

**Technical Packaging Solutions** 

## Industrial durable packaging

Over 15 years providing industrial packaging solutions





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A projection of the company of the

#### 1. About us

## Comprehensive packaging solutions

Founded in 2007, we are a highly experienced company offering durable packaging solutions for the automotive industry, laboratories, and any company needing special packaging and containers that guarantee total safety, quality and optimisation of storage, transport and handling from the manufacture to the delivery of products to its customers.

#### Over 15 years in the industry

Providing durable packaging solutions for the automotive industry, laboratories, and any company needing special packaging

#### Security and safety

Total security for the transport of your products.

#### Quality and optimisation

We work with top quality materials and optimise the space of our packaging.

#### R+D+I

We are committed to new technologies and research in order to provide the best packaging solutions.

#### 1. About us

## Industrial durable packaging

We develop and manufacture all types of packaging and protective elements in plastics, textiles, metals, PE-PU foams, EPP-EPS and cardboard, as well as special containers for the transport of dangerous goods, isothermal containers or any other need that we may have.

We design the perfect packaging to protect your products

> We design the packaging with our R+D+I team so that your products arrive safely to destination.



**Dangerous** goods

We develop special containers for the transport of dangerous goods.

Quality certification

> Always with our quality certification guarantee.



#### 2. Services

## What do we offer?

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#### **Design of boxes** and containers

Development and manufacture of containers and boxes with standard or special design, or picking containers to supply production lines.

#### Solutions for your needs

Specific boxes with customised interiors, in any fabric, milled foams, high production and rigid and special compartments.

#### The best materials

We work with different plastic materials, textiles, foams and metals in order to meet any need.

#### State-of-the-art technology

Milling, plotter, waterjet and laser cut.

#### **Optimal** solutions

Manufacture of textiles for all types of packaging, with optimised designs and optimum materials to guarantee the protection of any product and their durability.

#### **Personalised** design

Manufacture of containers and metal cages with the finishes and specifications required by each client.

#### Tailor-made products

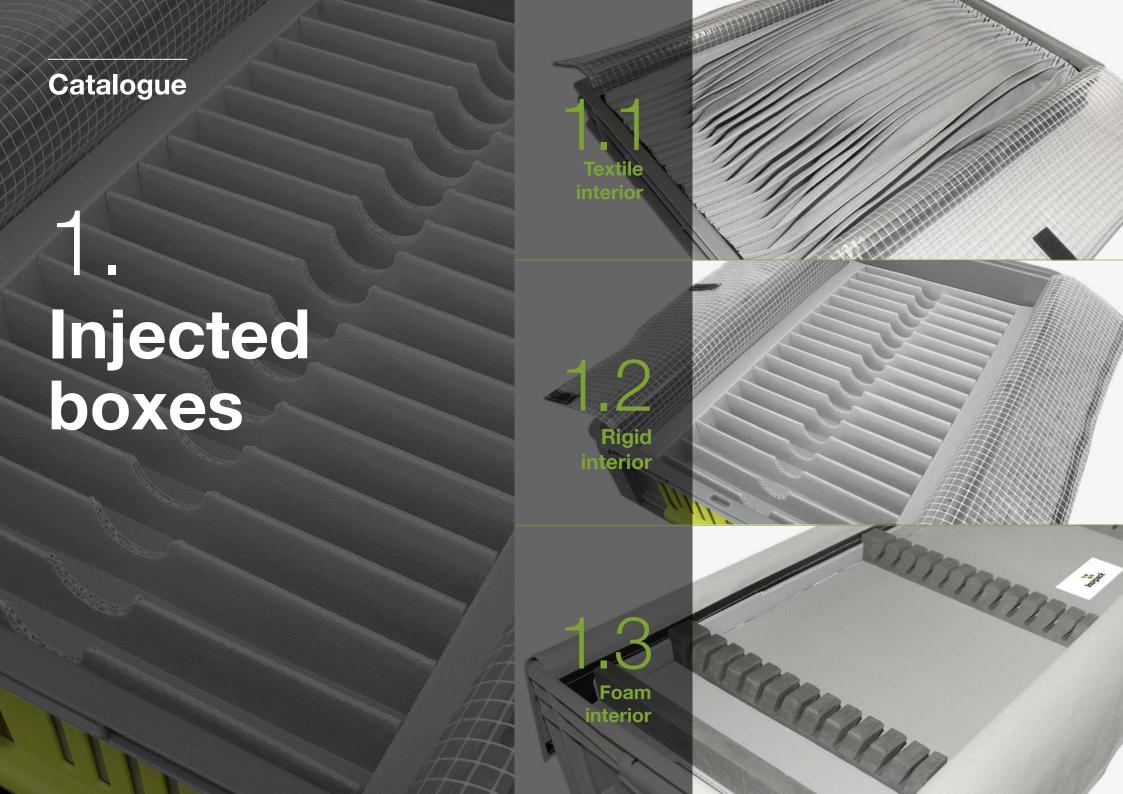
FPP/FPS and thermoformed packaging tailored for any product.

#### 3. Catalogue

## **Our products**

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At Inorpack we have all the technology necessary for the manufacture of textile interiors for any standard box in different technical fabrics depending on the needs of the product to be transported.

We have all the models of standard boxes on the market and we develop the packaging according to the design of each part, seeking the highest capacity and taking into account all aspects of their quality and finishes.

