

volzElektro 54354



volzElektro 54354 is a electrical tape manufactured of a combination of a polyesterfilm and a special paper, laminated with a thermosetting rubber adhesive. This combination gives high strength and very good insulating properties. volzElektro 54354 is very good on uneven surfaces. It is resistant against varnish and other chemicals.

Nominal Values

Backing	PET Laminate, PET Film / Paper
Backing Thickness	0,160 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,220 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Beige (24)
Adhesion to Steel	16,25 N/25 mm
Tensile Strength	175,00 N/25 mm
Elongation at Break	20%
Dielectric Strength	8000 V
Insulation Resistance (megaΩ)	5*10 ⁶ Ω
Electrolytic Corrosion	B3,0
Flammability	BU2
Temperature Resistance	+160°C, (short-term)
Length	50 m, Other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1210 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	07 December 2020

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Applications

- Excellent electrical properties and thermal resistance
- Puncture resistance
- Excellent solvents and chemical resistance when thermoset
- Ground and barrier insulation for electrical motors, generators, etc.
- Outer wrapping, tabbing, harnessing and Anchoring leads for electrical transformers, coils, etc.

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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