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

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 standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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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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