

## **Technical Product Data Sheet**

## volzElektro 1401AC



volzElektro 1401AC is a Teonex® film coated on one side with high-temperature acrylic adhesive. Designed for high temperature electrical applications where a thin, strong backing combined with excellent dielectrical properties are required.

### **Nominal Values**

**Backing** Teonex® Film

**Backing Thickness** 0,050 mm

**Adhesive Type** Acrylic

**Total Thickness** 0,085 mm

**Insulation Class** F 155°C (DIN EN 60085, OANZ2 & OANZ8)

Color | Blue (11)

**Adhesion to Steel** 11,25 N/25 mm

**Tensile Strength** 225,00 N/25 mm

**Elongation at Break** 60%

**Dielectric Strength** 8000 V

Electrolytic Corrosion 1

Rolling Ball Tack < 10 cm

**Temperature Resistance** +220°C, (short term)

**Length** 66 m, other lengths upon request

**Width** 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 75

mm, 1000 mm, other widths upon request

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

**Effective** 20 October 2020















DE-79227 Schallstadt



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### **Applications**

- Insulation of bobbins, pencil coils, transformers, motors, capacitors, etc.
- Cable and copper wire manufacturers

#### **Benefits**

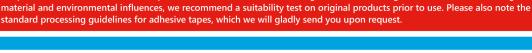
- High Temperature Resistance
- Good Adhesion on Difficult Substrates
- Good Chemical and Solvent Resistance

#### **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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We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of







