

Technical Product Data Sheet

volzElektro 1018 PV5



volzElektro 1018 PV5 is a polyimide film, coated on one side with a silicone adhesive. The tape is versatile in pRotective and electrical insulation applications in the high temperature range (200°C insulation class N). This is a cheaper variant of the article volzElektro 1018 PV2.

Nominal Values

Backing Polyimide Film

Adhesive Type Silicone, thermosetting

Backing Thickness 0,025 mm

Total Thickness 0,055 mm

Insulation Class N 200°C (DIN EN 60085 & OANZ2), C (OANZ8)

> Color Amber (00)

Adhesion to Steel (N/25mm) 5.60 N/25 mm

> **Tensile Strength** 108,00 N/25 mm

Elongation at Break >40%

Breakdown Voltage (Veff VDE 0303) 5500 V

> **UL-File Number** E338128

> > Length 33 m, other lengths upon request

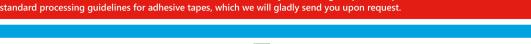
Width 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1000

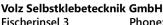
mm, other widths upon request

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

Effective 15 February 2021







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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

- Covering PCB boards and pRotecting headers during wave soldering
- High temperature protection
- Bundling and fixing of components exposed to high temperatures
- Electrical insulation of coils, transformers, wires and cables for applications at insulation class N (200°C)

Benefits

- Good resistance to most alcohols, esters, ketones and oils
- Can be removed in one piece without residue after exposure to high temperatures
- Reinforced cover provides higher resistance to shearing, shearing forces, and abrasion
- Chemically resistant
- Excellent electrical insulating properties
- Flame retardant
- Short-term thermoresistant up to 260°C

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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