

ZFoam | INDUSTRY

ZFoam 25 YEARS

More than **25 years** exporting to over 25 countries in Europe and America.

We provide **tailored solutions** for our customers' needs with the right **technical support.**

We have equipment to cover all the specialised conversion processes of **plastic foams** and low and high temperature **insulations.**

The semi-conversion and final conversion processes are vertically integrated, so we can offer a **complete service from the raw material to the end product,** including the choice of the most suitable materials and design process.

FINAL CONVERSION PROCESSES AVAILABLE:

- Cutting systems by water jet in 2D and 3D.
- ✓ Other CNC cutting systems and die-cutting.
- 2D and 3D routing.
- ✓ Sandwich lamination of different substrates.
- ✓ Thermoforming.
- ✓ Adhesive coating.
- Digital printing.

Advantages:

- Fast reaction capacity and **flexibility**.
- In-depth knowledge of the product and technical solutions.
- Own technology and technical development.
- ✓ We have the latest transformation technologies available on the market.



ZFoam is the company in the sector with the **highest CNC cutting capacity** in Southern Europe.



MATERIALS

AZOTE FOAMS

PLASTAZOTE® EVAZOTE® SUPAZOTE®

High purity crosslinked polyolefin foams, manufactured using a unique process of high pressure nitrogen injection.

- Does not contain chemical foaming residues or CFC, HCFC or VOC (volatile organic compounds).
- Special grades with flame retardant additives (FR and FM) and antistatic and conductive products (SD and CN).

PLASTAZOTE®

LDPE / HDPE / Metallocene-based foams.

EVAZOTE[®]

EVA copolymer based foams with greater flexibility and resistance than $\mbox{PLASTAZOTE}^{\circledR}.$

ZOTEK FOAMS

ZOTEK[®] N ZOTEK[®] F ZOTEK[®] PEBA

Polyamide, PVDF and Pebax® based foams, manufactured by pressure nitrogen injection Azote process.

Thermoforming Resistance to hydrocarbons LOW Hardness Zotek N Plastazote HD Plastazote LD

PE FOAMS

Chemically expanded crosslinked polyolefin foams.

Density from 25 to 250 Kg/m³. LDPE / HDPE / EVA based variants.



PTPK FOAMS

Crosslinked polyolefin foams with semi-closed cell structure that becomes closed under compression.

Replacement for **PVC foams** in air and water sealing applications



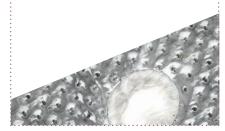
PU FOAMS

- ✓ Ether and ester based polyurethane foams.
- ✓ PPI filter foams for air and water.
- ✓ PETA agglomerated foam.



INSULATIONS

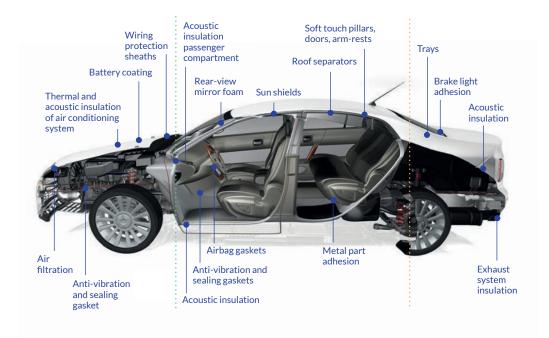
- ✓ Fibre glass and rockwool.
- ✓ Insulating cellulose panels.
- ✓ Expanded closed and open cell rubber. Polymeric heavy masses.
- ✓ Intumescent materials.
- ✓ High temperature insulation materials
- ✓ up to 1000°C.



AUTOMOTIVE

Products with very low levels of VOC (volatile organic compounds), fogging and smells, able to satisfy regulation VDA 277-278 and JAMA.

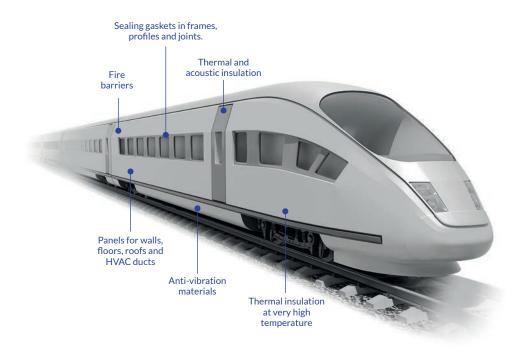
ENGINE COMPARTMENT PASSENGER COMPARTMENT BOOT



- ✓ **Light and resistant materials** that save weight compared with solid plastic.
- ✓ High thermal and acoustic insulation, and vibration absorption, capacity.
- Materials suitable for air and water sealing and tightness applications.
- ✓ Soft touch on door panels and arm rests by means of substrate laminations on foam.
- ✓ Logistics: foam inserts for returnable containers.

