

## **Technical Product Data Sheet**

## Intertape® 4429



Intertape® 4429 polyimide film electrical tape. Extra strength polyimide backing and silicone and adhesive offers outstanding thermal resistance and excellent electrical insulating properties. This tape is used where toughness, Puncture resistance, extreme resistance to heat, and flame retardance are required.

### **Nominal Values**

**Backing** Polyimide Film

**Backing Thickness** 0,051 mm

**Adhesive Type** | Silicone, thermosetting

**Total Thickness** 0,089 mm

**Insulation Class** H 180°C (DIN EN 60085, OANZ2 & OANZ8)

Color Amber (00)

Adhesion to Steel 8,20 N/25 mm

**Tensile Strength** 285,00 N/25 mm

**Elongation at Break** 60%

**Dielectric Strength** 11000 V

Insulation Resistance (mega $\Omega$ ) 10<sup>6</sup> $\Omega$ 

**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** 07 April 2020



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**

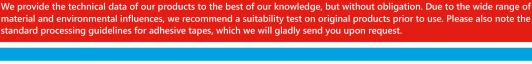
- On gold fingers for protection in wave soldering
- Ground barrier and phase insulation in high performance torroidal coils
- Outer wrap on small bobbin wound coils
- Form wound coils for traction motors

#### **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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