

volzElektro 11044-08 PV3



volzElektro 11044-08 PV3 is manufactured from a composite carrier (PET Film laminated with PET Fleece) and a high performance, thermosetting acrylic adhesive. This makes the tape extremely adhesive, impregnant-neutral and free of corrosion-promoting components. The combination of high-quality carrier materials achieves a good padding effect and ensures reliable insulation even in areas subject to mechanical and thermal stress. Its Puncture resistance and flexibility makes it applicable in many different insulation applications.

Nominal Values

Backing	PET Laminate, PET Film / PET Non-Woven
Backing Thickness	0,170 mm
Adhesive Type	Acrylic, thermosetting
Total Thickness	0,230 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	White (08)
Adhesion to Steel	19,60 N/25 mm
Tensile Strength	205,80 N/25 mm
Elongation at Break	100%
Dielectric Strength	6000 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, 960 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	11 February 2021

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Applications

- Transformer Construction: core and Inter-layer insulation, masking of winding beginning and ends, tension relief for supply lines
- Electric Motor Construction: masking of self-supporting coils, end tape for small motors with core coil
- Relay and Contactor Construction: fastening of non-adhesive Inter-layer insulation, and end tape to protect the outer winding layer

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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