

03-94 Alkyd Flexible Plate

Composition

03 - 94 is a flexible mica plate made from mica splittings bonded with flexible Alkyd resin. The plate exhibits excellent flexibility and formability at room temperature. There are different grades available depending on the type of mica & binder content.

Application

For class "B" applications such as mechanical pads, D.C. coil separators, cone insulation, pads of field coils, under cross cover & lead terminals.

Product Data

Property	Unit	Value
Thermal classification	°C	130°C
Thickness range	mm	0.13 - 0.76
Thickness tolerance	mm	As per NEMA FI-1-1996 Grade 6.
Binder content	%	9 - 18
Dielectric strength	kV/mm	12 min.

Different Grades

Code No.	Mica type	Binder Content, %
03 - 94 - 03	6 1st Green stained	08 - 10
03 - 94 - 05	6 1st Ruby clear	12 - 18
03 - 94 - 06	6 1st Ruby clear	08 - 10
03 - 94 - 09	6 1st Ruby clear	12 - 18
03 - 94 - 10	6 1st Amber	08 - 10

Available size of sheets

780 mm X 780 mm ± 10 mm – Upto 0.25 mm thickness
1050 mm X 780 mm ± 10 mm – Above 0.25 mm thickness
780 mm X 525 mm ± 10 mm – Above 0.25 mm thickness