

Mica tapes

Sisapor 322.02-12

- ▶ For main wall insulation.
- ▶ VPI Process.
- ▶ Mica Paper with 120 g/m².
- ▶ Without accelerated tape.

| | | Value | Test norm |
|-----------------------------|------------------|-------------|-------------|
| Thickness | mm | 0.12 ± 0.02 | IEC 60371-2 |
| Total weight | g/m ² | 169 ± 16 | IEC 60371-2 |
| Mica paper | g/m ² | 120 ± 10 | IEC 60371-2 |
| Polyester film | g/m ² | 32 ± 2 | IEC 60371-2 |
| Resin content | g/m ² | 17 ± 4 | IEC 60371-2 |
| Stiffness | N/cm | ≤50 | IEC 60371-2 |
| Tensile strength | N/cm | ≥20 | IEC 60371-2 |
| Thermal class | | F (155°C) | IEC 60085 |
| Min. shelf life at 20 ± 5°C | Month | 24 | |

General description

Sisapor 322.02-12 is a grade based on muscovite mica paper, and backed with polyester film for VPI process.

Application

Sisapor 322.02-12 is used in continuous insulation of winding for stator coils and bars of high, medium and low voltage machines for all powers.

Main characteristics

The properties of the vacuum pressure impregnated Sisapor 322.02-12 tape with accelerator are entirely dependent on the resin and impregnation cycle used.

Processing

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

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

Form of delivery

Sisapor 322.02-12 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. Others dimensions upon request.

The product properties set forth in this data sheet are based on the results of testing of typical material produced by the affiliated companies of Von Roll Holding Ltd. (underneath referred as Von Roll). Some variation in product properties is typical. Comments or suggestions relating to any subject other than product properties are offered only to call the end-user's or other person's attention to considerations which may be relevant in the independent determination of the use and/or manner of use of product. Von Roll does not claim or warrant that the use of its product will have the results described in this data sheet or that the information provided is complete, accurate or useful. The user should test the product to determine its properties and its suitability for the intended use. Von Roll expressly disclaims any liability for any damage, harm, injury, cost or expense to any person resulting directly or indirectly from that person's reliance on any information contained in this data sheet. Nothing contained in this data sheet constitutes representation or warranty as to any matter whatsoever. Von Roll makes no warranties whatsoever in this data sheet, expressed or implied, including any implied warranty or fitness for a particular use or purpose. Von Roll shall in no event be liable for incidental, exemplary, punitive or consequential damages.

Health and safety

Sisapor 322.02-12 is no toxic. We recommend to follow all hygiene and safety standards.