



Boost the  
Performance of  
Your Logistics

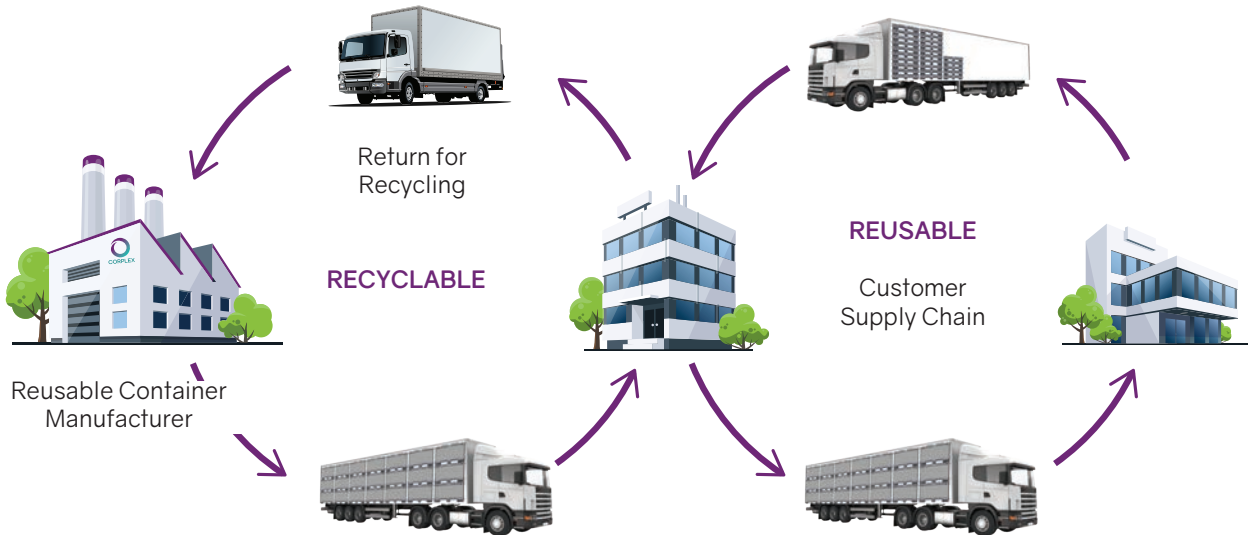


**AkyPak<sup>®</sup>**  
Reusable Containers by Corplex

# AkyPak®

a durable and profitable investment for all markets of industry

## Up to 85% Savings in Return Logistics



### Functionality



Modular, ergonomic  
& adaptable  
containers



Strong, light and  
rigid structure



Stackable &  
foldable

### Profitability



Up to 85% volume  
saving on return



55% savings  
on average



Return on  
investment  
from the 1st year

### Eco Design



100% PP and PE  
Recyclable without  
sorting



Up to 20 years  
service life = limited  
waste



Recycling without  
discharge of VOC,  
recovery by  
re-granulation

### Service



A dedicated team  
of Packaging  
Strategists



Solutions designed  
and manufactured  
from A to Z



A single contact to  
accompany your  
project

## AkyPak Classic

### Fully optimised logistics

- Optimised stacking in 3 separate elements
- Excellent return ratio
- Good weight/strength ratio
- High impact resistance



## AkyPak Advanced

### Efficiency through simplified management

- Return in complete sets
- Maximum ergonomics
- Range of modular and reinforced solutions
- Can be combined with other existing solutions



## AkyPak 4You

### The container designed for your applications

- A dedicated team of experts for your specific requirements
- Adaptation or development of your personalised solution
- A response to different market requirements
- An infinite choice of possible configurations



# AkyPak® Classic



## AkyPak Classic

Image shown when full. Also available in single skin solution AkyPak Classic E.

## Containers can be returned in 3 separate elements

AkyPak Classic is the original standard reference for reusable transit packaging: a three piece container with an excellent return ratio.

Fully recyclable, AkyPak Classic is an ideal solution to protect your goods during transport or storage while maximizing the space with its high volume reduction when empty.

[View video](#)

Three Elements Stacked for Returned Logistics



Lids



Sleeves



Pallets

## AkyPak Classic Return Logistics (3 Separate Elements)



AkyPak Classic Lid



AkyPak Classic Sleeve



AkyPak Classic Pallet

All lids, sleeves and pallets are stacked together for efficient return logistics

## Benefits of AkyPak Classic

- Available in various sizes
- High return ratio
- Good strength to weight ratio
- Bespoke heights
- High impact resistance
- 100% recyclable



Return in  
3 separate  
elements



A wide range  
of dimensions



Lightness




Logistics  
optimisation

Available Dimensions

Model	Outside dimensions (mm)		Useful inside dimensions (mm)*	
	Length	Width	Length	Width
Classic	808	605	728	522
	1000	600	922	525
	1200	800	1130	720
	1200	1000	1120	920
	1500	1200	1430	1130
	1600	1000	1530	930
	1600	1200	1530	1130
	1900	1200	1830	1130
Classic E	1215	1015	1165	965
	1230	830	1160	765

