

Plastic Foams & Textile Products Converter

*A Universe of **FOAM**Solutions
(constructive & non-constructive parts)*

www.modisprem.com/en/



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1 > BRIEF HISTORY OF THE COMPANY

- MODISPREM was **founded in 1974**, focusing its activity on the transformation of **polyurethane foams**.
- In the 80's, we entered the **automotive industry**, which was rapidly expanding in Spain.
- In the 90's, MODISPREM opened up to the **packaging and acoustics** sectors.
- In the early 2000s, we were already **supplying most of the OEM's** in the automotive sector **(as Tier 1 or Tier 2)**.
- In 2000, MODISPREM took up the challenge of developing and offering a technology not available at that time in Spain: the **thermoforming**, a new way of manufacturing **polyethylene parts**.
- Today, MODISPREM is equipped with **leading-edge technology**, ready to help your company with everything related to **machined and thermoformed, constructive and non-constructive parts** (e.g. packaging solutions), **in a wide range of foam materials**.

2 > THE FACTORY

PRODUCTION PLANT 2
Thermoforming

WAREHOUSE
Raw materials, semi-finished and
finished parts

Waste management
Maintenance workshop

LOGISTICS

SOLAR PANELS
on the roof of the two factories

OFFICES
Management, Engineering, HR,
Sales, Purchasing, Quality (Dept. & Lab.)

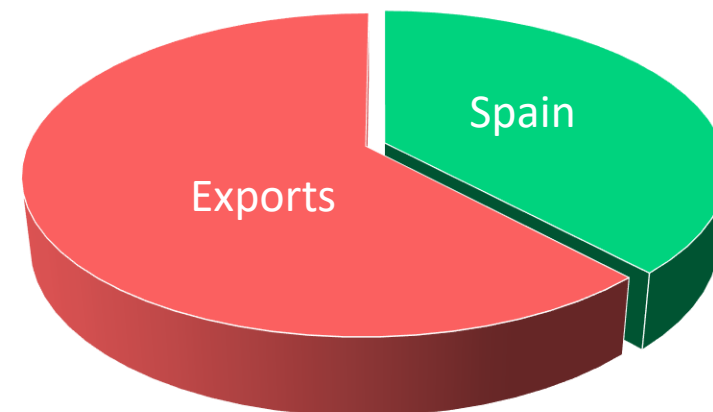
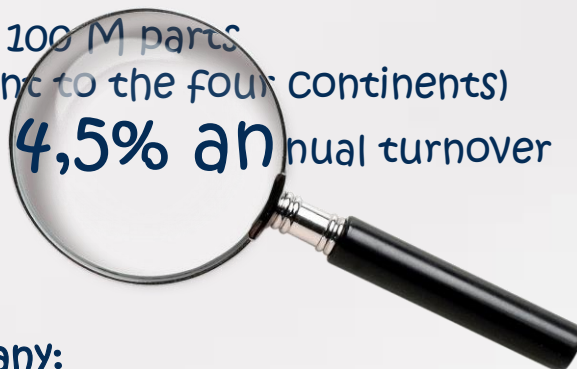
PRODUCTION PLANT 1
Splitting, kiss-cutting, punching,
laminating, water jet cutting,
CNC milling



