

mica tapes

Sisaflex P 326.22-09 Preliminary

- ▶ For main wall insulation
- ▶ VPI process.
- ▶ For HV Motors.
- ▶ Suitable for Thermal Class F

		Value	Test norm
Thickness	mm	0.15 ± 0.02	IEC 60371-2
Total weight	g/m ²	211 ± 15	IEC 60371-2
Mica paper	g/m ²	90 ± 10	IEC 60371-2
Glass Fabric	g/m ²	30 ± 2	IEC 60371-2
Polyester film	g/m ²	32 ± 2	IEC 60371-2
Polyester film	g/m ²	17 ± 1	IEC 60371-2
Resin content	g/m ²	42 ± 5	IEC 60371-2
Tensile strength	N/cm	≥ 220	IEC 60371-2
Thermal class		F (155°C)	IEC 60085
Min. shelf life at 20 ± 5°C	Month	24	

General Description

Sisaflex P 326.22-09 is a grade based on muscovite mica paper and backed with woven glass and two polyester films on both sides for VPI and Resin Rich process.

Application

Sisaflex P 326.22-09 is used in continuous insulation of windings for stator coils and bars of medium and high voltage machines - class F.

Main characteristics

The properties of the vacuum pressure impregnated Sisaflex P 326.22-09 tape without accelerator are entirely dependent on the resin and impregnation cycle used even for Resin Rich System.

Processing

In all applications the Sisaflex P 326.22-09 tape should be applied half lap.

The tapes can be applied at ambient temperature without the need for warming either the coil or the tape.

The tapes should be applied smoothly and without wrinkles at a tension of approx. 15-20 N/cm.

Health and safety

Sisaflex P 326.22-09 is non toxic. We recommend however that good hygiene practices, including hand washing and the use of barrier creams is adopted.

Form of delivery

Sisaflex P 326.22-09 is available in widths of 15/20/25mm or 1000mm as well as length from 30 to 100m. The standard core is 55mm inside diameter and foils on a cardboard tube with 130mm inside diameter. Other dimensions on request.

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