

volzElektro 11044-04 PV3



volzElektro 11044-04 PV3 has a combined backing of PET Film and PET Fleece, and a thermosetting-acrylic adhesive. The tape is 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 places subject to mechanical and thermal stresses.

Nominal Values

Manufacturer	VOLZ®
Backing	PET Laminate, PET Film / PET Non-Woven
Backing Thickness	0,060 mm
Adhesive Type	Acrylic, thermosetting
Total Thickness	0,110 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Black (04)
Adhesion to Steel	14,70 N/25 mm
Tensile Strength	147,00 N/25 mm
Elongation at Break	64%
Breakdown Voltage	5700 V
UL-File #	E338128
Length	90 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30mm, 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 pProtect 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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