

Technical Product Data Sheet

volzElektro 5017



volzElektro 5017 is a self-amalgamating insulating adhesive tape made of silicone rubber. Suitable for protecting and repairing medium-voltage cable terminations, and as a protective layer against flowing oil and grease for impregnated cable connections. volzElektro 5017 can also be used for a variety of household repairs, e.g. broken pipes, handles, repairing frayed ropes and much more.

Nominal Values

Backing Self- Amalgamating Silicone

Adhesive Type | Silicone Rubber

Total Thickness 0,500 mm

Color Grey (55)

Tensile Strength 5 Mpa

Elongation at Break 350%

Dielectric Strength 16 KV/mm

Temperature Resistance -45°C to 200°C

Length 11 m, other lengths upon request

Width 25 mm, other widths upon request

Storage Life The material can be stored at room temperature for at least 12 months.

Additional Info Volume Resistance: 1×10¹² Ohm.m, Meets A-A 59163 (replacing MIL I-468 52

B), Core diameter: 25mm

Effective 22 April 2024















DE-79227 Schallstadt



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Applications

- Protection and repair of medium-voltage cable terminations
- Protective coating against flowing oil and grease for impregnated cable connections
- Can be used for a wide range of household repairs, e.g. for broken pipes, handles, repairing frayed ropes and much more

Benefits

- Excellent protection against grease and oil
- Very good resistance to electrical sparking and erosion in medium voltage cable terminations
- Forms a thermal reserve insulation in the event of flame exposure
- High resistance to water and moisture
- Can be used at extremely low temperatures

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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