

#### GENERAL

LamicaGlass 411 -12 consists of reconstituted calcined muscovite mica paper, woven glass backed and bonded with a fully cured, permanently flexible silicone resin. It is suitable for continuous operation at class H and above.

#### APPLICATION

LamicaGlass 411 -12 is used for overhang winding of HT motors, rotor bar insulation and traction motors coil winding.

#### PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values	Test Method
Thickness	mm	0.12 ± 0.02	IEC - 60371-2
Total Weight	g/m <sup>2</sup>	139 ± 13	IEC - 60371-2
Mica Paper	g/m <sup>2</sup>	75 ± 5	IEC - 60371-2
Glass Fabric	g/m <sup>2</sup>	32 ± 3	IEC - 60371-2
Resin Content	g/m <sup>2</sup>	32 ± 5	IEC - 60371-2
Tensile Strength	N/cm	≥ 80	IEC - 60371-2
Stiffness	N/m	≤ 30	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 1.5	IEC - 60371-2

#### SUPPLY:

LamicaGlass 411 -12 supplied in tape form having standard width of 20 and 25 mm. Standard length of the roll is 50 mtrs wound on 55 mm ID polypropylene spools suitable for hand taping.

#### STORAGE & HANDLING INSTRUCTIONS:

LamicaGlass 411 -12 must be kept under controlled temperature condition. Keep away from dust and moisture.

#### SHELF LIFE

At standard temperature of 23 ± 5°C - 12 months  
 At refrigerated storage of 05°C - 24 months.

#### JOINTS:

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

#### WORK HYGIENE:

While using LamicaGlass 411 -12 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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