

## SILICONE HEATER PLATES

### Product

RDs silicone resin bonded mica splittings heater plate can either be self-supporting or used with a support base. In self-supporting plates the high temperature resistant binder supports the mica under high temperatures with very little or negligible volatility. In non-self-supporting plates, the binder is volatilized (driven-off) during initial heating and the remaining pure mica in built-up form acts as the electrical and / or thermal insulation.

### Application

Mostly used as elements in domestic appliances such as ovens, toasters, irons etc and also in select industrial heaters like strip and band heaters.

### Technical Data

Sheet Size	: 1050 mm X 550 mm
Thickness	: 0.3 mm – 1.5 mm
Maximum Temperature Resistance	: 500 Deg C
Binder Content	: 10% Max.
Dielectric Strength	: >21 Kv/mm

### Finish

The sheets shall be smooth with properly trimmed edges, bond uniformly distributed and free from hard patches through holes and any type of foreign inclusions.

### Shelf-Life

6 months at 20 Deg C from the date of manufacture

### Packing

The sheets are interleaved with polythene sheets and assembled in stacks. The stacks are thereafter wrapped with moisture proof polythene and placed suitably in strong wooden boxes to avoid any damage in transit or during storage.

Manufacturers, Importers & Exporters of Mica, Mica and Mica Paper based Insulating Materials and Other Insulating Materials since 1978.

*Note: 1) Silicone bonded heater plates are also available with a possible choice of mica paper instead of mica splittings. Get in touch with us today to know more!*

*2) Other heat resistant binders such as shellac or PVA can also be used depending upon the application requirements. Send us your request for quote today!*

*Disclaimer: The above is a typical product data sheet for reference purpose only and not intended for specification purpose.*

