

GENERAL

LAMICA 24-120 consists of reconstituted calcined muscovite mica pulp with 5% aramid fibrids. It has uniform appearance, color and surface. It is free from conductive particles, wrinkles, pin holes cracks and voids. It is flat and even surface so the lamination to other backing material is good.

APPLICATION

LAMICA 24-120 paper is used for manufacture insulating materials for motors operating at Thermal Class H and above.

PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values	Test Method
Thickness	mm	0.090 ± 0.015	IEC - 60554-2
Total Weight	g/m ²	120 ± 7	IEC - 60554-2
Porosity	s/100 ml	≤ 3000	ISO 3687
Impregnating Time	Sec	≤ 120	IEC - 60371-2
Composition	%	95% Pulp 21 5% A Fibrids	
Aramid Fibrids	g/m ²	6 ± 1	IEC - 60554-2
Width	mm	1040 ± 5	IEC - 60554-2
Length	Mtrs	300 - 720	IEC - 60554-2
Tensile Strength	N/Cm	≥ 5	IEC - 60371-2

SUPPLY:

Lamica 24-120 should be tightly wound, without folds, on the paper tube of 130 mm ID. Length of the roll varies from 300 to 720 Mtrs depending on the requirement. Approximate maximum weight of the roll will be 85Kgs.

STORAGE & HANDLING INSTRUCTIONS:

LAMICA 24-120 rolls should be covered with polyethylene film to prevent ingress of moisture and dust. The rolls should be held in the centre of the core by providing side plates with wooden plugs such that the rolls do not come in contact with the inside surface of the packing boxes. The box containing mica paper roll should be stored in clean and dry place. Blue silica gel packed in polyester cloth / fleece bag will be placed in each box to prevent the ingress of moisture.

SHELF LIFE

There is no recommended shelf life for this item. However, we advise to use the product within 60 Months.

JOINTS:

Lamica 24-120 produced without joints. However 20% of roll will have lesser length (Minimum 200 Mtrs). Joints if any should be marked with red strips. Wrinkles, hole or cracks should be marked with yellow strips. All such strips should be on right side of the roll and should be clearly visible.

IDENTIFICATION:

Each roll of mica paper should be identified by affixing a sticker containing details such as manufacturing date, roll number, weight, length and gsm.

WORK HYGIENE:

While using LAMICA 24-120 we recommend following the necessary Health & Safety Standards.

Rev. 00 / Issue Date: 11.01.2010

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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