#### Textile interior













We have all the necessary fabrics such as Tyvek, Evolon, Keten, foamed microfibers, TNT, polyamide, polyester, felts, etc, and we are always testing and looking for new fabrics.

We also design the markings of the boxes according to the requirements of each client and any finish or colour of packaging they may need.

#### | Textile interior













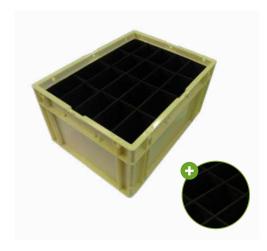
We have any model of box, as well as polypropylene boards in different grammages, with anti-static and ESD treatments, and coated with fabrics to manufacture any cell box or rigid lockers adapted to each part and their finishes.

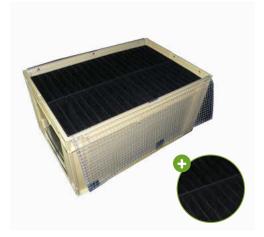
## 1.2 | Rigid interior











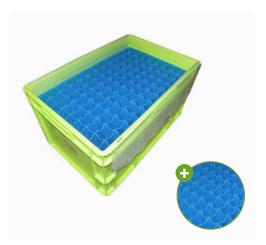


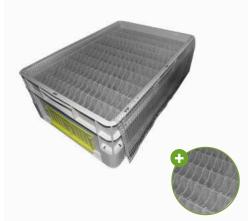
These rigid interiors and cells allow us to create the maximum number of partitions, taking into account any quality aspect of the parts or products to be placed, stored and transported.

We have both cellular and alveolar polypropylene in any grammage and with the required surface finish.

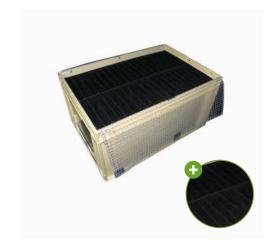
We have a vast number of materials to provide a solution for any product to be transported and stored in cavities that protect it properly both while stored and during transport, always ensuring that the packaging has the highest quality, the correct ergonomics and weight, and a high resistance and durability.

## 1.2 | Rigid interior













From the development to the marking of each box, our team will work to provide all the solutions and customisations required.

If necessary, designs may have protection elements such as textile double flap lids in the most suitable material: TST, transparent canvas with polyester thread reinforcement in a grid pattern, Tyvek, Keten... With Velcro fasteners to ensure protection and to avoid dust and impurities as much as possible.

We also have removable or hinged rigid plastic lids.

Partitions may be marked and numbered if required.

Any design and marking needs will be studied according to requirements and needs.

## 1.2 | Rigid interior



We have polyethylene foams, Eva, and EPP solutions in different grammages and strengths, as well as open cell or smooth finishes.

We study each need and implement the best boxes from the logistics point of view, and interiors, whether having one or multiple levels, are suitably integrated to guarantee their durability and proper handling.

Any need is studied and developed taking into account all details.

## 1.3 | Foam interior and trays











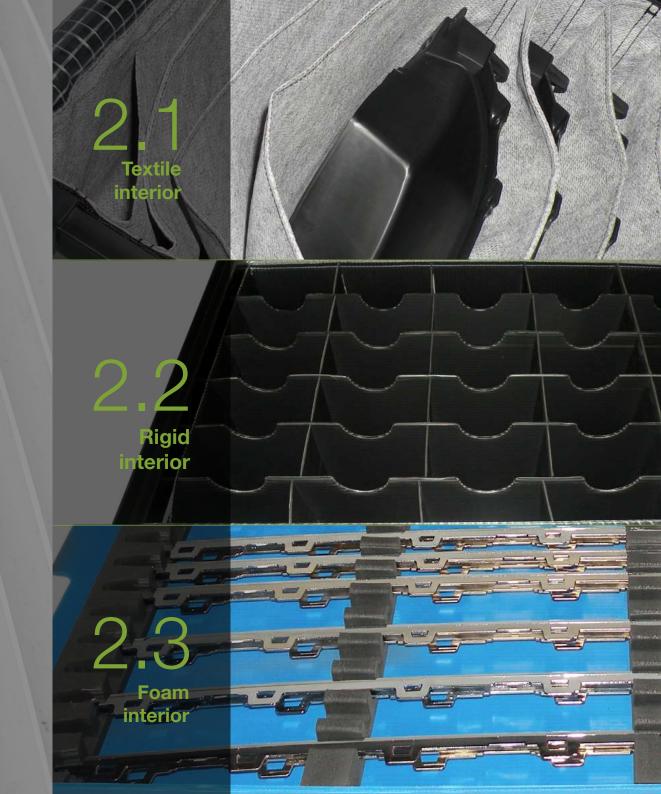
When it comes to thin or delicate parts that need to be supported or fixed in order to avoid some their points being touched, we develop and manufacture any type of foam solution so that parts are properly placed, fitted and prepared for a correct manual or automatic handling when being placed and removed.

## 1.3 | Foam interior and trays



Catalogue

## 2. PPC/PPA boxes



#### 2. PPC/PPA boxes

We have all the technology necessary for the manufacture of customised boxes to optimise storage, handling and transport, with textile interiors designed to provide a solution to every need.

We manufacture customised boxes with the finishes, handles, frame and other details as requested by the client, with the heights and dimensions necessary for the optimum transport of each part with the best use of space.

