

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

Manufacturer	VOLZ [®]
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)
Breakdown Voltage	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

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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.

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