

Technical Product Data Sheet

volzElektro 6018 PV3



volzElektro 6018 PV3 consists of a highly, tear-resistant, glass fabric backing coated with a thermosetting, silicone adhesive. The adhesive tape is flame retardant and is UL 510 listed. It is suitable for use at high continuous temperatures of up to 200°C.

Nominal Values

Glass Cloth **Backing**

Backing Thickness 0,125 mm

> **Adhesive Type** Silicone, thermosetting

Total Thickness 0,190 mm

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

> Color White (08)

Adhesion to Steel 9.80 N/25 mm

Tensile Strength 588,00 N/25 mm

Elongation at Break 9%

Dielectric Strength 4000 V

> **Shear Strength** 1 h

Temperature Resistance -73°C to +260°C

> **UL-File #** 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, 1075 Width

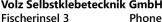
mm, other widths upon request

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

Effective 11 August 2025







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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











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Applications

- High temperature coil insulation wrap
- Harness wrapping
- Splicing
- Motor repair shops
- Bundling and banding heavy gauge magnet wire
- Slot cell edge taping

Benefits

- Tough abrasive resistance
- Excellent mechanical and electrical properties
- Highly conformable
- Corrosion resistant
- UL Listed
- Flame retardant
- High tensile strength

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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