We work with all the necessary fabrics such as Tyvek, Evolon, Keten, foamed microfibers, TNT, polyamide, polyester, felts, etc. and we continue to try and search for new fabrics that improve quality and which are more environmentally friendly.

Boxes with sturdy and light textile interiors for any need when a standard box cannot be used.

#### **Textile interior**













#### 2. Cajas PPC/PPA

We manufacture any tailormade box and cell box solution in polypropylene in different thicknesses and grammages, with anti-static treatments, ESD and fabric lining.

These boxes are light, durable and have integrated cells and rigid interiors that allow us to create the maximum number of cavities, optimising the dimensions of the packaging to those of the pieces to be transported.

We have both cellular and alveolar polypropylene in any grammage and with the surface finish required, both for the manufacture of the boxes and for the interiors.

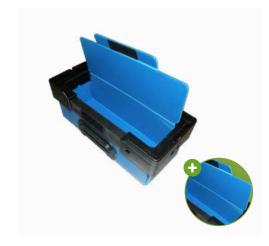
We have all the necessary components as well as the colours required for the manufacture of these boxes.

## 2.2 | Rigid Interior













#### 2. Cajas PPC/PPA

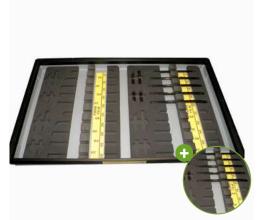
When it comes to thin or delicate parts that need to be supported or fixed in order to avoid some their points being touched, we develop and manufacture any type of foam solution so that parts are properly placed, fitted and prepared for a correct manual or automatic handling when being placed and removed.

We have polyethylene foams, Eva, and EPP solutions in different grammages and strengths, as well as open cell or smooth finishes.

We study every need and we design the optimum size of box with tray or foam interiors with different levels; they are light, highly resistant and are developed taking into account all the details.

## 2.3 | Foam interior and trays



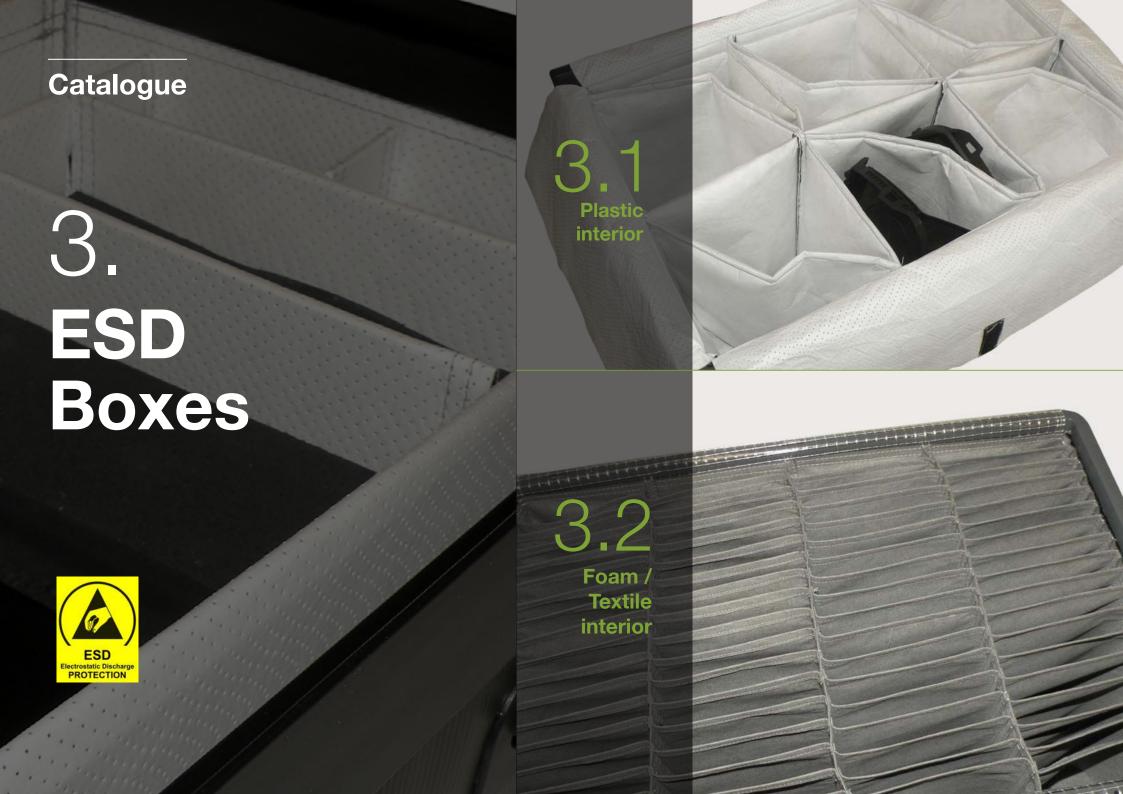












#### 3. ESD Boxes

Some packagings need to be antistatic - conductive / dissipative due to the type of product to be transported. We have treated plastics and fabrics to manufacture customised packages that meet the requirements and needs for electronic components or any product that needs it, to be transported safely and efficiently, without suffering damages caused by static electricity that could accumulate in the packaging during movement and transport, as well as in internal processes susceptible to static charges.