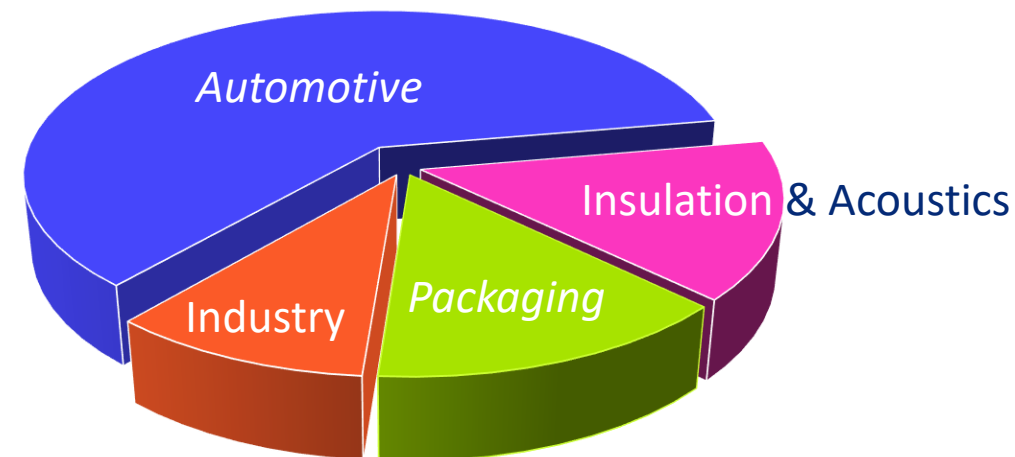


3 > MODISPREM FIGURES

- ✓ **Location:** Zuera (Saragossa), SPAIN
(100 Km. away from France)
- ✓ **Workforce:** > 130 workers
- ✓ **Turnover:** 16.5 M€.
- ✓ **Annual production:** > 100 M parts
(sent to the four continents)
- ✓ **Facilities:** 25.000 m²
- ✓ **R+D Investment :**
- ✓ **Ownership of the company:**
100% Fañanás family (second generation
of the family, after the founder).



National sales vs exports



Turnover by industrial sector



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4 > WE ARE MATERIAL EXPERTS



Polyethylene PE

Polyethylene PE non-crosslinked

Polyurethane PUR

Impregnated PUR

Polystyrene EPS

Extruded Polystyrene XPS

Melamine foam

EPDM & Nitto Rubber

EVA Rubber

Silicones

Non wovens

PVC Foam

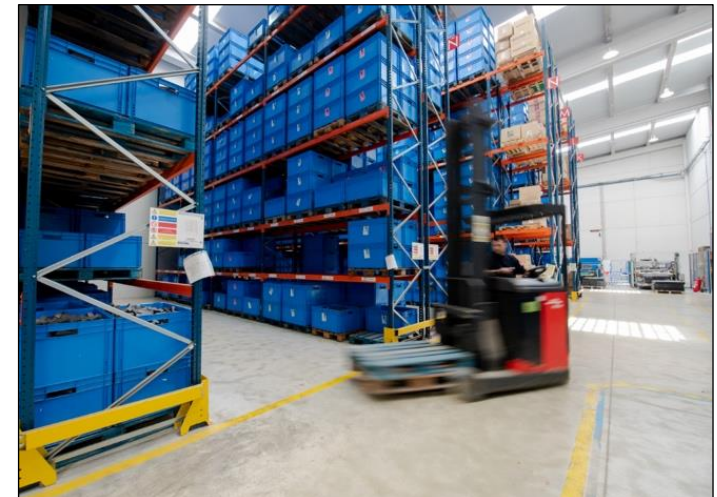
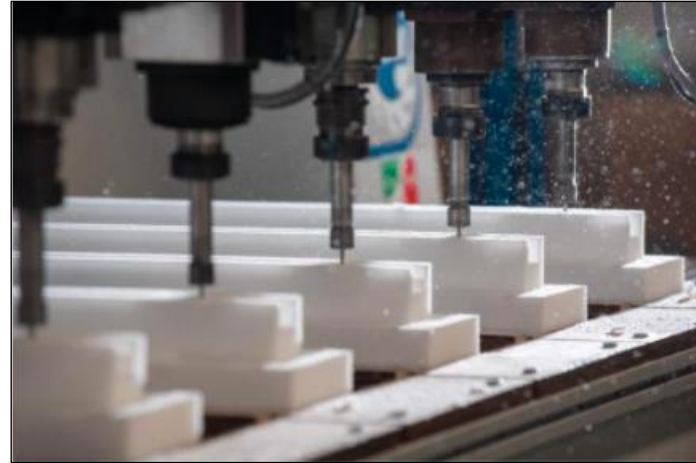
... and if your company needs a REALLY special material... with REALLY special properties...

... MODISPREM will develop it for you !!

