

EFFICIENT AND SAFE

INSULATION JACKETS

Flexible and removable



INDUSTRIES

Energy

Naval

Chemical &
Pharmaceutical

Oil & Gas

Steel

Cogeneration
& Renewables

Waste
treatment

Ceramic

NEW COMPONENT
textile solutions for heat treatment

WHEREVER THERE ARE HIGH TEMPERATURE TO MANAGE, WE ARE THERE.

Our company is specialized in custom-made solutions, for any problems related to HEAT and TEMPERATURE CHANGES , but also NOISE , COLD and FIRE.

For over **30 years** we have brought our engineering experience from **Cirimido** all the world, facing any **kind of plant problems** and finding innovative solutions:

- **Bench Test** up to **600 °C** of temperature: raw materials and products are tested in extreme conditions
- Technical team for **3D or 2D design**
- Our registered efficiency evaluation method **Efficiency Box®** to check, analyse and satisfy any need
- **Eiif accredited** for the evaluation of energy saving

Any NEW COMPONIT project follows a quality path.

We patented proprietary processes for the **design, testing and installation** of our products: a **further guarantee** that no detail will be forgotten.

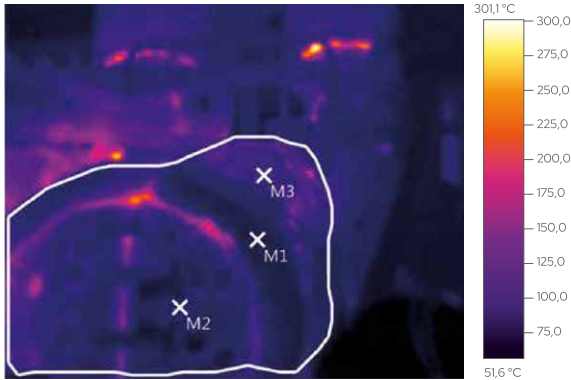
Only New Componit flexible and removable insulations are **designed, produced and installed** with

NOHEAT®

- **Custom-made design** with temperature or noise study, dimensional survey on site or 3D engineering
- Production with **first choice materials** and cutting-edge technologies
- Installation performed by a **team of experts**



SERVICES THERMOGRAPHIC STUDIES



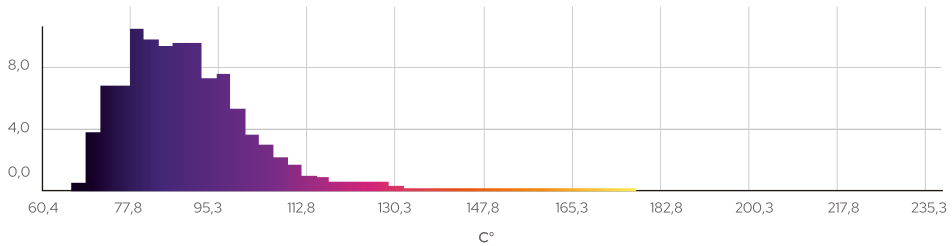
Parameters
EMISSION VALUE: 0,91
REFLECTION TEMP. [C°]: 54,6



Measuring points

OBJECT	TEMP. [C°]	EMISSION	REFLECTED TEMP. [C°]
Point 1	69,9	0,91	54,6
Point 2	80,2	0,91	54,6
Point 3	105,9	0,91	54,6

HISTOGRAM: Minimum: 60,4 C° Maximal: 235,3 C° Average value: 92,9 C°



MAINTENANCE

Insulating pillows need sometimes **to be installed by highly skilled staff** to guarantee their best efficiency.

New Composit has got a **service team** of many dedicated people ready to reach **every part of the world** in few time.



Cost saving and **maximize energy efficiency** are not so often taken into consideration in the industrial plants.

Energy cost is increasing and it's expected **to increase further therefore the gap** between current insulation and a cost effective one is increasing as well.

Additional costs for CO2 emission allowances will accelerate this trend and increase the savings potential.



Insulate bare surface at a cost effective level and **replace damaged insulation** requires an initial investment.

One time investment grants an high potential save that with current price level is big money save every year.

Investment payback time is usually less then one year.



HOW TO ACT?

Insulate uninsulated parts and replace damaged ones will reduce energy consumption by 3%.

Upgrade existing insulation to a more efficient one reduce current heat loss by 60%.



Enersave insulation are **flexible and removable pillows** for valves and flanges. They are preferable to traditional insulation systems thanks to their **easier handling** and lightweight.