#### | Plastic interior













#### 3. ESD Boxes

We have plastics for the construction of complete boxes, both injected and made to measure ESD PP, in different thicknesses and grammages with graphite mixture. We use them to manufacture from standard injected boxes to fluted/alveolar PP boxes in any custom-made grammage. Also, we have treated fabrics and foams to provide solutions that are always effective and comprehensive if so required.



## 3.2 | Foam/Textile interior







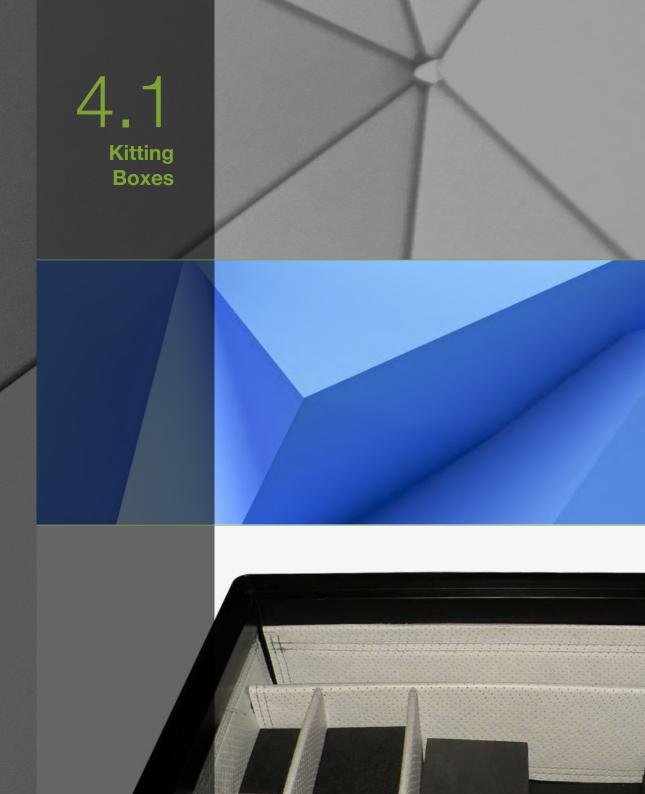






Catalogue

4.
Kitting
Boxes



#### **4.Kitting Boxes**

We manufacture any kitting box solution adapted to the dimensions and heights of the parts to be prepared at assembly and mounting stations.

All boxes can be made to measure with plastic dividers lined with fabric, and also with foams and extensions made for each partition and shape.

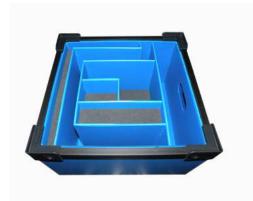
Holes may also be made to accommodate screws and small materials if required.

The packaging can be made according to the dimensions, heights and requirements of each workstation and, where necessary, they may have ESD protection.

Partitions are sorted and numbered according to requirements.

The design is made so that the spare parts kit is adapted to the established handling and order, thus increasing production and reducing errors in the preparation, avoiding lacks of materials in the assembly process of multi-component sets and reducing times.

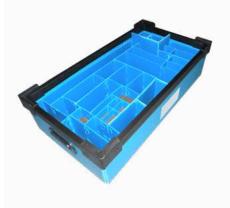
#### | Kit Box













#### Catalogue

## Dangerous goods



5.1 **Boxes with Safety Lock** Inorpack fastening system

5.2

**Boxes** with sling fastening

#### 5. Dangerous goods

For many years now, we have developed an easy-opening locking system adaptable to different box sizes for those clients who manufacture components with explosive charges such as airbags, pretensioners, safety felts and other elements that, due to their nature, must be transported in sealed and duly protected packaging. We offer boxes approved for the transport of dangerous goods in the dimensions and finishes required by the client.

These boxes are usually made in ESD and sometimes they have foam or thermoformed materials inside made to measure for each part to house and fix them properly. They are type-approved in accordance with the corresponding standard.

These boxes feature our integrated fastening systems and lids and are also a perfect packaging for the transport and storage of screws and small components.

## 5.1 | Boxes with Safety Lock Inorpack fastening system











#### 5. Dangerous goods

Another of our manufacturing solutions are all types of boxes with lids and sling fasteners, which together with the Safety Lock fastening system, are a solution for the transport of components with explosive charges such as airbags, pretensioners, safety belts and other elements that require a packaging approved by the Ministry of Industry under the corresponding U/N standard.

They are manufactured in different sizes depending on the needs and they are perfect for the transport of dangerous goods. Although their opening and closing systems are more expensive than the Safety Lock, they are also manufactured in the models, dimensions and finishes required by the client.

These boxes are also widely used as packaging for the transport and storage of screws and small bulk components.

## 5.2 | Boxes with sling fasteners







#### Catalogue

# 6. Dedicated plastic containers

- Non-foldable
- Foldable
- In any size
- ESD
- With any design and internal solution



#### 6. Dedicated plastic container

Whether front or top-loading, we manufacture any container solution with textile interiors.

We have different sizes and we can make special sizes with our Cut and Weld system.

All developments are made with handling and ergonomic requirements in mind, and we have customised developments and solutions in any fabric required, as well as fabrics treated for static electricity.

The entire process is carefully studied from design to manufacture in order to ensure that the containers will be resistant and guarantee the correct protection of the different elements and components to be transported for the years required.

