

## Circular Plastics Solutions

Take part into the transition  
to a Circular Economy  
for Plastics





# Reduce, Reuse, Recycle

## Sustainable & Reusable solutions for any step of your supply cycle.



### Long Lifespan (up to 20 years)

Lightweight and robust, our products are impact-resistant and show no wear and tear signs despite heavy use.

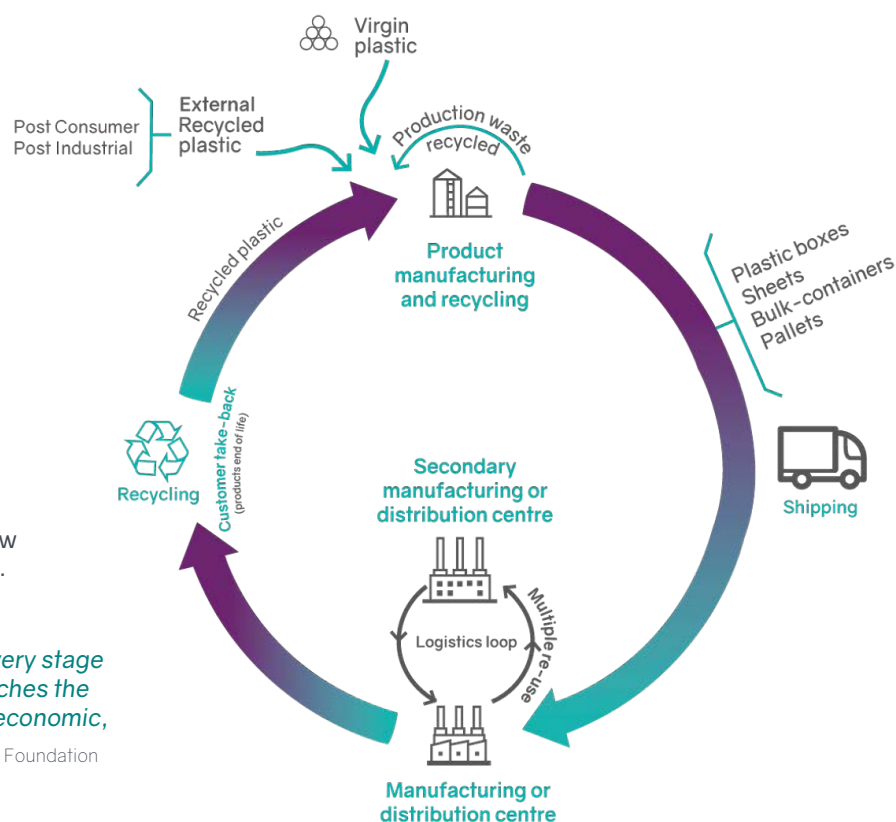


### Recyclable

Made with Polypropylene, our products can be fully recycled into new products at the end of their useful life.

*The circular economy for Plastics considers every stage of a product's journey – before and after it reaches the customer. This approach offers the strongest economic, social, and climate benefits.*

Ellen McArthur Foundation  
23/07/2020



## Versatile & Multimarket Solutions



Automotive



Healthcare



Agri-food



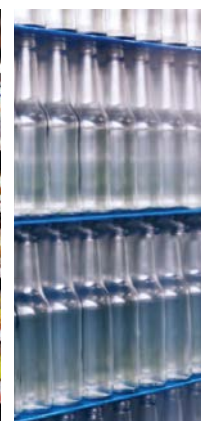
Graphic



Construction



Retail

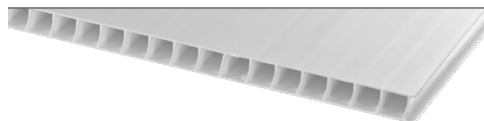


Beverage



## Multiple sheets structure to fit your applications

### Fluted structure



**AkyLux®  
& Correx®**

- Easy to convert into various packaging solutions
- Quality: 2-14 mm, 250-3000 g/m<sup>2</sup>
- Format: from 500x500 mm (in-line. Smaller possible) to 6000x2500 mm
- Possible antistatic, anti-UV and Corona treatments
- Standard colours (orange 311, yellow 600, red 301, green 503, brown 800, grey 700, black 200, white 100, blue 400). Special possible.

