volzElektro 1018S PV6

volzElektro 1018S PV6 is an electrical tape manufactured from polyimide film with high-temperature, silicone adhesive. It has excellent electrostatic discharge (EDS) properties. The ESD additive reduces the electrostatic discharge that occurs upon tape removal. volzElektro 1018S PV6 can be safely and cleanly removed from printed circuit boards. The proprietary adhesive system provides high, electrostatic dissipation without sacrificing adhesive strength at extreme temperatures. volzElektro 1018S PV6 offers excellent mechanical and electrical properties, an excellent dielectric strength and high conformability.

Nominal Values

Backing	Polyimide Film
Backing Thickness	0,025 mm
Adhesive Type	Silicone
Total Thickness	0,064 mm
Color	Amber (00)
Adhesion to Steel	5,50 N/25 mm
Tensile Strength	132,50 N/25 mm
Elongation at Break	50%
Temperature Resistance	-73°C to +260°C
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, 965 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Additional Info	Removal from PCB, ESD: < 50 V, Removal from Roll, EDS: < 50 V
Effective	16 April 2024

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Applications

- Covering PCB circuit boards
- Gold finger protection in wave soldering
- Applications requiring reduced electrostatic discharge upon tape removal

Benefits

- Safe and clean removal from PCB
- High conformability
- ESD additive reduces the discharge of electrostatic discharge upon tape removal
- High temperature resistance
- Excellent dielectric strength

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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