

Technical Product Data Sheet

Intertape® 4618



Intertape® 4618 is a glass cloth electrical tape. It has an inert, high-strength backing and heat resistant silicone adhesive making it suitable for high temperature applications. This tape resists edge fraying and rotting, and is flexible and varnish absorbent. Used in applications where solvent resistance, flame retardance and abrasion resistance is required.

Nominal Values

Backing Glass Cloth

Backing Thickness 0,127 mm

Adhesive Type Silicone, thermosetting

Total Thickness 0,178 mm

Insulation Class N 200°C (DIN EN 60085 & OANZ2), C (OANZ8)

Color White (08)

Adhesion to Steel (N/25mm) | 12,30 N/25 mm

Tensile Strength 810,00 N/25 mm

Elongation at Break 3%

Breakdown Voltage (Veff VDE 0303) 3000 V

Isolationswiderstand (mega Ω) | $10^3\Omega$

Electrolytic Corrosion A1,0

Flammability BU1

UL-File Number E20780

CSA-File Number LR94980

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, other

widths upon request

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

Effective 4 December 2019



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

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 18°C to 24°C, with a relative humidity of 40% to 50%. When using an adhesive tape stored below 18°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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