

POLYESTER GLASS MICA POLYESTER TAPE (P.G.M.P)**TYPE : CM 36 EGE**

General description : This tape is also known as Polyester glass mica polyester tape (P.G.M.P) itlayer flexible tape consist of muscovite mica paper impregnated with glass cloth as support material and on is four both side laminated with polyester film.

Application : This tape is for end winding insulation for high voltage rotating machine where flexibility and high dielectric strength is required. This tape is suitable for both hand taping and machine taping.

Properties : Tape is free from blow holes, wrinkles and four layers are uniformly impregnated and laminated.

Item	Unit	THICKNESS
		0.14 mm
Width	mm	10 m onwards
Length	m	50 m onwards
Thickness	mm	0.14
Weight of Tape	g/m ²	230 ± 15
Weight of Mica Paper	g/m ²	80
Weight of Polyester film	g/m ²	17 / 17
Weight of Glass Cloth	g/m ²	30 ~ 32
Silicon Binder Content	%	24 ~ 29
Breakdown Voltage	KV/Layer	≥ 7
Tensile Strength	N/cm	≥ 120
Volatile content	%	≤ 0.5
Thermal class	F	

Shelf life :

At temperature of 20± 5 deg C - 6 month

At temperature of 5 deg C - 12 month

Delivery : usually delivered without interleaving in tapes form on standard core of ID 55mm and other ID cores size available on request.

Joints : usually tape is supplied without joints. However, 10% rolls may be supplied with 1 joints.

Health & safety : While processing this tape we recommend to follow all hygiene and safety standards

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