

Resin Poor Tape

[for silicon based VPI system]

Resin Poor Mica Tapes consist of high grade re constituted calcined muscovite / phlogopite mica paper consisting of aramid fibres with E low alkali fibreglass fabric or polyimide film as a carrier material bonded with specialized silicone varnish to make it a very flexible insulator.

Application

Resin poor mica (with aramid fibre) tapes have a high dielectric strength and low decrease in mechanical and electrical properties after thermal aging, these are the most suitable for use as insulation of slot portion of armature coils of traction motors.

Availability

Resin poor glass mica (with aramid fibre) 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	0.12	0.10
Substance	GSM	170	120
Mica content	GSM	110	80
Aramid Fibre content	GSM	7	5
Binder content	%	7	10
Binder Type		Silicone	
Carrier material		F G Cloth	Polyimide Film
Tensile Strength	N / cm	50	40

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