#### **Textil Interior**













#### 6. Dedicated plastic container

We develop rigid or folding cell boxes in polypropylene and fabrics for the types of parts that require it, so that the parts are properly fixed and separated.

These cell boxes are adapted to the dimensions of the container to be used and we can offer any standard size as well as develop and manufacture special sizes.

We have alveolar and corrugated plastics of any thickness and grammage for manufacturing according to the requirements, weights and finishes of each product to be packed and transported, ensuring an efficient and damagefree transport and storage.

These solutions are foldable to reduce as far as possible the return and storage of empty containers.

## 6.2 | Cell boxes for containers













#### 6. Dedicated plastic container

All of our cell boxes and containers have the materials and designs required for each product, without neglecting any aspect of the filling, storage, transport and return processes.

They are designed to house the products in individual partitions, either fixed with ribs to immobilise them or with inserts milled in high density foams for a complete fitting of the contour or cushioned fixation in the possible points.

We have everything necessary to provide a solution for component transport systems.

We also take care to reuse, recycle and reconvert obsolete containers from our production into new developments so that our clients can reuse the containers while minimising investment and the environmental impact.

### 6.2 | Cell boxes for containers















We manufacture front-loading metal containers in any size required, stackable and with interior designs adapted to the needs of each client.

All containers are manufactured in accordance with current EU standards with the necessary developments to comply with weights, stackability, safety and correct handling.

We manufacture them with the materials, thicknesses and protections necessary to meet all requirements.

They may include protective covers in tarpaulins and curtain doors to prevent dirt and dust from the environment.

Our technical office develops the solutions our clients need and we manufacture the containers with the necessary finishes, colours, markings and numbering.

## 7.1 | Front loading







We manufacture any container to transport waste or metal with the dimensions required by the client, and also in the quantities required.

These robust and stackable containers may be manufactured with galvanised finishes, painted in the required Ral and customised with codes, logos and numbering.

Each container will have the necessary thickness to safely support the weight of the load.

They may be manufactured with watertight tubs or with drainage holes, gridded or smooth bases and sides, etc.

Whatever the need, we have a tailormade solution.

## 7.2 | Metal trunks













We develop and manufacture container frames with folding systems for an optimal storage and empty return.

These containers may be provided with the required textile solutions and will be completely folded, reducing their volume by more than half their height.

They are resistant and durable and ideal for the transport of parts in lockers.

They may be manufactured with different finishes and colours, and their internal inserts may be made in different textile materials as required.

### 7.3 | Foldable systems













Under the different standard models, we have any of the folding containers commonly used by the automotive industry.

All of them are manufactured in the sizes and colours required, providing a solution to the logistics between plants with standardised solutions.

We have from the smallest to the largest model with folding systems, grids and panels.

These containers can be manufactured using standard colours or in corporate colours.

## 7.4 | Containers, cages and SLI systems















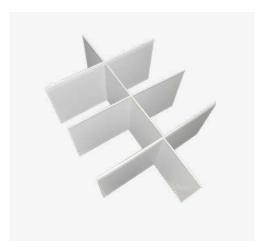
#### 8. Collapsible cell boxes

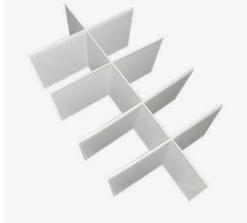
We manufacture all kinds of dividers and cell boxes for plastic containers and metal cages, for filling at different levels, guaranteeing optimised transport and storage without the risk of damaging the parts.

All separators and dividers are made in durable and reusable plastic, textile and foam materials, with high resistance for a long useful life.

We have the necessary technology for the development of inserts that ensure a perfect placement of the pieces and a fixation in its contour that avoids friction and scratches in delicate areas.

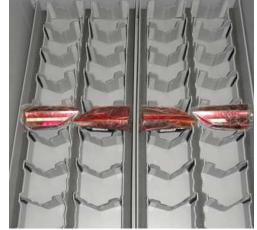
# | Cells and dividing solutions for containers













Lockers and internal logistics solutions



#### 9. Lockers

We manufacture made-to-measure rigid PP lockers for internal logistics trolleys in any size, with 1, 2 or 4 sides.

We manufacture them in different grammages and with the necessary finishes.

These lockers may be manufactured in ESD materials as required.

Cells may be finished with interchangeable parts, foams and any other solution as required.

Lockers may be numbered and marked in the order required.

# 9.1 | Lockers for trolleys in alveolar PP and ESD













#### 9. Lockers

For those parts which due to their finish require logistic trolleys and locker solutions that protect the parts to be placed in them from scratches or friction, and can be stored from the injection to the surface treatment, painting and finishing, we design and manufacture bags and lockers for carousels and internal logistic trolleys with different partitions, seeking to maximise space and the quality of storage and transport.

We design the textile bags and lockers according to each need and also adapt them to the dimensions of the existing trolleys and transport systems in order to reuse the structures and adapt them to new components.

# 9.2 | Textile lockers and bags













#### 9. Lockers

Whether rigid or with fabric finish, we have the necessary technology and materials to provide solutions with different grammages, colours and combinations of materials to ensure an optimal component protection and locker durability.

For all of our solutions, the client receives initial samples of the lockers for their validation of the series in the shortest possible time.

# 9.3 | Lockers and bags













Cases, protections, special bags and textile covers



#### 10. Cases, protections and covers

We manufacture any type of protection for polishing tables, trolley covers, and protection elements in technical fabrics to create tailor-made solutions for every need.

