

volzElektro 41356 PV3



volzElektro 41356 PV3 is an electrical adhesive tape coated with a Nomex® composite carrier and a light- and age-resistant, 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	50µm Nomex Aramid Paper / 150µm PET Film, PET Film, Nomex®
Backing Thickness	0,050 mm, 0,150 mm
Adhesive Type	flame-retardant, Acrylic, thermosetting
Total Thickness	0,270 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	White (08)
Adhesion to Steel (N/25mm)	10,80 N/25 mm
Tensile Strength	490,00 N/25 mm
Elongation at Break	120%
Breakdown Voltage (Veff VDE 0303)	> 10000 V
UL-File Number	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	5 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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