

Technical Product Data Sheet

volzElektro 6018 PV4



volzElektro 6018 PV4 consists of a highly tear-resistant glass fabric backing coated with a thermosetting silicone adhesive. The tape is flame retardant and therefore 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 0,200 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 558,00 N/25 mm

Elongation at Break 9%

Dielectric Strength 4000 V

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







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









Technical Product Data Sheet

volzElektro 6018 PV4



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.

Print Date: 13.11.2025













DE-79227 Schallstadt