We have ESD fabrics as well as many technical fabrics applicable in accordance with European regulations and manufacturing standards.

From customised covers to any isothermal packaging or packaging requiring static electricity treatment, any solution or size is possible.

We also manufacture covers for trolleys or anything that needs to be protected from dust or the elements.

# 10 | Covers and packaging in special fabrics













Bacs, lids and PP trays with positioners



#### 11. PP trays

We manufacture any type of stackable box, tray, separator or lid in small and large sizes, in different colours and grammages for any use.

We have cellular and alveolar polypropylene from 400 to 3000 grams in different colours and with ESD treatments.

We develop 100% polypropylene specific solutions, or in case of trays with part positioners and fixers, we design, cut and place polyethylene foams of different densities so that parts are separated and do not suffer blows, movements or contacts with the upper layers that would cause damages or deformations.

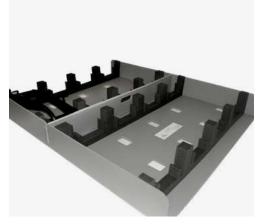
# | Polypropylene trays, bacs and lids



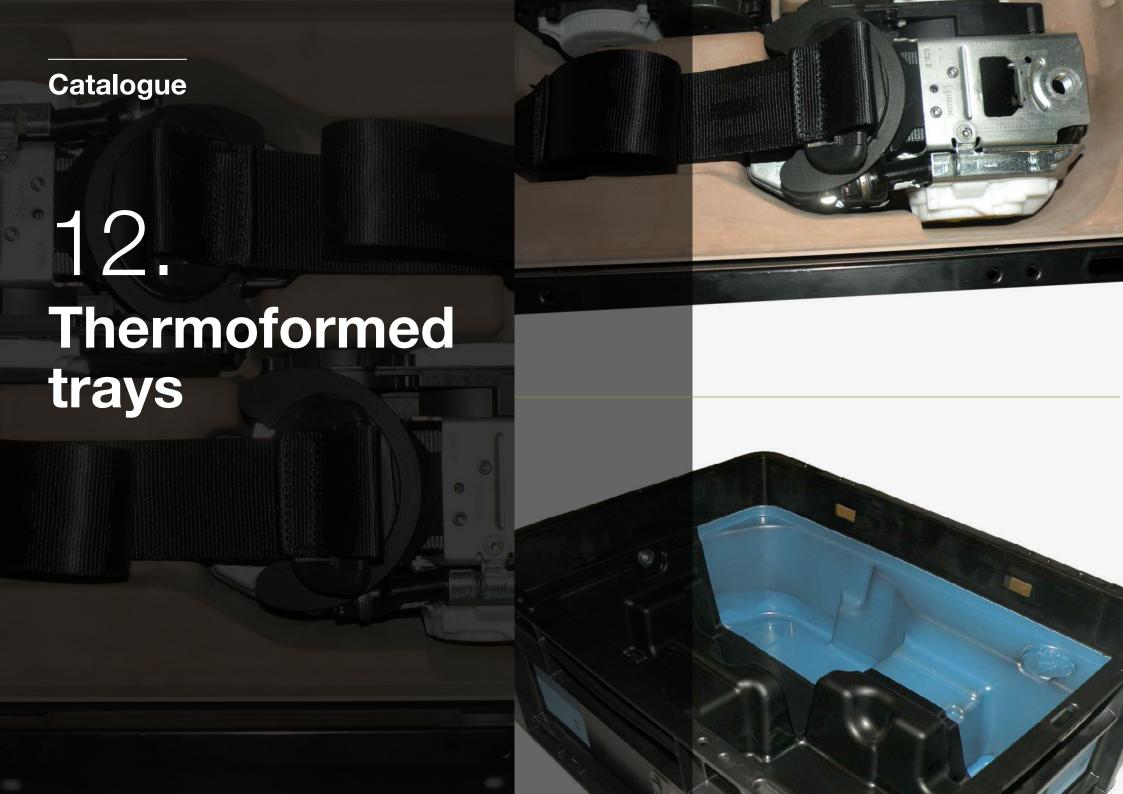












#### 12. Thermoformed trays

We can develop and manufacture thermoformed trays in the materials and thicknesses required to provide a durable packaging solution for those products and components that must be transported and stored with inserts that guarantee a correct fixation and avoid movements.

For those components that require it, we have ABS and PP and ESD polyethylene for the manufacture of dissipative conductive trays.

A suitable solution for long runs which, depending on their shape and the materials to be supported, we will develop in a more or less thick material, guaranteeing the appropriate durability of the project.



# 12 | ESD and special thermoformed trays













Catalogue 13. EPP trays

## 13. EPP trays

We have developments in different sizes of stackable EPP trays, with handles, markings and any required element: in addition, we also have ESD PP for the manufacture of dissipative conductive trays for those components that require it.

Once the project has been assigned, we present the milled prototypes in the required resistances for validation and subsequently the moulds are manufactured and the series production begins.

A 100% recycled and recyclable packaging that is a very competitive and durable alternative for those projects that require it.

# 13 | EPP and ESD EPP trays













Catalogue 14. Lids and separators



# **14. Lids** and separators

We manufacture lids in any size and grammage of plastic for any solution and size of container or box.

