# IPG® (Intertape®) 4618



IPG® (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** | 12,30 N/25 mm |
| **Tensile Strength** | 810,00 N/25 mm |
| **Elongation at Break** | 3% |
| **Dielectric Strength** | 3000 V |
| **Insulation Resistance (megaΩ)** | $10^3\Omega$ |
| **Electrolytic Corrosion** | A1,0 |
| **Flammability** | BU1 |
| **UL-File #** | E20780 |
| **CSA-File #** | 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** | 04 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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