

MICA GLASS TAPE TYPE : CM 25 G 01

CLASS - H

General description : It is made of muscovite mica paper and glass cloth, bonded together with suitable Silicon resin.

Application :

Is used for various traction motor applications. It is used mainly as conductor insulation and to re-inforce the conductor insulation for thermal, mechanical and electrical requirements when making connections to the commutator in traction motors. It is suitable for use in Class H and above

Processing : is fully cured and compatible with all known resin which may be used at temperature of upto 200°C. The tapes are particularly useful for spare coil applications of expected long storage life where exceptional flexibility of the overhang and conductor insulation is required.

Technical data as supplied :

Type : CM 25 G 01		
Nominal thickness	Mm	0.09
Tolerance	Mm	± 0.02
Width	Mm	10, 15, 20, 25, 30 ± 1 mm
Length	m/roll	50
Weight of Tape	g/m ²	100 ± 10
Weight of mica Paper	g/m ²	50 ± 5
Weight of Glass Cloth	g/m ²	24 ± 2
Binder Content	g/m ²	27 ± 5
Tensile Strength	N/cm	≥ 100
Stiffness	N/m	≤ 40
BDV	KV/layer	≥ 1.0
Thermal Class		H
Shelf life at 20 deg C ± 5	month	12
Shelf life at 5 deg C	month	24

Delivery : on standard core of ID 76mm and other ID cores size available on request.

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