We can offer lid and interposer designs that duly protect the containers from dust and other elements, with foam or textile protection where required and ESD materials.

We also manufacture interposers with handrails, holes and the designs required by the client to provide a solution to part stacking with the greatest efficiency and safety.

# 14 | Lids and separators













Catalogue 15. **Protective** and milled foams

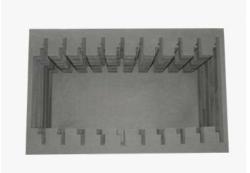
### 15. Protective and milled foams

For any delicate part or component, we have polyethylene foam in different hardnesses and with conductive treatments if required, which we cut and mill in the thicknesses required to create durable protective elements.

From trays to loose protections or base formats, we provide a solution to every need.

# 15 | Protective and milled foams













16
Protections and special parts



# 16. Protections and special parts

We design and manufacture customised protection equipment for any assembly process that requires covering areas that may be damaged during assembly.

These tools are manufactured according to the needs of the process and the client's remarks.

We also manufacture customised cases and workholders for small materials and fasteners, as well as assembly tools, so that operators can maximise their work procedure.

# 16 | Protections and special parts

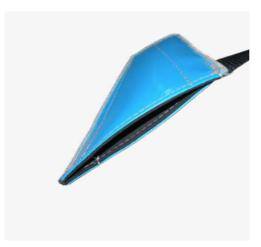












17.

Laboratory and cosmetics

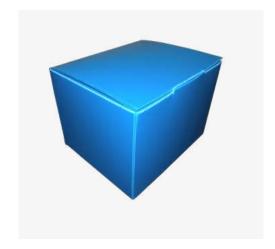


#### 17. Laboratory and cosmetics

We manufacture all type of isothermal or transport packaging for laboratory or cosmetic elements that require special treatment, insulation, stable temperature levels, etc.

We design any size, from small formats, plastic octabins and palletisable containers so that clients have a solution adapted to their processes and storage and transport needs, for the correct handling and preservation of each specific product.

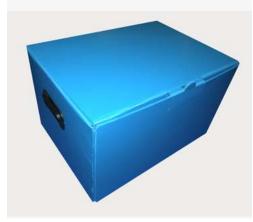
# 17.1 | Laboratory and cosmetics













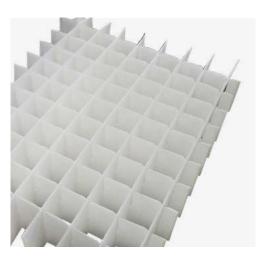
#### 17. Laboratory and cosmetics

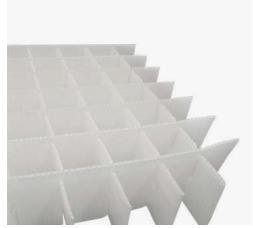
We have manufacturing processes for clean rooms, packaging and handling laboratories that allow us to provide clean solutions, with plastic materials suitable for each product and each regulation in force.

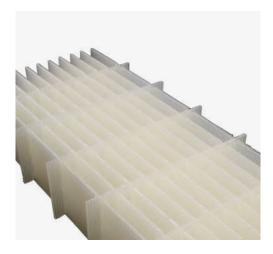
Our team is always working to find new materials that improve processes, which are more natural and environmentally efficient.

We also have solutions for the manufacture of waterproof packaging to protect against spills when transporting creams and/or liquids.

# 17.2 | Cosmetics





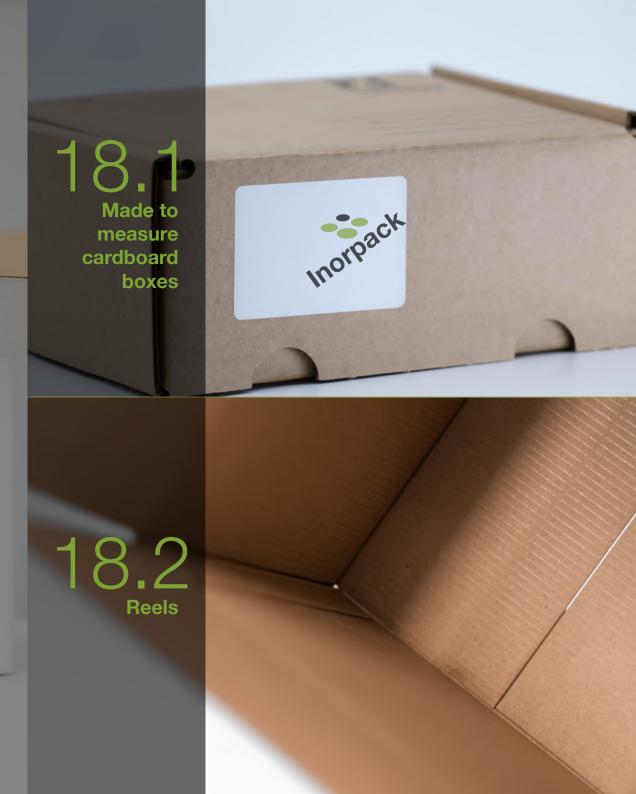








18. Custom made cardboard packaging solutions



# 18. Special packaging

We can develop or manufacture cardboard packaging in small or large series for special needs with simple or customised finishes, as well as with interiors for fixing bottles or any other element to be placed.

All our packaging is manufactured with the necessary thicknesses and qualities to offer the best value for money and to have the minimum resistance according to the weights and needs to be supported.

