

Mica tapes

Filosam® L 326.57-50

- ▶ Good flexibility and conformability
- ▶ High dielectric strength
- ▶ Glass threads reinforcement
- ▶ Polyester film on both sides

		Value	Test norm
Thickness	mm	0.13 ± 0.02	IEC 60371-2
Total weight	g/m ²	177 ± 16	IEC 60371-2
Mica paper	g/m ²	75 ± 5	IEC 60371-2
Resin content	g/m ²	50 ± 8	IEC 60371-2
Polyester film	mm	0.013	IEC 60371-2
Polyester film	mm	0.006	IEC 60371-2
Longitudinal glass	g/m ²	26 ± 3	IEC 60371-2
Thermal class		F (155°C)	IEC 60085
Tensile strength	N/cm	≥100	IEC 60371-2
Breakdown voltage	kV	≥7	IEC 60371-2
Min. shelf life at 20 ± 5°C	Month	12	
Min. shelf life at 5°C	Month	24	

General description

Filosam® L 326.57-50 is based upon a combination of micapaper,unidirectional glass threads and polyester film on both sides of the tape. Filosam® L 326.57-50 has an epoxy resin as binder.

Application

Filosam® L 326.57-50 is most frequently used as end winding (overhang) and turn insulation on machines up to 13.8 kV, where the slot portion ground insulation is Samicatherm®.

Form of delivery

Filosam® L 326.57-50 tapes are usually delivered in widths from 15mm on. Our range of cores satisfies the needs of manual and mechanical processing.

Main characteristics

Filosam® L 326.57-50 has high dielectric properties, combined with good flexibility and conformability, and is capable of continuous operation at 155°C, Class F.

Processing

We recommend to apply Filosam® L 326.57-50 half lapped, by hand or by machine, on the coil overhangs of resin rich high voltage machines where the slot portion main wall insulation is Samicatherm®.

Health and safety

While processing Filosam® L 326.57-50 we recommend to follow all hygiene and safety standards.

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