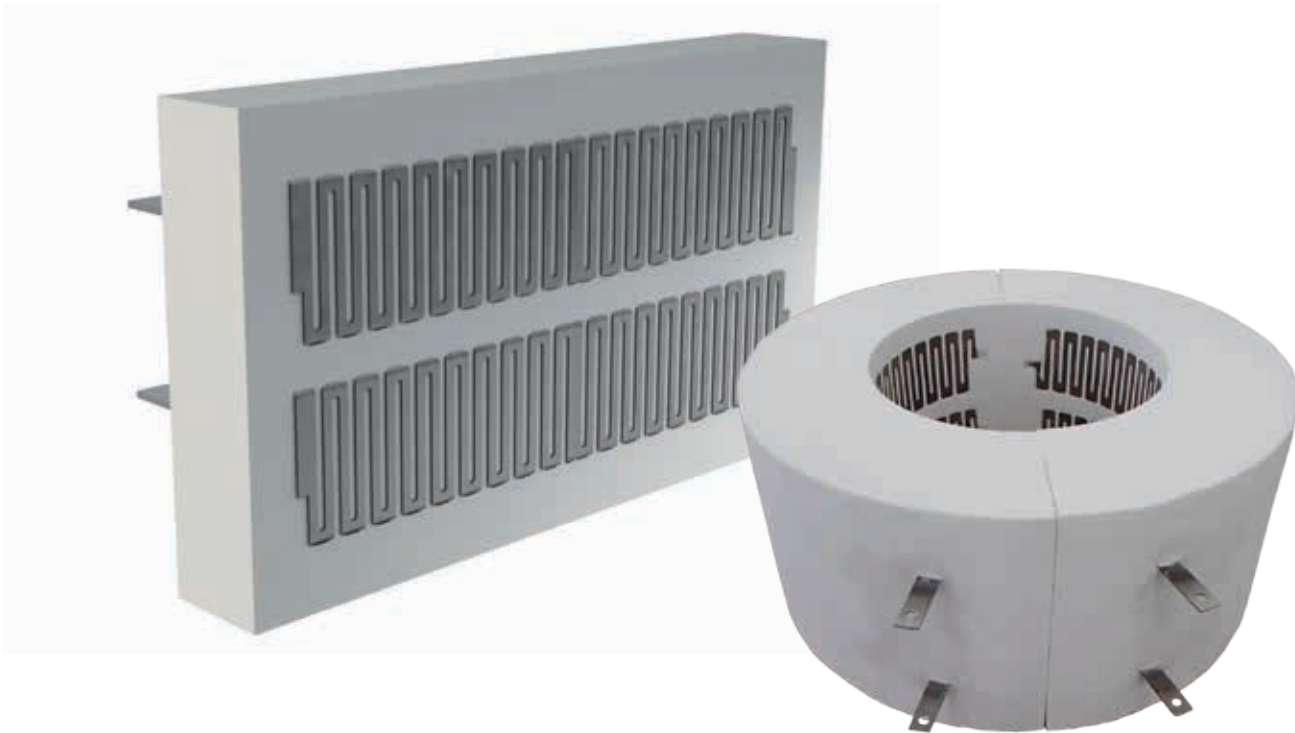


Fibrothal™ GSO

Working temperature ~1200°C (2190°F)



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/m²
- 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

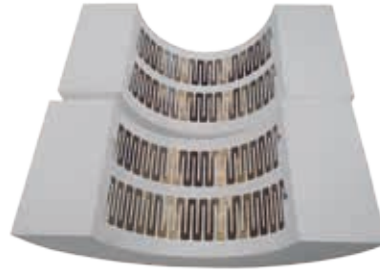
Technical features

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).



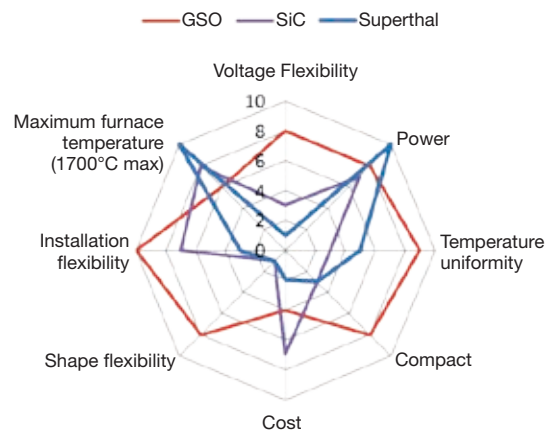
Fibrothal GSO cylindrical type

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



Sandvik Group

The Sandvik Group is a global high technology enterprise with 47,000 employees in 130 countries. Sandvik's operations are concentrated on three core businesses: Sandvik Tooling, Sandvik Mining and Construction and Sandvik Materials Technology – areas in which the group holds leading global positions in selected niches.

Sandvik Materials Technology

Sandvik Materials Technology is a world-leading manufacturer of high value-added products in advanced stainless steels and special alloys, and of medical implants, steel belt-based systems and industrial heating solutions.

Kanthal is a Sandvik owned brand, under which world class heating technology products and solutions are offered. Sandvik and Kanthal are trademarks owned by Sandvik Intellectual Property AB.

Recommendations are for guidance only, and the suitability of a material for a specific application can be confirmed only when we know the actual service conditions. Continuous development may necessitate changes in technical data without notice.

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