Our clients request and indicate the qualities they want, but if they are not sure, we can perform a study of their needs in relation to the product, characteristics and weight.

# 18.1 | Made to measure cardboard boxes













# 18. Special packaging

We manufacture any type of reel in different diameters for manufacturers of extruded rubber, thermoplastics, cables, filaments, ropes...

Each client tells us the desired dimensions for their process and the coil widths.

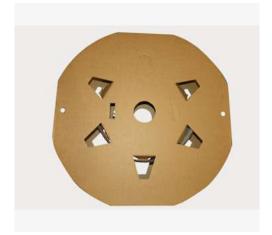
A perfect solution that maximises the winding and packaging process, as well as being recyclable with a minimum residual and environmental impact.

Our reels are the perfect solution for the industry and for the transport of flexible extruded items.

# 18.2 | Reels





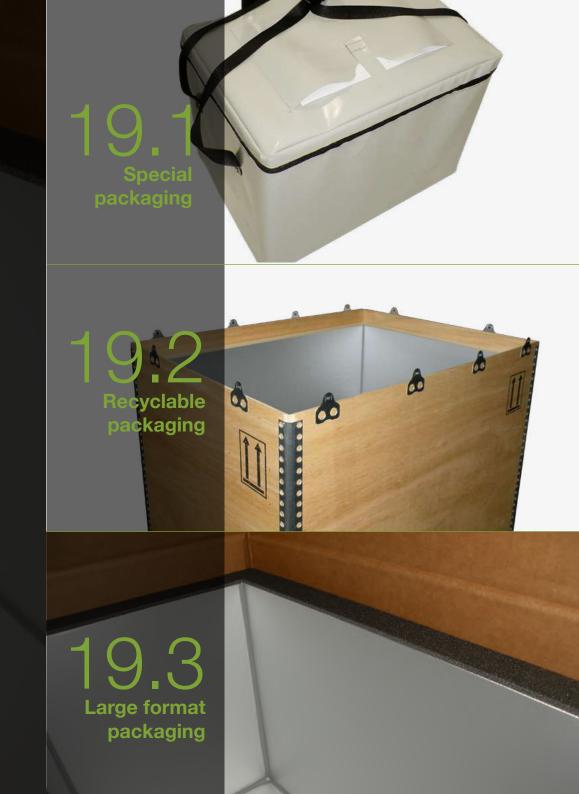








19.
Isothermal packaging



We have a vast experience in the customised manufacture of flexible isothermal packaging for the transport of food, pharmaceuticals, flammable liquids or reagents at temperature.

Our aim is always to provide the client with a customised need and with the dimensions they need, whether for internal use and processing or for the transport and shipping of their products by land, sea or air, in accordance with the regulations applicable in each case.

# 19.1 | Special isothermal packaging











We have solutions for the transport of refrigerated products with ice, frozen products or products that keep warm.

Whatever your need is, you can send us your information and we will study it.

# 19.1 | Special isothermal packaging







We manufacture cardboard and wooden containers in customised sizes, lined with isothermal materials for the transport of products where there is no packaging return.

We also have the corresponding certifications and regulations, and are authorized to type-approve any packaging under ADR, IATA standards or whatever the client requires, depending on the type of product and transport and shipment.

# 19.2 | Non-returnable and recyclable isothermal containers













Large-format isothermal palletisable containers, where any product can be transported and shipped with the maximum thermal coefficient required.

For this purpose, we have isothermal insulating panels with special coatings and thicknesses.

Also with aluminium finishes and totally sealed to minimise possible thermal leakage.

# 19.3 | Large-format isothermal containers











#### 4. Values

# Our values

At Inorpack we believe that there is only one way for the our future and that of our company to move forward and grow, and for this it is essential to maintain good relationships with our employees, clients, suppliers, shareholders and the community.

#### Honesty and transparency

We act with transparency and integrity, in virtue of the common benefit of each of our projects. Keeping our actions within the limits of state regulations and the ethical guidelines developed and promoted by the company.

#### Quality

Through constant innovation and continuous improvement in each of the processes, we deliver differentiating products and services with added value to each of our clients.

#### Sustainability

We believe in a better future, so we work in the search for new and more sustainable materials, closer suppliers and ways to help improve our lives by minimising the environmental impact of our products, as well as helping our clients to maintain, reuse and recycle any of the packaging we manufacture that has finished its useful life and has fallen into disuse.

## 4. Values

# R+D+I

At Inorpack, we promote research and development as the core of the catalogue of services we offer.



#### 4. Values

# Certificates

Through constant innovation and continuous improvement in each of the processes, we deliver differentiating products and services with added value to each of our clients.

We keep believing in a better future, and for this reason we always move forward and work in the search for new, more sustainable materials, closer suppliers and ways to help improve our lives by minimising the environmental impact of our products, as well as helping our clients to maintain, reuse and recycle any of the packaging we manufacture that has finished its useful life and has fallen into disuse.

Our technical and human team is willing to help clients with the rigour, promptness, honesty and management that guarantee the excellence of our relationship and awareness of the challenges we face in the preservation of our social and environmental surroundings.



#### 5. Contact

# Are you looking for industrial packaging solutions?

**Contact us** 



937 70 18 68



# Industrial durable packaging

Over 15 years providing industrial packaging solutions

