



TecnoTHERM

Flexible Thermal Insulation

Why Insulation
Product
Application





WHY INSULATION



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In heating industrial installations and chemical processes, insulation plays an important role and it is essential to conserve the heat. The right insulation material does a heating system really work efficiently.

TecnoTHERM is a flexible and removable system for protecting

- valves
- flanges
- supports
- pipes
- actuators
- process equipments

TecnoTHERM are produced from selected materials by **TecnoIndustrie**. Each pad is made up of layers of mineral fibres with very high thermal insulation capacity. The exterior is covered by special technical fabrics, able to resist the high temperatures. The technical fabrics used are finished with a protective skin, making **TecnoTHERM** weather resistant and proof against attack from chemical products or UV rays.



PRODUCT



PRODUCT

TecnoTHERM system are designed and tailored to fit the shape of the component to be protected.

The custom-shaped fabric is sent to the assembly department where the seaming of the padding is done by skilled and masterly hands that work on the highest quality machines able to carry out the most complex tasks.

The high expertise and production capacity ensured by our staff, together with the most advanced technology in the sector allow us to work in a safe manner in the field of flexible fireproofing protections.

The next phase of the **TecnoTHERM** work cycle is that of filling and fastening the pads by the final seaming using portable sewing machines. After that, pads go on to the riveting phase using task-specific tools, which is necessary for giving them stability and consistency.

Materials used to produce these jackets are composed mineral fibres (absolutely without asbestos) contained in technical fabrics resistant to high temperatures and aggressive environment, in particular:

External envelope made of GF450 silicon glass fabric
Insulating material high density 100 kg/mc
High temperature glass

Tecnoindustrie has been certified for quality control management according to ISO 9001:2008 for: design, manufacturing and assistance and after sale service for flexible thermal insulation protection.





APPLICATION



APPLICATION FIELDS

Thermal power stations
Gas turbines
Exhaust gas ducts
Cogeneration plants
Diesel exhaust manifolds
Steam turbines
Centrifugal compressors
Petrochemical plants
Extruders

BENEFITS

100% prefabricated in sections
Reduced energy costs due to heat loss
Light weight
Easy disassembly and assembly during maintenance
and for inspection (no tool or training needed)
Competitive price
Limited dimension
High performance with controlled thickness

Tecnoindustrie has a long experience in flexible insulation, and therefore it can offer its customers individual an economical solution, offering high quality and requiring minimum maintenance. Short delivery times, high qualified staff and insulating components packaged in endless variation are valid reasons to contact **Tecnoindustrie**.

OUR CLIENT

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