

GENERAL

LAMICAFILM 431-09 is a flexible, dry, impregnable Silicone resin bonded, polyimide film backed mica paper tape. Lamica paper used for the tape is manufactured, utilizing calcined muscovite mica. This material has a temperature index higher than 200. The tape is suitable for use with high temperature resins for conductor taping applications.

APPLICATION

LAMICAFILM 431-09 is suitable for conductor insulation of Traction Motor, over hang joints and insulation of induction heating coils in steel mills.

PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values	Test Method
Thickness	mm	0.09 ± 0.02	IEC - 60371-2
Mica Paper	g/m ²	75 ± 5	IEC - 60371-2
Resin Content	g/m ²	14 ± 3	IEC - 60371-2
Polyimide Film	g/m ²	36 ± 3	IEC - 60371-2
Total Weight	g/m ²	125 ± 11	IEC - 60371-2
Tensile Strength	N/cm	≥ 40	IEC - 60371-2
Breakdown Voltage	KV/ Layer	≥ 5	IEC - 60371-2

SUPPLY:

LAMICAFILM 431-09 is supplied in tape form in standard width of 12, 15 and 25 mm. Standard length of the tape roll is 50 mtrs wound on 55mm ID polypropylene spools suitable for hand taping. Tape is also suitable for machine taping for conductor insulation can be supplied on 76 mm ID spool.

STORAGE & HANDLING INSTRUCTIONS:

LAMICAFILM 431-09 must be kept under controlled temperature condition. While taping sufficient care to be taken and winding tension should not exceed 2Kg.

SHELF LIFE

At standard temperature of 23 ± 5°C - 10 months
 At refrigerated storage of 05°C - 18 months.

JOINTS:

The tapes are supplied without joints. However 10% of the rolls may be supplied with one joint.

WORK HYGIENE:

While using LAMICAFILM 431-09 we recommend to follow the necessary Health & Safety Standards.

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LIABILITY: All the above information is based on our own research and experience. We cannot however offer any Guarantee for the information as the manufacturer himself is responsible for any article made with our product. Neither do we accept Liability for any damage which could be caused by the information given hereby

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