



MICA

SW-TEMP Mica is made from min. 90% high-grade Phlogopite mica paper impregnated with a high temperature resistant silicone binder. The material has a flexible texture and elasticity with an outstanding performance as high thermal insulation, able to resist operating temperatures up to 1,000 °C

- **Mica content**
≥ 90 %
- **Bond content (silicone)**
≤ 10 %
- **Density**
1.90 g/cm³
- **Max. Pressure:**
5 bar
- **Heat resistance:**
in continuous service in intermittent service 700 °C 900 °C
- **Weight loss:**
at 800°C (DIN 52911)
- **Compressibility**
(ASTM F36-J) 25 %
- **Elastic recovery:**
(ASTM F36-J) 40 %

Mica Gaskets are used in a broad range of industries: automotive (exhaust manifolds), oil and gas, chemical, petrochemical, medical, fuel cells, Gas Turbines and turbo generators. It can also be used as filler for spiral wound gaskets. We can supply in various thickness ranging from 0.3mm to 6mm thick in 1000mmx 1000mm. Mica sheets can be water jet cut to create various shaped gaskets. On site we have our state-of-the-art water jet cutting machines which can provide you with precision cutting on our abrasive and water only machines. The process has been modified to suit the production of gaskets and now the most intricate designs can be cut accurately with no tooling costs offering a clean safe, smooth edge finish.

All data quoted is based on years of experience in production & operation of sealing solutions. In view of the wide variety of possible installation & operating conditions this cannot draw final conclusion in all application cases regarding the behaviour of the product. The data may not therefore, be used to support any warranty claims. Should you have any doubts about the choice of material, please contact Gee Graphite direct. Tel UK 01924 480011.

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