



## 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

<b>Backing</b>	PET Laminate, PET Film / PET Non-Woven
<b>Backing Thickness</b>	0,170 mm
<b>Adhesive Type</b>	Acrylic, thermosetting
<b>Total Thickness</b>	0,230 mm
<b>Insulation Class</b>	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	White (08)
<b>Adhesion to Steel</b>	19,60 N/25 mm
<b>Tensile Strength</b>	205,80 N/25 mm
<b>Elongation at Break</b>	100%
<b>Dielectric Strength</b>	6000 V
<b>UL-File #</b>	E338128
<b>Length</b>	50 m, other lengths upon request
<b>Width</b>	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 960 mm, other widths upon request
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 months.
<b>Effective</b>	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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