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

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 standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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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: 22.11.2026

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