

ELECTRO POWER ENTERPRISE

11,12, B.G.CHAVDA IND. ESTATE-2
B/H-VISHAL ENGINEER, NR-SHRINATHJI ESTATE
NUTAN NAGRIK BANK ROAD, CHANGODAR

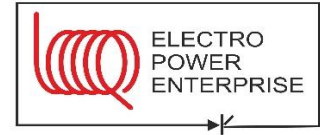
AHMEDABAD, GUJARAT, 382213.

GSTIN: 24ABXPB1420D1Z7

PHONE: 9825022936, 7600343075

EMAIL: epe.rajesh@gmail.com; rajesh9825022936@gmail.com

Website: <https://electropowerenterprise.in/>



TECHNICAL DATSHEET OF FLEXIBLE MICA SHEET

Flexible mica sheet is widely used in different industries for different application of electrical insulation at very high temperature. As far as it's application in induction furnace is to provide slip plane between induction coil and refractory material. it also provide electrical and thermal insulation

This sheet is made of natural Phlogopite mica and woven fiber glass bonded with silicon resin. Because of this it has got

- Flexibility
- Durability
- High Dielectrical strength 10 KV/MM
- Ability to withstand high temperature 1200 C
- Available size 0.4mm thick to 1 mm thick x 1000mm width x 25 mtr length in roll form



Standard Color: Brown
Std. Size: 1000MM x 25Mtr Roll Form

TECHNICAL DATA

NO	PROPERTIES	UNIT	VALUE*
1	Normal Thickness	mm	0.5
2	Mica Content	%	60±5
3	Glass Content	g/mm ²	60±5
4	Bond Content	%	35±2.5
5	Tensile Strength	psi (MPA)	>120
6	Bonding Strength	lbs	2300
7	Dielectric Strength	kv/Layer	>1.4
8	Thermal Conductivity	W/m ⁰ C	0.2-0.25
9	Stiffness	N/m	<90
10	Flame Resistance	Class	V-0
11	Thermal Class	Class	H