5 > TECHNOLOGIES (1/3)

Production Plant 1 (clockwise):

1. *CNC milling*
2. *Water jet cutting*
3. *Warehouse*
4. *CNC laminating*

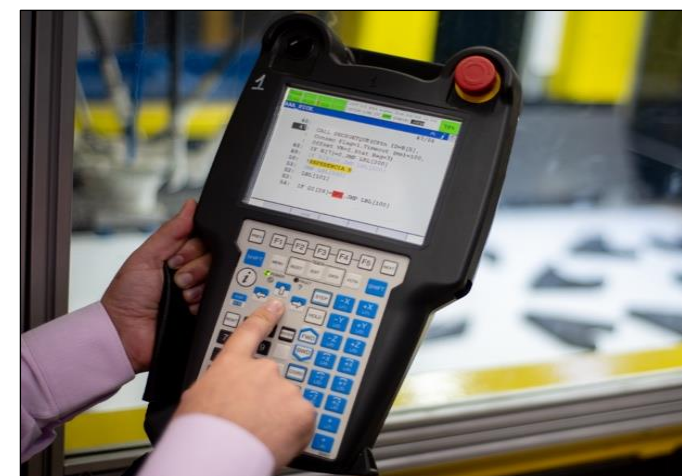




5 > TECHNOLOGIES (2/3)

Production Plant 2 (clockwise):

1. *Thermoforming control screens*
2. *Thermoforming machines*
3. *Preform control screen (for later use in the thermoforming process)*
4. *Preform control spiders*



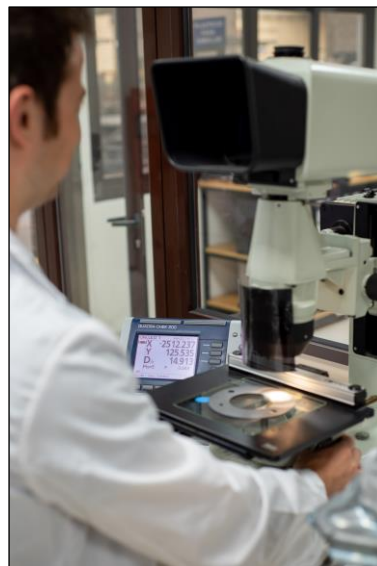
All our thermoforming machines have been designed and built by MODISPREM !!!



5 > TECHNOLOGIES (3/3)

Quality laboratory (clockwise):

1. *Microscope*
2. *Universal testing machine (tensile, compressive, adhesive strength...)*
3. *Climate chamber*
4. *3D scanner*
5. *Air filtration tester.*





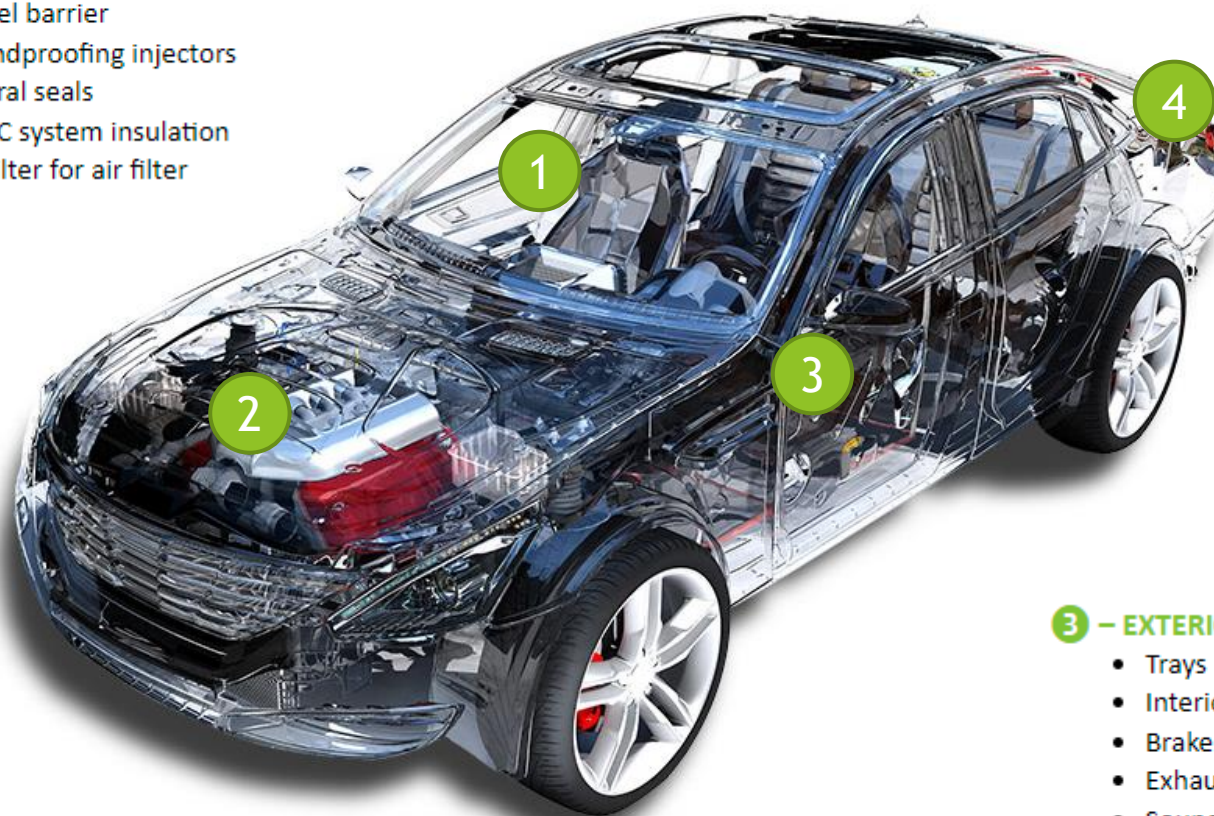
6 > SOME APPLICATIONS OF OUR PARTS IN THE AUTOMOTIVE INDUSTRY (cars & trucks)

