



MICA GLASS FABRIC TAPE

Mica Glass Fabric Tape is made of Muscovite mica paper with fibre glass cloth and bonded with silicone resin.

Application: Used in coil insulation, armature coils of high voltage motors and generators.
(Temp range- 200°C)

Availability: Tape roll, width: 15 to 50 mm, length: 30 to 100 meter.

Sr. No.	Size, Term	Unit	Values	Test Method
1	Thickness	mm	0.12 ± 0.02	IEC 371 -2, section -2 (i)
2	Width	mm	15 ± 5 %	
3	Composition	g/m ²		IEC 371 -2, section -6 (ii)
	Glass Fabric (iii)		32 ± 3	
	Mica Paper		113 ± 8	
	Binder (iv)		12 ± 4	
	Aromatic polyimide Fiber		7 ± 3	IEC 371 -2, section -6.4
4	Mass per unit area	g/m ²	164 ± 10	IEC 371 -2, section -6.2
5	Thread Count (Glass fabric)	cm ⁻¹	±	DIN 53853
	Warp		24 ± 2	
	Weft		11 ± 1	
6	Rupture strength per 1 cm of tape width in machine direction	N	≥ 100	IEC 371 -2, section -7
7	Edge tearing strength	N	≥ 12	IEC 394 -2, section -8
8	Edge tearing strength	N/m	≥ 65	IEC 371 -2, section -10
9	Bending stiffness in (v) machine direction			
10	Layer bonding	N/cm ²		GMN 14338
	Individual values		≥ 0.70	
	Average value		≥ 1.0	
11	Permeability to air Individual values	s/100 ml	≤ 3500	ISO 3687 (ASTM D 726)
12	Storage life from delivery date in original container (vi)	Months		
	At room temperature (≤ 25° C)		12	
	At5° C		24	

