

## **Technical Product Data Sheet**

## 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





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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.

Print Date: 05.11.2025





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