

volzFlex 1086 PV5



volzFlex 1086 PV5 is a 0.18 mm thick, professional, self-extinguishing, electrically insulating soft PVC adhesive tape in premium quality with an aggressive, pressure-sensitive rubber-based adhesive. The tape complies with REACH and the European Directive 2011/65/EC (RoHS 2) and the Commission Delegated Directive (EU) 2015/863 (RoHS 3).

Nominal Values

Backing	Soft, PVC Film
Adhesive Type	Natural Rubber, pressure-sensitive
Total Thickness	0,180 mm
Color	Black (04)
Adhesion to Steel	5,00 N/25 mm (Stahl), 4,50 N/25 mm (Bandrücken)
Tensile Strength	87,50 N/25 mm
Elongation at Break	300%
Dielectric Strength	45 kV/mm
Temperature Resistance	□18°C to +105°C
Length	20 m, other lengths upon request
Width	15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Additional Info	Self-extinguishing, VDE approval certificates in accordance with IEC 60454-3-1
Effective	07 November 2023

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Applications

- Initial electrical insulation
- Cable harness production
- Protection of low- and medium-voltage cable connections
- Suitable for indoor and outdoor applications

Benefits

- Outstanding resistance to abrasion, corrosion and moisture
- Very good dielectric strength and mechanical resistance
- Uniform unwinding force
- Excellent conformability
- Good sealing properties

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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