



DETACHABLE INSULATIONS, Ltd.



A new concept of Energetic Efficiency



The company

DETACHABLE INSULATIONS , 100% Spanish company created in 1998, deals with the manufacture, assembly, design, supply, repair and maintenance of thermic and acoustic insulations

A strategy based on the **Innovation and the R&D**, as well as a clear customer orientation. All this upheld by a **highly qualified human team** (the **main active element** of the company)

The company has modern installations in the **Technological Park of Fuente Álamo (Murcia)** and **top-level equipment**. Besides, the enterprise incorporates **state-of-the-art materials** to the confection of our insulations



DETACHABLE INSULATIONS starts its **international expansion** in the **American continent** from its **base in Panama**



The Concept

The industrial sector consumes about a **26% of the energy produced in the world, generating a 50% of the CO2 emissions**. The implementation of **insulating sustainable systems** influences drastically by **reducing** these values and contributing a great **energetic efficiency** and, therefore, **energetic saving** (in the short and long term)

The insulations have a **wide range of applications** (energetic, industrial, naval sector and so on). Besides, nowadays there are **high technology materials** that offer very **low thermic conductivities** and **excellent technical characteristics**, allowing to fulfil the specifications of the client with very **small thicknesses**

The **detachable insulations** mean an **important innovation that implies a great economic saving**, since they allow their **reutilization in the very long term**. Since their conception, they are conceived so that the **dismantling tasks are very easy**, what is favourable for the realization of maintenance and operation actions, as well as the replacement of accessories

Energetic Sector

◉ Thermo solar plants:

- ▶ Heat insulation of tanks, rotary joints, sections of straight pipe, flexible sections
- ▶ Soundproofing and heat insulation of pumps, turbines and exhaust manifolds

◉ Cogeneration and waste recycling plants (biofuels):

- ▶ Heat insulation of exhaust manifolds and connection lines, heat insulation of tanks
- ▶ Personal protective equipment

◉ Power units:

- ▶ Heat insulation of exhaust and personal protection



Industrial Sector

○ General industry :

- ▶ Thermic insulation for pipes, tanks, boilers, turbines, storage tanks, detachable insulation to inspection during service and maintenance tasks, encapsulated insulation
- ▶ Industrial refrigeration: cold stores and holding, freezing and controlled atmosphere rooms



Main benefits:

- ✓ Energetic efficiency and saving
- ✓ Processes quality improvement
- ✓ Fire protection (inflammable/ dangerous products)
- ✓ Work personal security

Naval Sector

○ Ships and submarines:

- ▶ Heat insulation and protection of the staff in the engine room and cold stores
- ▶ Soundproofing and fire protection of divisions, compartments, floors, ceilings, doors and air conditioning conduits



Complementary Services

○ Insulation calculation:

- ▶ Realization of studies for the optimization of insulation thicknesses by means of our own technology developed by the R&D department

○ Custom-made design and manufacturing:

- ▶ Use of CAD/CAM tools for materials cut in order to obtain the greatest precision

○ On-site assembly:

- ▶ Our own staff specialized in complex installations



Product

DETACHABLE INSULATIONS maintains a **constant activity in R&D**, incorporating continually new materials developed by industry, which are **proved exhaustively in laboratories** in order to develop products more and more efficient



The company has the certifications

ISO 18001, 14001 y 9001



The products of **DETACHABLE INSULATIONS** use **state-of-the-art materials**. Some of these manufacturers are:



Main References

DETACHABLE INSULATIONS has a wide support of industry, accompanying important companies in Spanish and international projects



ABENGOA



PROTISA
Proyectos Técnicos Industriales S.A.

senior
Flexonics

ASTONDOA



BILFINGER BERGER



Montero®
Sealing and Insulation Technology



POLICARPO BRIONES, S.L.

Navantia



BALEARIA

aislamientos
SUAVAL

INABENSA



Thermo Solar Plants

DETACHABLE INSULATIONS has been present in the majority of the thermo solar plants developed in Spain, participating in international projects

- ✓ EUREKA 5 Plant
- ✓ 50MW ANDASOL 1 Plant
- ✓ 50MW ANDASOL 2 Plant
- ✓ Pilot Plant of ALMERIA SOLAR PLATFORM
- ✓ 50MW EXTRESOL 1 Plant
- ✓ 50MW EXTRESOL 2 Plant
- ✓ BALL JOINT FOR SOLNOVA 1
- ✓ SOLNOVA 3
- ✓ SOLNOVA 4
- ✓ AT HASSI-R, MELL
- ✓ AT AIN BENI MATHAR
- ✓ 50MW SAMCA1 Plant
- ✓ 50MW SAMCA2 Plant
- ✓ 50MW TRAMOS MANCHASOL 1 Plant
- ✓ 50MW TRAMOS MANCHASOL 2 Plant
- ✓ 50MW AXTEXOL 2 Plant
- ✓ 50MW SOLACOR 1 Plant
- ✓ 50MW SOLACOR 2 Plant
- ✓ 50MW SOLABEN 2 Plant
- ✓ 50MW SOLABEN 3 Plant
- ✓ 50MW HELIOS 1 Plant
- ✓ 50MW HELIOS 2 Plant
- ✓ UTE Abener Teyma Emirates | Proyecto Shams-1



Corporate Social Responsibility

DETACHABLE INSULATIONS assumes its commitment with the environment **protection**, stimulating the **energetic efficiency as fundamental tool** for a correct use of resources. The reduction of energy consumption, **without affecting our comfort and quality of life**, protects the environment, assures the supplying and favours a sustainable behaviour in the energy use



Saving



Security

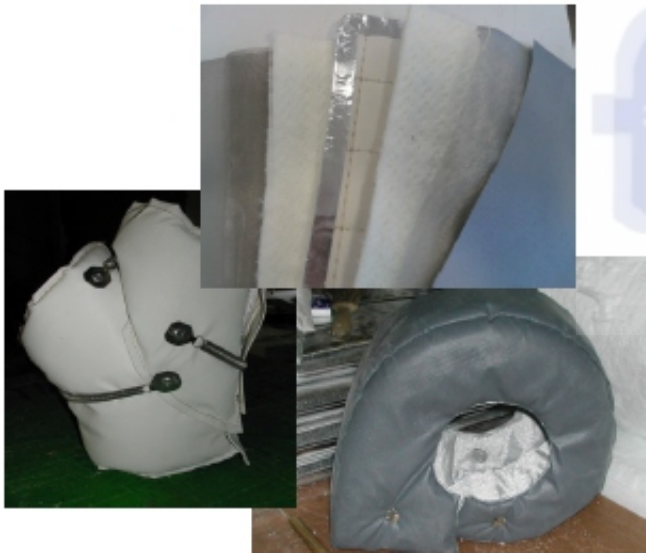


Sustainability

Contact

Innovation is to find new or improved uses to the resources already available.

Peter F. Drucker



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