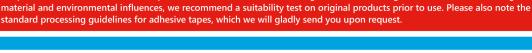
- Ground and inter-layer insulation
- Phase insulation in electrical motors
- Outer and inter-layer insulation in coils and transformers

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15° 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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