volzElektro 50501

volzElektro 50501 is a PET Film coated with a pressure sensitive, thermosetting acrylic adhesive. High dielectric strength, conformable, tough, and thin. This product meets the flame retardant requirements of UL 510. volzElektro 50501 is UL listed.

Nominal Values

Backing	PET Film
Backing Thickness	0,025 mm
Adhesive Type	Acrylic
Total Thickness	0,055 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Yellow (17), Red (19), Blue (11), Black (04), Green (37), White (08), Clear (00), Anthracite Gray (7016), Copper Brown (8004)
Adhesion to Steel	11,00 N/25 mm
Tensile Strength	100,00 N/25 mm
Elongation at Break	80%
Dielectric Strength	5000 V
Insulation Resistance (megaΩ)	$10^6\,\Omega$
Electrolytic Corrosion	A1,0
Flammability	BU1
UL-File #	E338128
Length	66 m, other lengths and spools upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1230 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	15 September 2020

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Applications

- Coil wrapping
- Anchoring
- Harnessing
- Holding
- Insulating tabbing and Inter-layer insulating

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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