



GLASS BANDING TAPE

High strength, Resin Impregnated, Moisture Resistance fibre tapes for Transformers, Armatures and Commutator.

Banding Tapes when cured at specific time and specific temperature forms the rigid rings, which when applied under tension keeps parts of the machine intact.

Application:

- 1) For restraining the Coil Movement on Armature.
- 2) For withstanding the hoop tension, created by centrifugal force.
- 3) For taping of transformer Core Banding.

Sr. No.	Description	Units	Observed Values
1	Thermal Class	Class	H
2	Temperature index	°C	200
3	Thickness	mm	0.30 (approx)
4	Width tolerance	%	± 10
5	No of yarn	per cm.	30 ± 1
6	Weight per 100 mtr of 10 mm width	Kg.	0.56 (approx)
7	Breaking strength B-stage	Kg./cm	≥ 200
8	Breaking strength C-stage (5 hrs, 150°C)	Kg./cm	≥ 250
9	Resin content	%	24 to 30
10	Curing cycle	-	5 hrs at 150°C
11	Arc resistance	sec.	≥ 120
12	Elongation at break	%	1 – 3
13	Modulus of elasticity at room temp.	N/mm ²	60,000
14	Comparative tracking index	No.	600
15	Shelf-Life	-	12 months @ 15°C

