

Technical Product Data Sheet

volzElekto 11203



volzElektro 11203 is a PTFE (polytetrafluoroethylene) film coated with a high-temperature silicone adhesive system. Designed for high temperature insulation, as release wrap on rollers in numerous applications, cure process of composites materials and all applications where a low-friction, anti-stick and non-toxic properties are required.

Nominal Values

PTFF Film **Backing**

Backing Thickness 0,130 mm

> **Adhesive Type** Silicone

Total Thickness 0.190 mm

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

> Color Grey (55)

Adhesion to Steel 8,75 N/25 mm

Tensile Strength 200,00 N/25 mm

Elongation at Break 320%

Dielectric Strength 11500 V

Electrolytic Corrosion 1

> **Rolling Ball Tack** < 10 cm

Temperature Resistance 260°C (short-term)

> Length 33 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 14 September 2021















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Applications

- Used in the manufacture of motors and transformers
- Used in the automotive, aerospace, composite materials and other industries

Benefits

- Oustanding temperature resistance
- Good chemical resistance
- Low-friction and anti-stick surface

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 material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the







