

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

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%
Dielectric Strength	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



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 standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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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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