1 – INTERIOR

- Dash Seals
- Anti-squeak
- Padding sterling door frame
- Pillars and columns
- Soundproof dashboards
- Soundproof air duct
- Winscreen seals
- Air duct seals
- Padding
- Headliner wedges
- Indexers seals
- Speakers seals
- Soundproof rug liners
- Seat inserts
- Soft sun visor
- Soft armrest
- Mucket

2 – ENGINE COMPARTMENT

- Wiring protection bandages
- Battery cover
- Soundproof Engine cover
- Diesel barrier
- Soundproofing injectors
- Lateral seals
- HVAC system insulation
- Prefilter for air filter



4 – TRUNK

- Rear shelf wedges
- Soundproof hollow body
- Lighting seal
- Soundproof rug liners

3 – EXTERIOR

- Trays
- Interior sound insulation
- Brake light gaskets.
- Exhaust system insulation.
- Soundproof wheel housing
- Soundproof rearview mirror
- Hollow sealing gasket.
- Mudguard deflector sealing gasket.

7 > THE THERMOFORMING PROCESS (1/3)

*Thermoforming is a process for producing **foam parts using heat and pressure.***

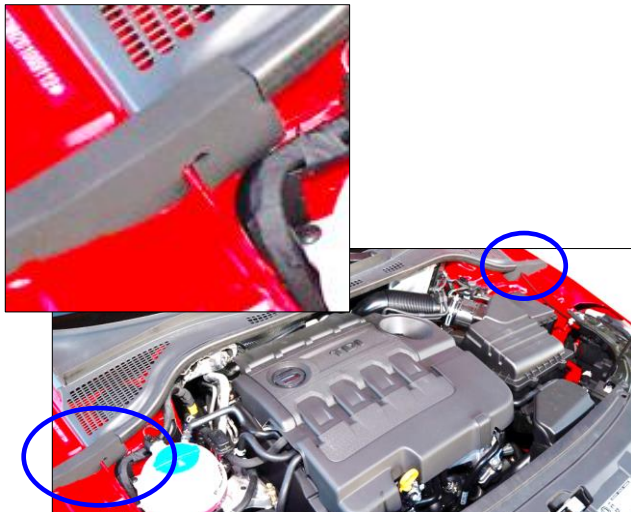
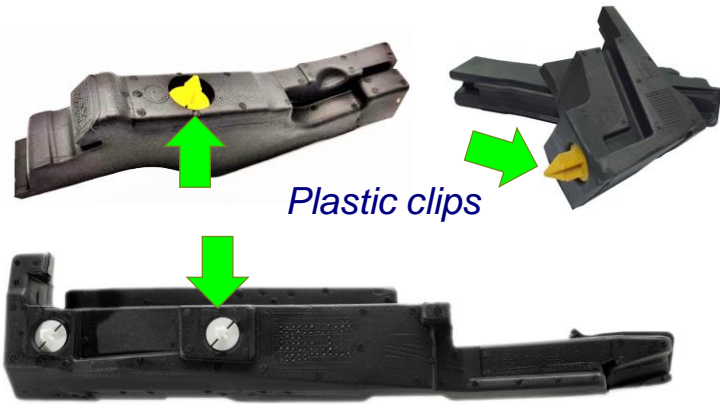
The 3D thermoformed parts are excellent seals
that **prevent the entry of water, air and moisture.**

From the right combination of time and temperature, we make different inserts into parts with thickness variations, including through or blind holes, textile areas, plastic clips and adhesive tabs.

