

## 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

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