

GENERAL

LAMICAFLEX 411-16 is made of calcined muscovite mica paper, woven glass fabric and a B stage silicone Elastomer resin as a binder to give thermal class H insulation.

APPLICATION

LAMICAFLEX 411-16 being highly flexible can be used for overhang insulation of medium & high voltage coils of motors & Generators. Also applicable in DC machine rotor bars & Traction motor coil insulation.

PROPERTIES AND CHARACTERISTICS:

Characteristic	Unit	Grade	Test Method
		411 - 16	
Thickness	mm	0.16 ± 0.02	IEC - 60371-2
Total Weight	g/m ²	215 ± 20	IEC - 60371-2
Mica Paper	g/m ²	120 ± 8	IEC - 60371-2
Glass Fabric	g/m ²	25 ± 2	IEC - 60371-2
Resin Content	g/m ²	70 ± 10	IEC - 60371-2
Tensile Strength	N/cm	≥ 80	IEC - 60371-2
Breakdown Voltage	KV / layer	2.5 min	IEC - 60371-2

SUPPLY:

LAMICAFLEX 411-16 is supplied in tape form of standard widths of 20mm and 25mm wound on 55mm ID polypropylene spools suitable for hand taping. Tapes can be on 25mm ID spools suitable for machine taping. Standard length of Roll is 50mtrs

STORAGE & HANDLING INSTRUCTIONS:

LAMICAFLEX 411-16 tapes must be kept under refrigerated condition & must be exposed to the ambient temperature (outside the polystyrene packing) for at least 6 hours prior to use. Otherwise water condensation can accumulate on the material resulting in unsatisfactory insulation.

SHELF LIFE

At standard temperature of 23 ± 5°C - 06 months
 At refrigerated storage of 05°C - 12 months.

JOINTS:

Generally the tapes are supplied without joints. However 20% of the rolls may be supplied with one joint.

WORK HYGIENE:

While using LAMICAFLEX 411-16, we recommend in following 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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