

PGMP / GMP Tape

PGMP / GMP Tapes consist of high grade re constituted mica paper with E low alkali fibreglass fabric as a carrier material and laminated with electrical grade polyester film on both or one side to make it a very flexible insulator.

These Tapes are characterized by high flexibility, high dielectric strength 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

PGMP / GMP Tapes are suitable for overhang insulation of HT coils of class F machines. They are also suitable as inter-turn and ground insulation for field, armature and turbo generator coils and form the most important part of insulation system of rotating machines. PGMP / GMP Tapes are compatible with most commercially available insulating varnishes / resins.

Availability

PGMP / GMP tapes are available for F class insulation in 1000mm wide sheets (folium) in running length; in cut to size wrappers or in tapes in widths of 10mm and above in standard 50 mtr 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.

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

Shelf Life

PGMP / GMP Tapes exhibit a shelf life of 12 months from date of manufacture when stored at 25 deg centigrade temperature and 50 % relative humidity.

	Parameter	PGMP Tape		GMP Tape	
Binder		Isophthalic alkyd	Epoxy	Isophthalic alkyd	Epoxy
Thickness	mm	0.15	0.15	0.13	0.13
Substance	GSM	215	215	175	175
Mica	GSM	80	80	80	80
Binder	GSM	20	20	20	20
Facing Material		Polyester Film		Polyester Film	
Carrier Material		Fibre Glass Cloth		Fibre Glass Cloth	
Facing Material		Polyester Film		-	
B D V	Kv / Thk	6.5	5.5	4.5	3.5
Tensile	N/mm (MD)	22	24	20	22

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