

## **Technical Product Data Sheet**

### volzElektro 11202 PV3



volzElektro 11202 PV3 is a high quality Teflon® electrical insulation tape manufactured from high-modulus, PTFE film with a silicone adhesive. The 2 mils thick backing grants a high breakdown voltage. It is coupled with an outstanding thermal rating and conformability. For uses in coil, capacitor and wire harness insulation at high temperatures. UL recognized flame retardation.

### **Nominal Values**

**Backing** Teflon® Film, High Modulus PTFE Film

**Backing Thickness** 0,050 mm

> **Adhesive Type** Silicone

**Total Thickness** 0,098 mm

**Insulation Class** H 180°C (DIN EN 60085, OANZ2 & OANZ8)

> Color (Dark translucent brown - 00), Brown

Adhesion to Steel (N/25mm) 8,80 N/25 mm

> **Tensile Strength** 118,00 N/25 mm

**Elongation at Break** 120%

**Breakdown Voltage (Veff VDE 0303)** > 10000 V

> **UL-File Number** E338128

> > Length 33 m, other lengths upon request

6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 510 Width

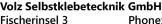
mm, other widths upon request

**Storage Life** The material can be stored at room temperature for at least 12 months.

**Effective** 5 December 2019







DE-79227 Schallstadt



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











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#### **Applications**

- Core insulation
- Between layers insulation
- Closing bandage
- Masking of self supporting coils
- Spiral head and phasing insulation
- Masking for gold contacts, strip conductors and wave soldering

### **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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