

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
Backing Thickness	0,025 mm
Adhesive Type	thermosetting, Silicone
Total Thickness	0,055 mm
Insulation Class	N 200°C
Color	Amber
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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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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