

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

Rolling Ball Tack < 10 cm

Temperature Resistance +220°C, (short term)

> Length 66 m, other lengths upon request

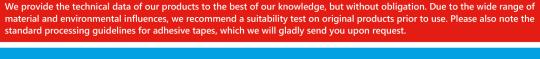
6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 75 Width

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

















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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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