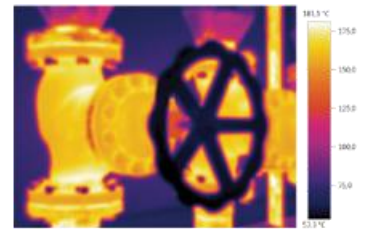


# Datasheet: Thermatron industrial insulation

Key strenghts
Easy to install and remove, Thermatron provides industrial insulation systems with high energy efficiency.
Key benefits
<b>Energy:</b> <ul style="list-style-type: none"> <li>• Improve process control and efficiency</li> <li>• Save energy: Energy Management 50001</li> </ul> <b>Environment:</b> <ul style="list-style-type: none"> <li>• Reduce CO<sub>2</sub> emissions</li> <li>• Promote environmental protection: ISO 14001 : 2004</li> </ul> <b>Safety:</b> <ul style="list-style-type: none"> <li>• Safety and health at work: OHSAS 18001</li> <li>• Reduction of industrial heat exposures: Directive 89/654/EEC 30/11/1989</li> </ul>



## Features:

### Dynamic and flexible:

Because of the use of hook and loop fasteners and velcro, Thermatron insulation is flexible and easy to install and remove. This requires less time to manipulate the insulation, leading to less maintenance costs. Thermatron uses an innovative technology in the field of industrial insulation, making it easy to insulate all kinds of applications. The various types of insulation blankets use the latest in insulation technology, and are suitable for the different temperature ranges.

### Save costs while investing in a higher safety!

An investment in Thermatron insulation is typically paid back within 12 months, as a result of the lower energy consumption. Thermatron insulation also reduces the exhaust of CO<sub>2</sub>, and creates an extra safety against corrosion, as such prolonging the lifespan of your installation. Thermatron insulation also helps improving the work environment for your staff by lowering the temperature in maintenance rooms of heating installations and in confined spaces. This is not only better for your staff, but also for other equipment that is placed close to your heating equipment.

### Materials and the manufacturing process

The materials and coatings used for Thermatron insulation are selected according to the different needs of the industries and applications in which they will be used. As such, Thermatron can guarantee a very effective isolation, adapted to the different work environments. Because of the velcro and rope fasteners, Thermatron insulation is easily reusable. As required in some industries, Thermatron insulation is also washable, because of the use of technical coatings.



## Personalized and customized products

Next to standard products, Thermatron can make specific insulation equipment at the request of the customer. Possible adaptations are a choice between various materials and colors, and personalized identification cards. The identification cards can contain product references, customer contact information, production dates, and many other options such as material references.

## Technical features:

- **E-Glass** fiber glass fabric.
- **Low thermal conductivity** because of the E-Glass insulation blankets, DIN53811, filament diameter 7-13 microns.
- **Para-Amid** sewing threads with stainless steel load (**38% Twaron, 62% Steel: 1.4404**).
- **High temperature**, fire retardant velcros.
- Glass fabric **E-Glass strings** for easy assembly and installation adjustments.
- **Technical coating** for carious temperature ranges and working environments.
- Sound absorbing materials and completely **asbestos free**. According to **REACH** regulations **DIN4102**.

Applications	
Heat insulation Cold insulation Sound insulation	
Temperature ranges	
Basic range:	-50°C to 150°C
Medium range:	-50°C to 250°C
Superior range:	-50°C to 300°C
Extra high range:	-50°C to 550°C
Types of insulation jackets	
2 and 3-way valves T-pipes Short and long elbows Flanges and matting Strainers Y Check valves Condensate purges Centrifugal pumps Expansion joints	Flow meters Pipes Collectors Tanks Steam and oil boilers Hand and man holes Heat exchangers Turbo and exhaust systems Tailor-made manufacturing

