

volzElektro 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

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| Manufacturer | VOLZ® |
| Backing | PTFE Film |
| 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% |
| Breakdown Voltage | 11500 V |
| Electrolytic Corrosion | 1 |
| Rolling Ball Tack | < 10 cm |
| Temperature Resistance | 260°C (short-term) |
| 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, 75 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

- Outstanding 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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