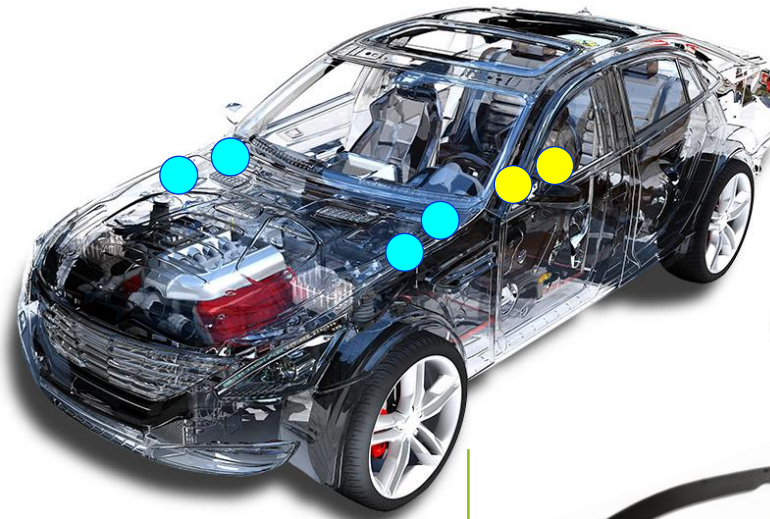


7 > THE THERMOFORMING PROCESS (2/3)

✓ RAIN GUTTER WATERPROOFING

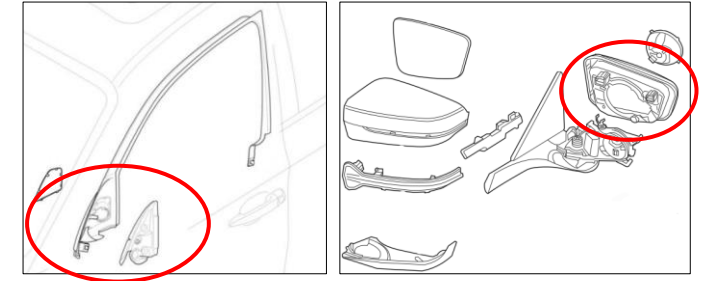


**Deep drawn polyethylene
foam parts for the automotive industry**
(exterior, interior and engine compartment)



✓ MIRROR TRIANGLE SEALINGS (MIRROR and A-PILLAR)

*(Sound insulation of the interior and
sealing against water and dirt)*



7 > THE THERMOFORMING PROCESS (3/3)

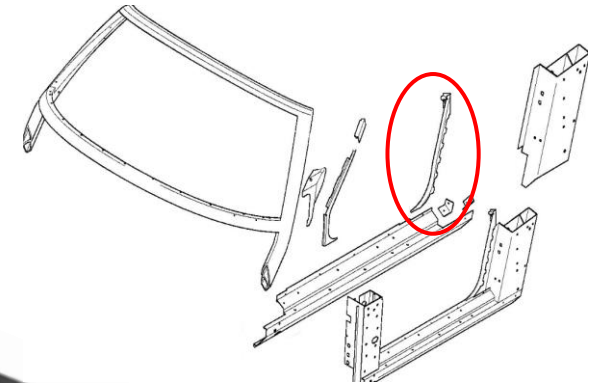
✓ DOOR (A-PILLAR) SEALING

(Sound insulation of the interior and sealing against water and dirt)

