

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

Backing	Glass Cloth
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
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1075 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	11 August 2025

volzElektro 6018 PV3



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: 14.12.2025