RAILWAY

Products able to satisfy the fire performance regulation EN-45545 (HL1 \mid HL2 \mid HL3).



- Technical foams and insulations able to replace plastic and metal materials, favouring weight reduction.
- ✓ Water-resistant materials with very low thermal conductivity coefficient.
- Materials with excellent noise and vibration absorption capacities.
- ✓ Insulation for high temperatures (up to 1000 °C)
- Complete cycle that covers the selection of materials, design, cutting and supply of parts by way of kits.

HOME APPLIANCES

Products with high acoustic, thermal insulation and vibration absorption capacity.



- Light and resistant materials that help reduce the weight of domestic appliances.
- Suitable for air and water sealing applications.
- ✓ Comply with regulations UL94, FDA, European "Food Contact" regulation, etc.
- ✓ Zotek® foams with improved temperature resistance up to 170°C.
- ✓ Foams pieces for returnable container inserts or liners.

OTHER SECTORS



✓ AERONAUTICAL

Insulating materials for air conditioning systems and thermal linings that comply with regulation FAR | CS 25.853a.



✓ NAVAL

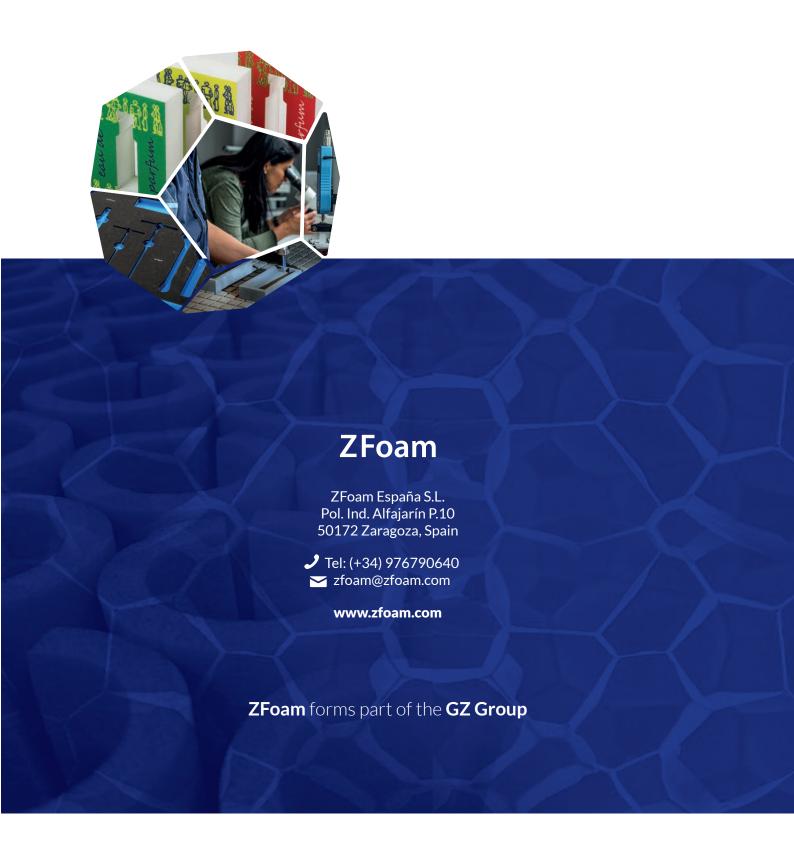
Flotation devices for sea buoys, fenders, floating hoses and anti-pollution barriers.

Thermal and acoustic insulators inside of vessels.



✓ LOGISTIC

Inserts for returnable logistic containers.





Commitment to innovation and quality

Continuous improvement philosophy for products and processes based on ISO 9001 certification, and on Lean and 5S tools.

Commitment to customers

Provide the best solutions by means of innovative competitive, high quality and environmentally respectful products.