### Bubble structure



**AkyBoard®**

- Sandwich panel with bubble structure for versatile packaging applications
- In-line lamination possible (one or both sides)
- Flat surface and homogenous rigidity
- Quality: 2,5-11 mm, 450-3000 g/m<sup>2</sup>
- Format: from 500x500 mm (in-line. Smaller possible) to 3500x2100 mm

**AkyBoard HR**

- Akyboard 3200g/m<sup>2</sup> internal structure with improved rigidity
- Dedicated for container sleeves

### Solid structure



**AkyPlen®**

- Solid sheet for graphic, stationery and packaging applications
- Quality: 0,25-2 mm
- Format: from 500x500 mm (in-line. Smaller possible) to 2040x1400 mm

## Benefits of Polypropylene Solutions



#### Hard-wearing

Lightweight and robust, our products are impact-resistant and show no wear and tear signs despite heavy use



#### Water Resistant

Suitable for indoor and outdoor use, our products protect your dry of semi-wet goods, preventing the formation of mold.



#### Fibre-free and Hygienic

Non-shedding, our products minimize allergic reactions such as dermatitis, irritation of the eyes, nose and throat. Their smooth surface can be wiped clean and washed to eliminate dust.



#### Tailored Solutions

Our solutions are designed and manufactured from A to Z to suit your needs for every step of your supply chain.





# Layerpads, Boxes, Trays & Transit Packaging Solutions

## Bespoke Polypropylene Packaging

Made from extruded polypropylene sheets, our packaging solutions are lightweight, sturdy and can be customized to fit your needs.

### Make the choice of Reusable Packaging

As soon as a regular loop between a dispatch location and delivery location is identified, returnable packaging enables a considerable reduction in expenditure and an improvement in short or medium-term profitability.

Highly-durable, reusable packaging offers sufficient protection to your goods during many logistic loops and offer up to 10 years of life span. Reusable packaging is entirely recyclable at the end of its useful life. The properties of polypropylene allow us to regrind and recycle post-consumer material and re-extrude them for use in new products.



## Layer pads

Layer pads with welded edges are an excellent solution for the beverage industry. They are the ideal solution for stable palletization of cans, glass and PET bottles as they reduce product loss and wastage.



## ESD & Antistatic Solutions for electronic components

ESD & Antistatic solutions are the optimal choice to protect your sensitive electronic products and components during transportation or storing.



## Hygienic & Fibre-free Solutions for Pharmaceutical Industry

The AkyPure range of packaging is designed and manufactured to meet the highest requirements of the Pharmaceutical Industry.





# AkyPak Container Reusable Packaging Solutions

## AkyPak™ Classic

Returnable solution  
in 3 separate elements



Return in 3  
separates  
elements



A wide  
range of  
dimensions



Lightness



Logistics  
Optimisation



## AkyPak™ Advanced

Ergonomic solution  
returnable in complete sets



Return in  
sets



Modular



Strong



Ease of use



## AkyPak™ 4You

Your ideas, our solutions

A solution developed from A to Z. Your product is special and you want the perfect container to transport it safely and securely. We will develop an optimised solution for you which meets your specifications.



Functional



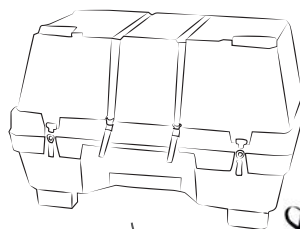
Eco-design



Quality  
Service



Tailor Made  
Solution







# Internal Fittings & Dividers

## Tailor Made protections for your products

### Polypropylene

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The correct rigid dividers can transform metal racks or bulk containers into a highly efficient, highly protective packaging solution ensuring fast, easy access for employees.



### Textile

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Textile dividers are an excellent choice to protect parts with a sensitive surface and unusual shape. This cost-effective solution allows a higher quantity of parts to be safely included in one packaging unit.



### Foam

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Foam dividers can be used to segregate pieces that are sensitive to scratching.



### Polypropylene laminated

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Laminated polypropylene dividers have the properties of rigid dunnage with the added softness required to protect and secure your products against any scratches.



