KANTHAL

FIBROTHAL[®] GSO WORKING TEMPERATURE ~1200°C (2190°F)

TECHNICAL SPECIFICATION

The new Fibrothal[®] GSO is a high power heating module developed for use in really tough conditions but also to increase flexibility in power, voltage, size and installation. A patent is pending for the product.

- The Fibrothal[®] GSO is a vacuum formed heater module with Kanthal[®] strip heating elements.
- The strip heater design will give higher power, rapid ramping and better heat distribution.
- No transformers are needed.
- Quick ramping up and down at low temperatures.
- No support jigs required, the panel is sturdy enough to stand by itself.

MAIN FEATURES

- Unique element support structure to fix the heater in tough conditions which contributes to a vastly improved service life
- High power load up to 100kW/m 2
- High temperature uniformity
- Flexible in design (vertical, horizontal, wall)
- Very slim insulation thickness (min. 45 mm) without losing mechanical strength
 Line voltage applied (50V/100V/200V/280V)
- Line voltage applied (50V/100V/200V/380V)

IMPACT

- Extremely flexible in size, power, voltage
- A lot of value for money
- Uniform temperature in the heating zone give high quality and yield of the heated product and increase capacity
- Easy to mount in furnace
- Improved service life due to unique design of element support





TECHNICAL FEATURES

PRODUCT TYPES

FIBROTHAL® GSO PANEL TYPE

Easy to connect to line voltage. Applicable to any sizes from 100 x 100 mm (3.94 x 3.94 inches) up to 1075 x 650 mm (42.3 x 25.6 inches).



FIBROTHAL[®] GSO CYLINDRICAL TYPE

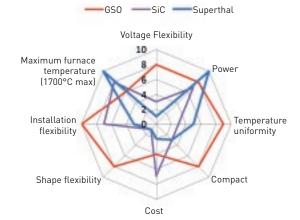
Applicable to any sizes from 150 mm (5.9 inch) ID up to 2000 mm (78.7 inch) ID.



APPLICATION AREAS:

- Continuous furnaces
- Powder sintering (Fe, Ni 1200°C (2190°F))
- Brazing (Cu, Ni 1200°C (2190°F))
- Powder firing (for LiB, Carbon, etc)
- Frequent batch type furnaces
- Hot stamp preheating (Zn, Al steel sheets)
- Gas carburization furnaces
- Small batch furnaces
- R&D use
- Glass annealing (thin glass)

COMPARISON WITH CERAMIC HEATERS



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