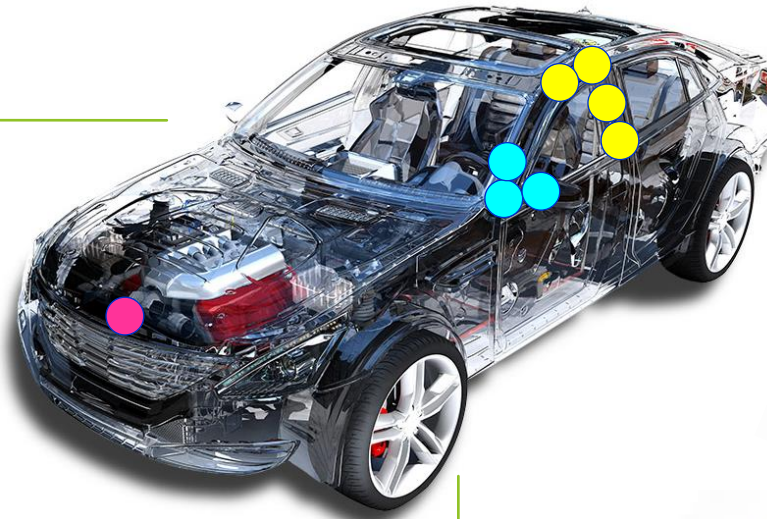


✓ DOOR (B-PILLAR) SEALING

(Sound insulation of the interior and sealing against water and dirt)



**Deep drawn polyethylene
foam parts for the automotive industry**
(exterior, interior and engine compartment)



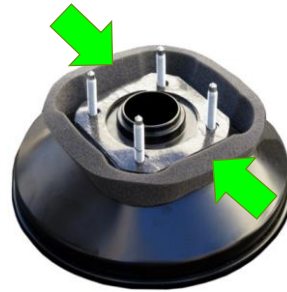
✓ COOLER SEAL

(Sealing between the front and the radiator for better channelling of the air flow to the cooler with increased efficiency)

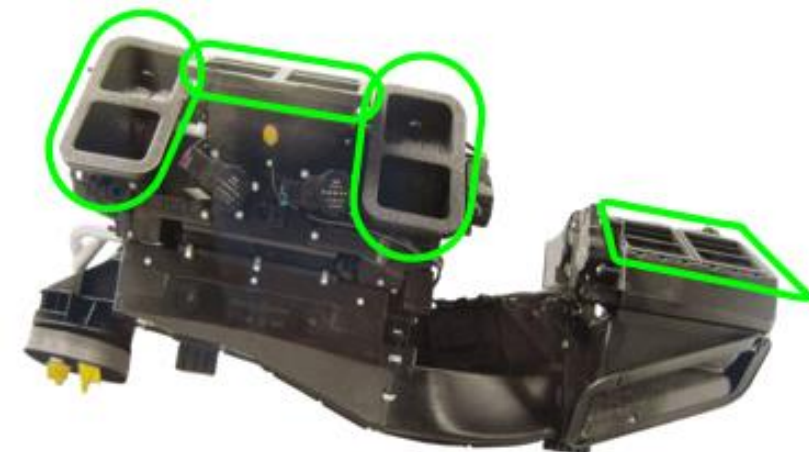


 *Adhesive tab*

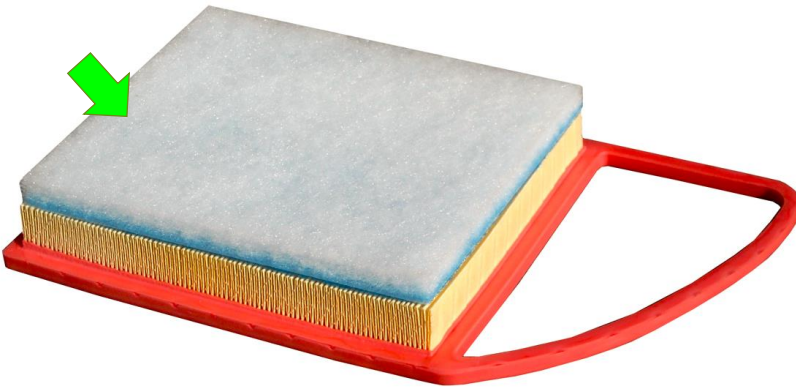
8 > DIE-CUT SEALINGS



Endless possibilities for our gaskets:
Anti-vibration, Acoustic (soundproof) and Thermal Insulation, Water Sealing



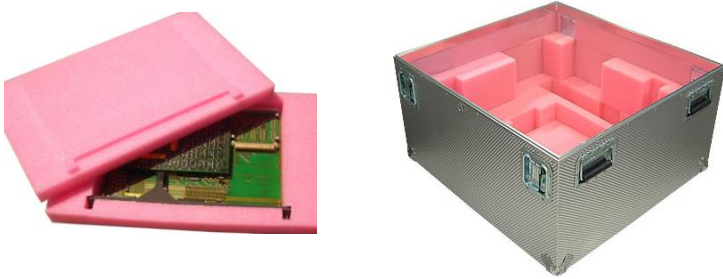
9 > NOT ONLY SEALINGS...



