mica tapes

Sisaflex S 254.10-12

- For main wall insulation of DC traction motors.
- Endwindings connection.
- For Fire Resistant cables.
- Mica paper with 118 g/m2.

		Value	Test norm
Dimensions			
Thickness	mm	0.17 ± 0.02	IEC 60371-2
Glass fabric	g/m²	23 ± 2	IEC 60371-2
Weight			
Total weight	g/m²	213 ± 20	IEC 60371-2
Mica paper	g/m²	118 ± 9	IEC 60371-2
Resin content	g/m²	72 ± 10	IEC 60371-2
Mechanical properties			
Tensile strength	N/cm	≥80	IEC 60371-2
Thermal properties			
Thermal class		H (180C)	IEC 60085
Shelf life			
Min. shelf life at 20 ± 5°C	Month	24	

General description
Sisaflex S 254.10-12 is a grade based on calcined muscovite mica paper and backed with woven glass for Fire Resistant cables and electrical rotating machines.

Application
Sisaflex S 254.10-12 is used in continuous insulation of windings of DC traction motors, high voltage enwindings connection and fire resistant cables.

Main characteristics
The properties of the Sisaflex S 254.10-12 tape are entirely dependent on the construction of the tape, it means, kind of and binder content.

Processing
In all applications the Sisaflex S 254.10-12 tape should be applied half lap with the woven glass backing to the outside of the coil after application.
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 S 254.10-12 is non toxic. We recommned however that good hygiene practices, including hand washing and the use of barrier creams is adopted.

Form of delivery
Sisaflex S 254.10-12 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.

Liability - The information on this datasheet is to be understood as a guideline and has a general line. It is not binding for VRI and it justifies in no case any liability for VRI. VRI reserves the right to change the information at any time.

FML - Flexible Materials and Liquids

Von Roll Isola - Brazil
Av. Arquimedes, 1021
13211-840 Jundiai SP
Brazil

Tel. +55 11 4589 1701
FAX. +55 11 4589 1730
e-mail comercial@vonrollisola.com.br