

Technical Product Data Sheet

volzElektro 6212 PV3

volzElektro 6212 PV3 is a 1,44 mils polyester (PET) film backing with highly efficient silicone adhesive. Designed to perform in difficult masking operations such as the masking of surfaces during application of durable powder coatings. PET backing provides flexibility / conformability, solvent resistance and chemical resistance. Can be removed without leaving residue on surfaces. Precision cut for tear resistance and clean, crisp paint lines.

Nominal Values

Backing PET Film

Backing Thickness 0,036 mm

Adhesive Type | Silicone

Total Thickness 0,064 mm

Color Olive-Green (81)

Adhesion to Steel 7,00 N/25 mm, 6,40 N/25mm (minimum), 25 oz/in, 23 oz/in (minimum)

Tensile Strength 157,00 N/25 mm, 137,00 N/25 mm (minimum), 35 lb/in, 31 lb/in (minimum)

Elongation at Break 100%, 80% (minimum)

Dielectric Strength 5500 V, 4500 V (minimum)

Temperature Resistance -73°C to +260°C

Length 66 m, other lengths upon request

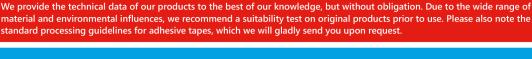
Width 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 970

mm, other widths upon request

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

Effective 30 June 2021















DE-79227 Schallstadt



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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 260°C
- High Tack adhesive system offering masking protection
- Removal without adhesive transfer or residue
- Tear and Break resistance
- · Resistance to corrosive chemicals

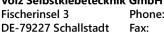
Storage Conditions

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: 01.08.2025







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