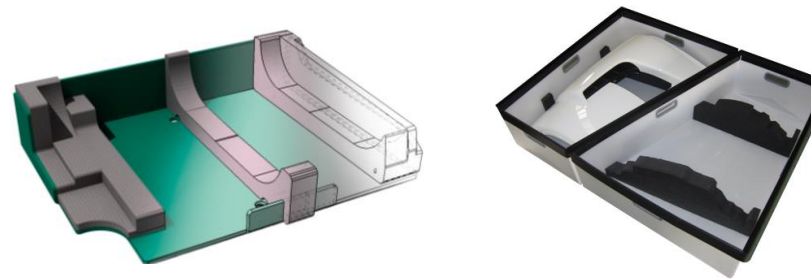
Adhesive tapes, filter foams and materials with excellent sound-absorbing properties for the interior and trunk, such as *nonwovens, wadding, felt or agglomerate*



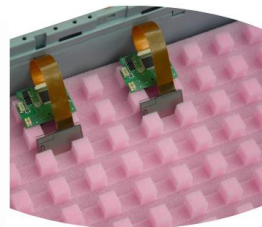
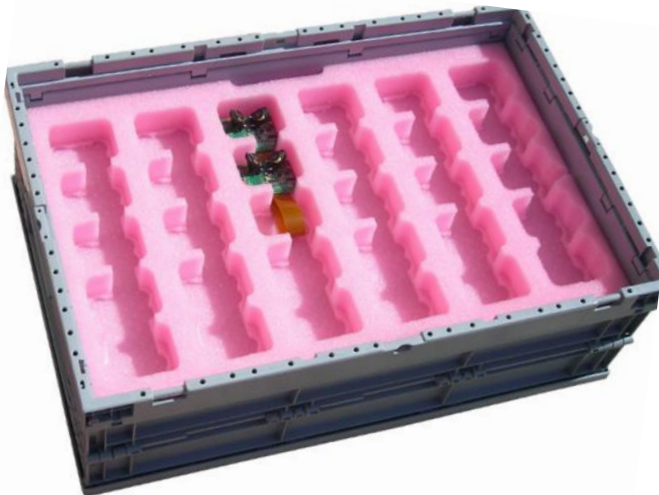
10 > FIXED ASSETS: PACKAGING SOLUTIONS



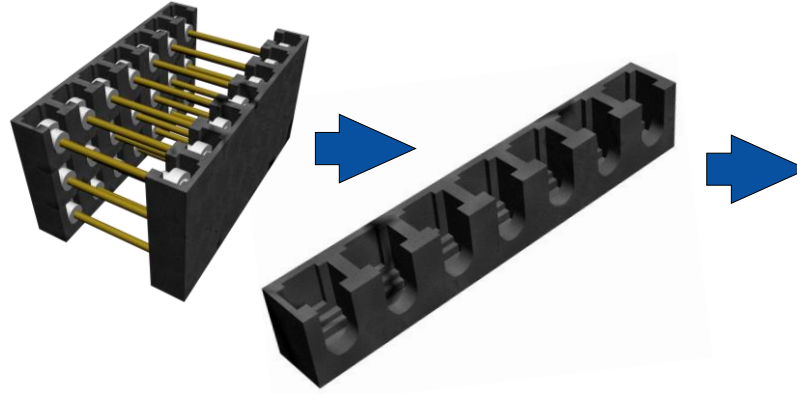
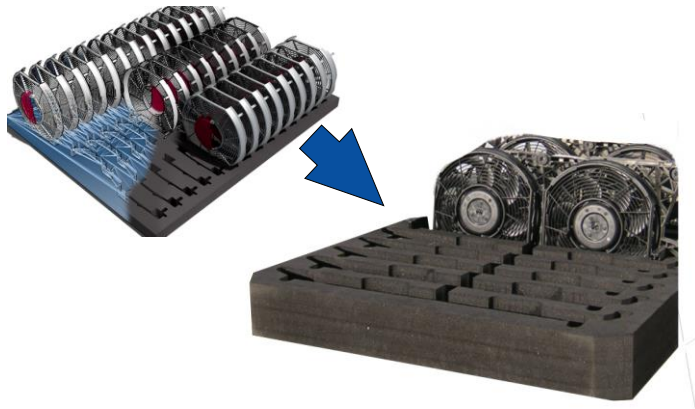
Antistatic & Conductive
*Packagings for Electronic Components
(electronics and automotive sectors)*



