

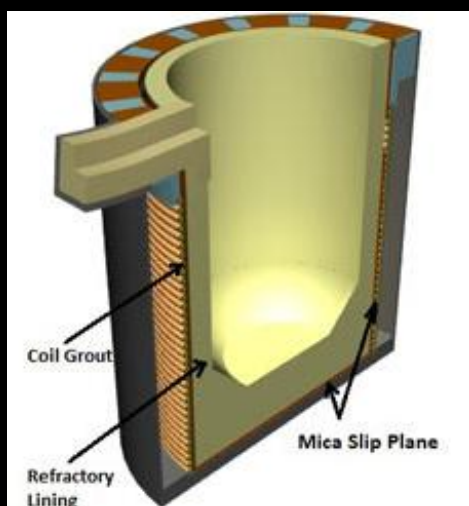
Mica Slip Plane & Rigid Mica



Technoflex Rubber Products (An ISO 9001:2015 certified company) is located in Rubber Park, Airapuram, which has been organized for Design and Manufacturing of all type of Rubber, Polyurethane, Plastics Products and Metal Components.

When we believe innovation is the key component to remain as the market leader, we cannot refrain from introducing wide range and variety of Molded Rubber products and the moulds for manufacturing those components.

We introduce mica based environmental and human friendly insulations with base material as natural mica. These have platen insulation for heated hydraulic presses resulting in Reduced heat transfer to the body of the press increases life of oil seals, reduces thinning of oil & keeps the ram cooler due to very low thermal conductivity more productive heats on the mould is achieved results in reduced curing time.



- *High dielectric Strength & Permeability.*
- *low thermal conductivity & coefficient of friction.*
- *High mechanical & compressive strength.*
- *Heat resistance and have high tensile strength.*

Thickness	0.40 mm - 3.8 mm
Temperature	1000 °C
Thermal conductivity	~ 0.04 - 0.14 W/m ² K
Dielectric Strength	> 12 - 15 KV/mm

Mica slip plane sheet can be adjusted by cutting then placed in the furnace where it is pressed smoothly by hand against the induction coil grout. Adhesive tape use to hold Mica slip plane sheet in place.

Rigid Mica (Sheets or components)

This is a composition of different layers of high quality Muscovite(m) or phlogopite(p) impregnated with silicon binder under specific heat and pressure to form a rigid plate having excellent Mechanical Strength. This is an ideal alternative for asbestos insulations, and specially developed for providing outstanding thermal and electrical insulation for various heating elements.



Features

- *Good properties of electrical and thermal insulation.*
- *Excellent mechanical strength.*
- *High dielectric & compressive strength.*
- *Heat resistance and Durable construction.*
- *Application requiring high voltage resistance at high temperatures.*
- *Insulation in dynamic braking resistors used in locomotive.*

The thermal and electrical application of Rigid Mica sheets with machined and fabricated components of various shape and size. Rigid Mica sheets are available as per the client requirement .



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