

## 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

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