

03-97 Epoxy Flexible Plate

Composition

03 - 97 is a flexible mica plate made from mica splittings bonded with flexible Epoxy resin. The plate exhibits excellent flexibility and formability at room temperature. There are different grades available depending on the type of mica used & binder content

Application

For class "F" applications such as mechanical pads, D.C. coil separators, cone insulation, pads of field coils etc.

Product Data

Property	Unit	Value
Thermal classification	°C	155
Thickness range	mm	0.125 - 0.76
Thickness tolerance	mm	As per NEMA FI-1-1996 Grade 6
Binder content	%	7 - 20
Volatile content	%	0.5 max.
Dielectric strength	kV/mm	>12

Different Grades

Code No.	Mica type	Binder Content, %
03 - 97 - 02	5 BF Ruby	13 – 27
03 - 97 - 05	6 1st Ruby / 6 DL Ruby	07 – 12

Available size of sheets

980 mm X 780 mm ± 10 mm - For 03-97-02
 1050 mm X 780 mm ± 10 mm - For 03-97-05
 780 mm X 525 mm ± 10 mm - For 03-97-05