

## 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

<b>Backing</b>	folia Teflon®, High Modulus PTFE Film
<b>Backing Thickness</b>	0,050 mm
<b>Adhesive Type</b>	Silicone
<b>Total Thickness</b>	0,098 mm
<b>Insulation Class</b>	H 180°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	Brown, (Dark translucent brown – 00)
<b>Adhesion to Steel</b>	8,80 N/25 mm
<b>Tensile Strength</b>	118,00 N/25 mm
<b>Elongation at Break</b>	120%
<b>Dielectric Strength</b>	10000 V
<b>UL-File #</b>	E338128
<b>Length</b>	33 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, 510 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>	05 December 2019

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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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