

Technical Product Data Sheet

volzElektro 6213 PV3



volzElektro 6213 PV3 is a 1 mils polyester (PET) film backing with 1 mil specially formulated silicone adhesive. This product was designed to provide low tack and adhesion. It can be easily removed from applied surface without adhesive residue.

Nominal Values

Backing PET Film

Backing Thickness 0,025 mm

Adhesive Type | Silicone

Total Thickness 0,050 mm

Insulation Class B 130°C (DIN EN 60085, OANZ2 & OANZ8)

Color Red (19), Light Blue (72)

Adhesion to Steel 3,20 N/25 mm, 2,90 N/25mm (minimum), 12 oz/in, 11 oz/in (minimum)

Tensile Strength 108,00 N/25 mm, 98,00 N/25 mm (minimum), 24 lb/in, 22 lb/in (minimum)

Elongation at Break 100%, 80% (minimum)

Dielectric Strength 5500 V, 5000 V (minimum)

Temperature Resistance -73°C to +177°C

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, 975

mm, other widths upon request

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

Effective 05 December 2019













DE-79227 Schallstadt



Technical Product Data Sheet

volzElektro 6213 PV3



Applications

- High temperature masking in powder coatings
- PCB pRotective masking during various phases of printed circuit board (PCB) production
- Splicing operations requiring silicone adhesive

Benefits

- Applicable up to 200°C
- High Tack adhesive system offering masking protection
- Removal without adhesive transfer or residue
- Tear and Break resistance
- Resistance to corrosive chemicals

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.

Print Date: 27.11.2025











