

## 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

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