

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 (megaΩ)	10 ³ Ω
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

Intertape® 4618



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.

Print Date: 29.03.2024