# 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 |

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 standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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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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