Use of **Enersave** pillows, in addition to avoid heat dispersion, helps **prevent injuries** which might occur due to accidental contacts with valves or flanges not insulated.

TECHNICAL FEATURES

- Removable
- Flexible
- Lightweight
- Customizable
- Hard-wearing
- Useful



For years we have also been official members of EiiF (European Industrial Insulation Foundation); our accredited staff has obtained the certification to access the plant, carry out the inspections and draw up insulation studies based on energy saving. We look for custom-made solutions by studying the specific needs of customers; we analyse the annual consumption and losses, we calculate the potential savings according to 3 factors:

- Heat loss [MWh]
- Money loss [€]
- Emissions in atmosphere [tCO₂]

In the end, by means of TIPCHECK calculation tool (EiiF certified), we can simulate different possibilities, to find the most suitable solution, in relation to environmental and safety conditions of the plant.



THERMOPROOF

MAXIMUM THERMAL PROTECTION

Flexible thermal insulation systems, **easy to install and/or remove**, are often required in plants where needs for frequent maintenance dictate their use.

New Composit responds to this kind of requirement with a range of products, **including different kind of insulation blankets**, featuring high performances in terms of heat reduction, noise control, installation and removal convenience for plant maintenance.

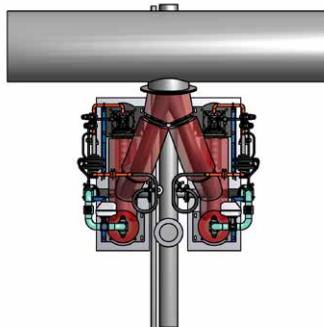
Our pillows are manufactured using high quality materials designed to grant reliable services throughout a long working life, as well are respectful both for human health and the environment.



Heavy duty fan insulation



Boat boiler



THERMOPROOF

MAXIMUM THERMAL PROTECTION

Flexible jackets , **specifically designed** to withstand temperatures of 600°C and above, to be installed indoors or outdoors, in a neutral environment as well as in an acid one.



Insulation for SCR



Hybrid solution



Scrubber

THE THERMOPROOF TYPE IS CERTAINLY THE MOST VERSATILE PRODUCT IN OUR RANGE OF INSULATION JACKETS.



Piping and turbine



Insulation for food plant

THERMOPROOF

MAXIMUM OPERATIONAL VERSATILITY

NEWCOMPONIT, together with its technical staff, can make on site surveys all over the world, studies according to client's drawings of the item to be insulated, **draft design and final 3D drawings**, interfacing advanced computerized automatic cutting systems, delivering absolute dimensional accuracy.

MORE APPLICATIONS

- Compressors
- Cogeneration plants
- Food industry
- Chemical plants
- Pharmaceutical plants



NANOTECH

INSULATION TO THE NTH DEGREE

They are **realized with different nanotechnology materials** depending from the application.

They are used in heat applications but also in cold systems and against fire.

Thanks to their small thickness you can install them everywhere there's no free space...

Materials are bought from the most famous supplier worldwide and **quality is always on top.**



TECHNICAL FEATURES

- High Tech
- Space-saving
- Efficient
- Customizable



TERMO-JACKET

YOUR GUARANTEE
AGAINST COLD

TERMO-JACKET is a textile product complete with a **heating system and external control** designed and proposed by **NEW COMPONENT**.

TERMO-JACKET It is a flexible system **equipped with self-regulating** heating cables that keep the temperature of the insulated part up to 240°C, regardless the external temperature (down to a minimum of -50°C).

It has been optimized to work in parts of a system with particularly low temperatures, **it mainly acts as an antifreeze tool.**

This use is strictly necessary to keep the liquids in their physical state and check their viscosity; we should also add that the flowing of thick liquids such as oils, waxes and chocolate requires their heating in order to ensure the proper conservation.



Our heating jackets are perfect when the traditional trace heating doesn't work or is difficult to install; they are safe, effective and intuitive and they offer a valid alternative to more expensive, complicated and above all not-removable systems.

TERMO-JACKET

has been designed to fulfill the following purposes:

- Antifreezing
- Keeping the temperature
- Heating



Extremely adaptable they can be used in several industrial fields, the main are:

- pumps
- valves
- tanks and basins
- pipes
- generators

The TERMO-JACKET adapt perfectly to any shape of the components to be insulated.

In case of large surfaces they can be assembled and the electrical cables are connected by means of convenient and fast connectors.



