

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

Backing	Soft PVC Film
Adhesive Type	Natural Rubber
Total Thickness	0,130 mm
Color	Black (04), White (08), Blue (11), Yellow (17), Light Grey (18), Red (19), Green (37), Grey (55)
Adhesion to Steel	4,50 N/25 mm
Tensile Strength	62,50 N/25 mm
Elongation at Break	180%
Dielectric Strength	40 kV/mm
Flammability	selbstverlöschend
Temperature Resistance	-10°C to +90°C
UL-File #	E338128
Length	10 m, 20 m, 25 m, 33 m, other lengths upon request
Width	12 mm, 15 mm, 19 mm, 25 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Additional Info	Core: 32 mm
Effective	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.

Print Date: 25.04.2026