

## 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<sup>2</sup>
- 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/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

