

# volzFlex 1086

volzFlex 1086 is self-extinguishing, premium soft PVC tape with an aggressive, pressure-sensitive natural rubber adhesive. It is designed for in the electrical sector, where recognized specifications or international standards are required and where environmental safety is a priority.

## Nominal Values

<b>Backing</b>	Soft PVC Film
<b>Adhesive Type</b>	Natural Rubber
<b>Total Thickness</b>	0,130 mm
<b>Color</b>	Black (04), White (08), Blue (11), Yellow (17), Light Grey (18), Red (19), Green (37), Grey (55)
<b>Adhesion to Steel</b>	4,50 N/25 mm
<b>Tensile Strength</b>	62,50 N/25 mm
<b>Elongation at Break</b>	180%
<b>Dielectric Strength</b>	40 kV/mm
<b>Flammability</b>	selbstverlöschend
<b>Temperature Resistance</b>	0
<b>UL-File #</b>	E338128
<b>Length</b>	10 m, 20 m, 25 m, 33 m, other lengths upon request
<b>Width</b>	12 mm, 15 mm, 19 mm, 25 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>	Core: 32 mm
<b>Effective</b>	15 October 2025

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## Applications

- Initial electrical insulation
- Cable harness manufacturing
- Protection of low- and medium-voltage cable splices
- Color tracking

## Benefits

- Good resistance to abrasion, corrosion, and moisture
- High dielectric strength and good mechanical protection
- Excellent conformability
- May be applied by hand
- Complies with European Directive 2011/65/EC (RoHS 2) and Commission Delegated Regulation (EU) 2015/863 (RoHS 3)
- IMQ and VDE approval certificates according to IEC 60454-3-1
- UL-Listed
- Environmentally friendly technology

## 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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