

## 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

|                               |   |
|-------------------------------|---|
| <b>Backing</b>                | Glass Cloth   |
| <b>Backing Thickness</b>      | 0,125 mm  |
| <b>Adhesive Type</b>          | Silicone, thermosetting   |
| <b>Total Thickness</b>        | 0,200 mm  |
| <b>Insulation Class</b>       | N 200°C (DIN EN 60085 & OANZ2), C (OANZ8)   |
| <b>Color</b>                  | White (08)  |
| <b>Adhesion to Steel</b>      | 9,80 N/25 mm  |
| <b>Tensile Strength</b>       | 558,00 N/25 mm  |
| <b>Elongation at Break</b>    | 9%  |
| <b>Dielectric Strength</b>    | 4000 V  |
| <b>Temperature Resistance</b> | -73°C to +260°C   |
| <b>UL-File #</b>              | E338128   |
| <b>Length</b>                 | 33 m, other lengths upon request  |
| <b>Width</b>                  | 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1075 mm, other widths upon request |
| <b>Storage Life</b>           | The material can be stored at room temperature for at least 12 months.                          |
| <b>Effective</b>              | 11 August 2025  |

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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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