PROSOUND-JACKET

YOUR PARTNER
AGAINST NOISE

PROSOUND-JACKET is a **textile product** designed with absorbent materials and special acoustic barriers, able to reduce the noise of industrial equipment.

Our purpose is to reduce directly the noise at its origin, by wrapping the noise source with a flexible jacket.

It is a real alternative to the classic system, which provides a metal structure placed on the floor and surrounded by insulating panels.

Our **PROSOUND-JACKETS** are specially designed to be **easily installed, removed and replaced**, helping maintenance and fixing up of equipments.



SPECIAL FEATURES

From a technical point of view, the added value of *Prosound-Jacket* is that of providing a **double solution in the same product**: acoustic and thermal insulation at the same time, in a **flexible and light jacket**, that can be perfectly adaptable to any shape.

- They can be realized with any shape
- Easy to install
- Quick to uninstall and reinstall during maintenance activities
- Lasting over the time
- Weather resistant

This advantage means:

- **Economic saving**
because you don't have to buy 2 different solutions
- **Further saving**
because you don't have to install the 2 solutions
- **Smaller** installation space required
- **Reduce** setting time



An important noise reduction of the system means:

- **Improvement**
of general health
- **More safety**
- **Environmental protection**

RESEARCH & DEVELOPMENT

We test and analyze each product

We invest in research and development to **guarantee the best solutions ever, today and tomorrow.**

We designed and built a **test** bed where to test our products before delivery. In this way we are sure to achieve the best **reliability** and **safety** conditions.

We can test raw materials and final products, from fabrics to joints, from blankets to pillows. Our test bench can work at **very high temperature**; your products can be tested to the extreme.

We also fit out an **acoustic bench** test to test **performances** of our sonic horns.

CERTIFICATIONS

Ours is a choice of safety and quality

A further guarantee for those who work with us

- **ISO9001:2015**
Quality System
- **ISO14001:2015**
Environmental Management System
- **ISO45001:2018**
Systems for Health and Safety Management of Workers



REFERENCES

Some of our customers

- Airlife
- Boldrocchi
- Fenice
- Franco Tosi
- Fincantieri
- Nuovo Pignone
- GE Energy
- Isab
- Isolfi n
- Navigazione Laghi
- Nespresso
- Nestlè
- Servovalve
- Siemens
- Solar Turbines
- Sorgenia
- Teknowool
- Turboden
- Zambon
- Zaverò
- Wartsila

ENERGY SAVING ENVIRONMENTAL SUSTAINABILITY AND THE FUTURE

We want to improve our climate by promoting sustainable insulation systems with the goal of saving energy and reducing CO₂ emissions.



In industry, we need to use more and better quality insulation.



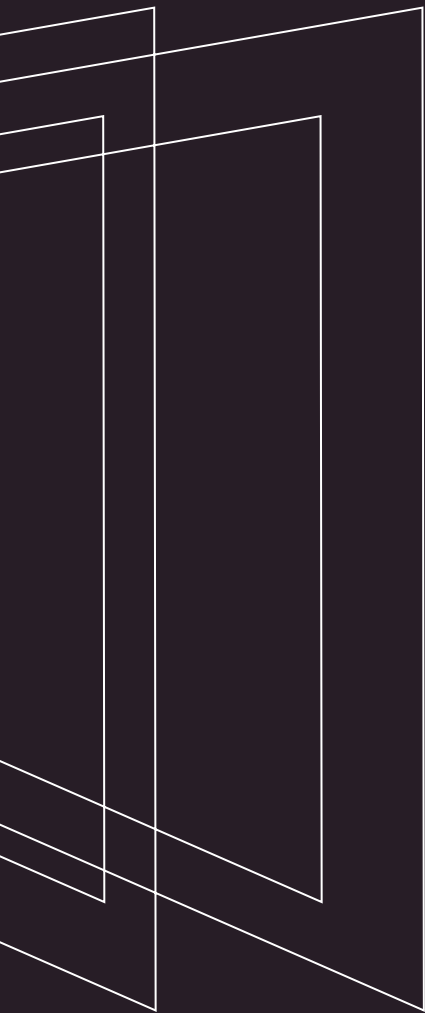
Energy saved in Europe thanks to our "Tipcheck" audits > 4,000,000 MWh



Value of atmospheric emission reduction > 1,000,000 t CO₂ eq.

WE KNOW HOW **TO PROTECT YOU**

insulation jackets



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