

25-95 Silicone Heater Plate

Composition

25-95 is a Silicone resin bonded muscovite mica paper heater plate. During initial exposure to heat, there will not be noticeable fuming or odour. During operation, no deleterious matter is released which could interfere with contacts such as thermostats.

Applications

Used in flat heating elements subjected to high thermal stresses. Particularly suitable for cover plates. The application includes spacers, winding cards for toasters and electric heaters, high temperature washers.

Product Data

Property	Unit	Value
Maximum temperature resistance	°C	500
Thickness range	mm	0.15 - 1.57
Thickness tolerance	mm	As per NEMA FI-1-1996, grade 8P
Binder content	%	08 – 10
Dielectric strength	kV / mm	> 18
Water absorption, 24hrs. Immersion at ambient temp.	%	< 01.2

Different Grades

Code No.	Mica paper type	Binder Content, %
25 - 95 - 03	Uncalcined Muscovite	9 – 10
25 - 95 - 04	Uncalcined Muscovite	8 - 10

Available sizes of sheets

1000 mm X 780 mm ± 10 mm

Also available in punched form as per customer's drawings or samples.