### Trays

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Thermoformed trays allow us to produce tailored solutions to your needs and your products.





# AkyPak Storage Ideal solution for warehouse storage

## AkyPak® Modular Storage Pick Bins

Custom picking bins increase efficiency and result in shorter order fulfillment lead times.

Whether you choose shelf standing (to fit on existing racks) or free standing (to maximize floor space), our expert design team will cater to specific size requirements to improve the efficiency of your order picking, creating the perfect picking wall.

AkyPak® stackable picking bins are made of strong, twin walled polypropylene to ensure longer lifespan and re-usability, leading to lower lifetime costs.



## AkyPak® Racking Unit

Our expert design team will work with you to understand your needs and propose the most efficient storage solutions to help you maximize space, increase product visibility and ease of picking, and lower your costs.

## AkyPak® Boxes & Totes

Re-usable and durable Boxes and Totes customized to the transport needs of different product categories. Sturdy, yet lightweight and collapsible when not in use, our products will be manufactured to the exact sizes you require.



WHY  
**AkyPak®**  
Picking Bins  
are the  
better choice



- ✓ Low initial cost
- ✓ Lightweight
- ✓ Easy to handle
- ✓ Flatpack for delivery & storage
- ✗ Moisture susceptible
- ✗ Short lifespan (18 mths)
- ✗ Cannot be cleaned
- ✗ Particle shedding (allergen)



- ✓ Medium initial cost
- ✓ Lightweight
- ✓ Easy to handle
- ✓ Flatpack for delivery & storage
- ✓ Moisture resistant
- ✓ Long lifespan (+10 yrs)
- ✓ Ease of cleaning
- ✓ Non-shedding



- ✗ Expensive custom sizes
- ✓ Heavy duty applications
- ✓ Moisture resistant
- ✓ Ease of cleaning
- ✓ High durability (+10 yrs)
- ✓ Non-shedding
- ✗ No flatpack when not in use
- ✗ Limited sizes



# 5 Reasons to choose Polypropylene Solutions

## Need more information ? Contact us !

With physical presence across Europe and the USA, our Sales team will be happy to listen to your requirements.

### France

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## 1. Lower your costs

Robust, durable and offering the flexibility to meet your particular size requirements, polypropylene solutions offer long operational lifespans for comparatively lower initial investment costs making them the most cost effective option compared to cardboard or injection moulded alternatives.

## 2. Optimize process efficiency

Our solutions are lightweight and easy to handle, they can be installed quickly and collapse for maximum space optimization. The added benefits of multiple colour options to assist with the visual recognition of specific pick locations and anti-static additives to prevent dust build up and reduce cleaning, they provide the ideal solution to eliminate costly non-value added time.

## 3. Protect workers' health and safety

Lightweight and ergonomically designed to reduce the risks associated with manual handling, Polypropylene Solutions do not shed allergenic fibres or particulates commonly associated with cardboard and can be offered with optional Anti-Static additives to reduce the risk of employee health issues commonly associated with excessive dust build-up in warehouse environments.

## 4. Ensure the best protection

Polypropylene Solutions are highly resistant to shocks and impacts. Moisture, rust and mold proof, they are the ideal material for heavy logistics or storage use. Complementing these inherent benefits is the option to specify Anti-Static and ESD (Electrostatic Discharge) additives to offer enhanced protection to contents that are susceptible to static build-up such as electronic or electrical components.

## 5. Commit to Sustainability

Our products meet the 3 principles of the Circular Economy: Reduce, Re-use and Recycle. Reduce because they can be made to your exact size, thus no need to select the «next size up». Re-use because with a life span of +20 years there is no need to replace. Recycle because they are 100% recyclable into new products at the end of their useful life.

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[www.corplex.com](http://www.corplex.com)



## About us...

Corplex has more than 50 years of expertise in plastics extrusion and partnership with key account customers in multiple markets. We operate out of seven sales and manufacturing facilities strategically located in France, the United Kingdom, Spain, Slovakia and the USA. Our mission is to work closely with our customers to introduce efficient solutions to reduce the impact of their business on the environment.