

## 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

<b>Backing</b>	Glass Cloth
<b>Backing Thickness</b>	0,125 mm
<b>Adhesive Type</b>	Silicone, thermosetting
<b>Total Thickness</b>	0,190 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>	588,00 N/25 mm
<b>Elongation at Break</b>	9%
<b>Dielectric Strength</b>	4000 V
<b>Shear Strength</b>	1 h
<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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