

# Resin Poor Tape

[for silicon based VPI system]

Resin Poor 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, high resin absorption and retention due to the loose weaving of glass cloth. Due to low compression on application of pressure, these tapes leave no void or empty spaces between and among insulating layers.

## Application

Resin poor glass mica tapes are suitable for insulation of AC / DC motor application where coils are impregnated using the vacuum and pressure impregnation method.

These Tapes are supplied catalysed and uncatalyzed, and are compatible with most commercially available silicone VPI impregnating varnishes / resins.

## Availability

Resin poor 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

Resin poor 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	Resin Poor Tape		
Thickness	mm	0.13	0.15	0.18
Substance	GSM	185	215	245
Mica	GSM	120	150	180
Binder	%	<15 %	<15 %	<15 %
Facing Material		Mica Paper		
Carrier Material		Fibre Glass Cloth		
Tear Strength	N	>110	>120	> 150

### Hatim Dielectrics Private Limited

- 📍 17/11 & 17/12 K B Sarani (Mall Road), Dum Dum, Kolkata 700 080 (India)
- ☎ +91 33 4044 5152 / 4044 5252 / 4064 5151
- 🌐 [www.hatimdielectrics.in](http://www.hatimdielectrics.in)    ✉ [info@hatimdielectrics.in](mailto:info@hatimdielectrics.in)



*50 yrs*  
of innovation