



## MICA-UNI-PGCMP-2 Tape

### DESCRIPTION

MICA-UNI-PGCMP-2 Tape consists of Calcined Muscovite Mica paper reinforced with unidirectional glass strands, sandwiched between polyester film on both sides, bonded altogether using a modified epoxy resin. The material has excellent flexibility with uncompromising tensile strength. This product conforms to class F insulation.

### APPLICATION

It is used to insulate the overhangs of high voltage electrical rotating machines.

### AVAILABILITY

Width - 20 to 1000 mm  
Length - 25 to 100 m

### PACKING

Tapes are packed in airtight mechanically strong boxes protecting them from dirt, dust and moisture. The packing also ensures safe transit and storage.

### SHELF LIFE

12 months at 25° C

### TECHNICAL DATA

Properties	Test Method	Unit	Value
Nominal Thickness	IEC 60371 - 2	mm	0.14 ±0.02
Total Substance	IEC 60371 - 2	g/m <sup>2</sup>	182 ± 21
Mica Paper	IEC 60371 - 2	g/m <sup>2</sup>	75 ± 5
Unidirectional Glass strand content	IEC 60371 - 2	g/m <sup>2</sup>	22 ± 2
Polyester Film	IEC 60371 - 2	g/m <sup>2</sup>	17 ± 2 x 2
Resin Content	IEC 60371 - 2	g/m <sup>2</sup>	51 ± 10
Tensile Strength	IEC 60371 - 2	N/cm	≥ 120
Break Down Voltage	IEC 60243 - 1	Kv	> 7
Volatile Content	IEC 60371 - 2	%	< 0.5