

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	folia Teflon®, 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	Brown, (Dark translucent brown – 00)
Adhesion to Steel	8,80 N/25 mm
Tensile Strength	118,00 N/25 mm
Elongation at Break	120%
Dielectric Strength	10000 V
UL-File #	E338128
Length	33 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 510 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	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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