

# Glass Mica Tape

Glass Mica Tapes consist of high grade re constituted mica paper with E low alkali fibreglass fabric as a carrier material bonded with specialized silicone varnish to make it a very flexible insulator.

These Tapes are characterized by high flexibility, and high thermal resistance and a uniform thickness. Due to low compression on application of pressure, these tapes leave no void or empty spaces between and among insulating layers.

## Application

Glass Mica Tapes are suitable as interturn and ground insulation for field, armature and turbo generator coils and form the most important part of the insulation system of **rotating machines** and **traction motors**.

Glass Mica Tapes, comprised of Fibre Glass Cloth & Mica – both having extreme high thermal properties find a good application in wrapping coils of **industrial furnaces**.

Glass Mica Tapes are compatible with most commercially available insulating varnishes / resins.

## Availability

Glass Mica slitted tapes are available in widths of 10mm and above in standard 50-meter rolls. These Tapes are supplied in standard 55mm ID plastic bobbins to facilitate hand and machine taping. Plastic spool ID 40mm, 50mm & 75mm are also available upon request. They are also available in 1000mm wide sheets (folium) in running length and in cut to size wrappers.

Deviations in specifications, construction, sizes or packing can be made upon customers' requests.

## Shelf Life

Glass Mica Tapes exhibit a shelf life of 12 months from date of manufacture when stored at 25°C temperature and 50 % relative humidity.

Item	Unit	Glass Mica Tape		
Thickness	mm	0.13	0.15	0.18
Substance	GSM	180	210	240
Mica	GSM	120	150	180
Binder	%	20	20	20
Facing Material		Mica Paper		
Carrier Material		Fibre Glass Cloth		
B D V	Kv / Thk	2.5	3	3.5
Tensile	N/mm (MD)	14	16	18

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