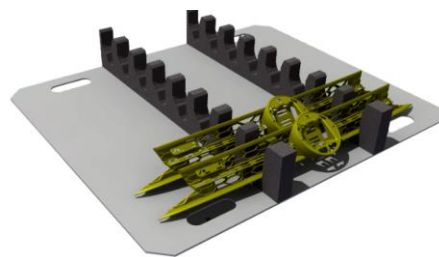
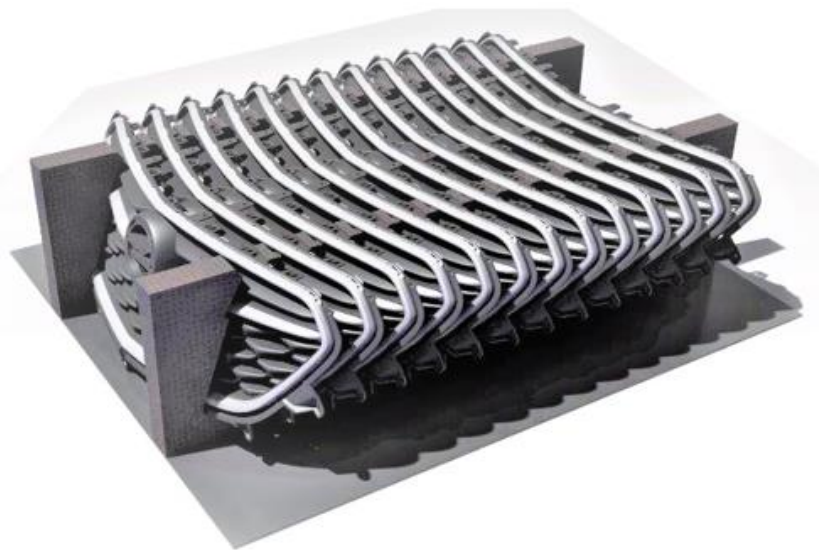
*Inserts for **containers for car and truck parts**, such as **mirrors or lights**.*



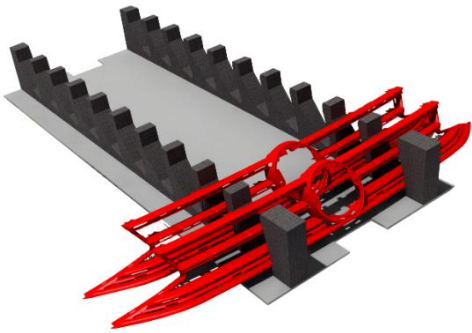
11 > FIXED ASSETS: PACKAGING SOLUTIONS



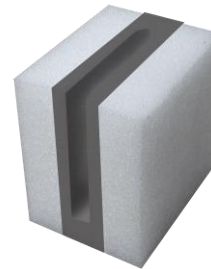
Separators** for Big and/or Heavy Components & **CKD Returnable Packaging



12 > GLASS INDUSTRY



***Glass separators** for the glass and automotive sectors*

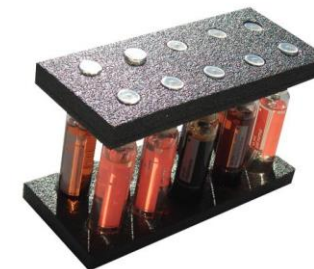


13 > FIXED ASSETS: PACKAGING SOLUTIONS

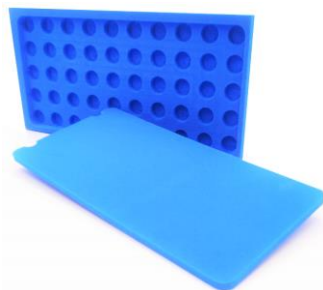




14 > FIXED ASSETS: PACKAGING SOLUTIONS



*Pharmaceuticals, perfumery and cosmetics, sporting goods...
... and every other FOAM solution you can imagine.*



15 > PARTNERS