\*Tolerance +/- 5 mm



1 standard truck = 78 full containers\*

1 standard truck = 286 empty returned folded-containers\*


\*Quantities based on 1200x100x790mm container in a standard truck

Up to **85%**  
Savings  
in Return  
Logistics




4 full outbound trucks = <1 inbound truck

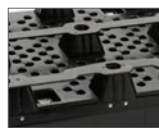
Intelligent finishes




'o-lock' to prevent water penetration



Visual closure indicator



3-skid runners for secure handling



Tabs for secure stacking



# AkyPak® Advanced

## Ergonomic solution returnable in complete sets

AkyPak Advanced is a reusable packaging transit system that can be compacted into a single unit return position to avoid loss of pieces with maximum ergonomics, range of modular and reinforced solutions. In addition, AkyPak Advanced can be combined with other existing solutions.

**Up to 70%  
Savings  
in Return  
Logistics**

### AkyPak Advanced

Picture shows two complete containers, stacked.

[View video](#)

### 1-piece folded container.

Collapsed sleeve is stored inside between the lid and pallet as one for returned logistics (as shown).



Return in sets



Modular



Strong



Ease of use

## Benefits of AkyPak Advanced

- Available in various sizes
- Ergonomics and easy handling
- Compatible with others solutions
- Volume reduced transport



### Advanced M / Modular

This model allows for the combination of different styles and sizes of containers.



### Advanced R / Reinforced

Light alternative solution to fold-down metal containers



### Advanced C / Clean

Hygienic solution with flat deck. [More information on AkyPak Advanced C turn to page #14](#)

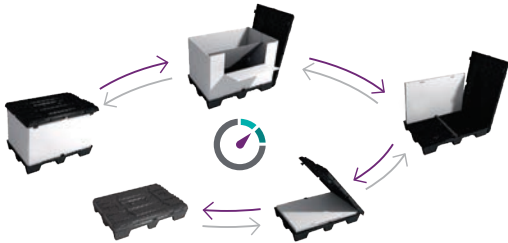
# Available Dimensions

Model	Outside dimensions (mm)		Useful inside dimensions (mm)*		Ease of Use System
	Length	Width	Length	Width	
Advanced	1010	600	925	525	•
	1200	800	1150	750	•
	1212	1012	1135	935	•
	1235	830	1178	772	•
	1240	1040	1170	973	•
	1400	1200	1330	1130	
	1500	800			
	1500	1200	1430	1130	
	1600	800			•
	1600	1200	1530	1130	•
	1650	800			•
Advanced M	800	600	724	520	•
	1200	800	1128	725	•
Advanced R	1230	1020	1180	970	•
	1240	835	1193	793	•
Advanced C	1200	800	1148	737	•

\* Tolerance +/- 5 mm

## Ease of Use System

The three elements are secured together by a flexible strap to enable the containers to be unfolded/folded easily without fastening. With the Ease of Use system that is available on certain models, no additional space is required around the containers for handling. Quick and effective!



## Intelligent finishes



Locks to prevent water penetration



Visual closure indicator



Runners for secure handling



Tabs for secure stacking



Ergonomic handles on lid



Intrusion-prevention indicator



Full Ease Of Use System



Hook to hold the cover on the pallet

## AkyPak® 4You

All-round approach from  
design to production

Your product is special and  
requires a non-standardised  
transport solution.

Call on the recognised know-how  
of our experts in order to develop  
the solution which meets your  
specific requirements.

### Battery Pack Development

In recent years, electric mobility has undergone an exponential increase. Automotive manufacturers have very quickly had to face issues of battery transportation and storage. Bespoke thermoformed packaging solutions in plastic have emerged as a light and strong alternative to facilitate transport while providing optimum protection if dropped.

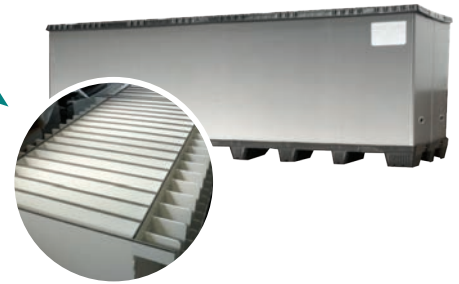
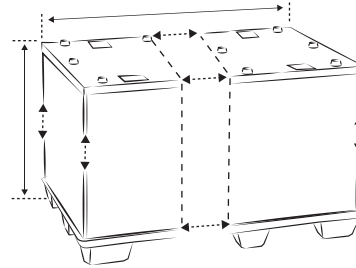
[View video](#)





## The container designed for your applications

if the format or configuration that you require is not covered in our range of containers on offer. In this case, we can produce the container that is perfectly suited to your products and protection requirements

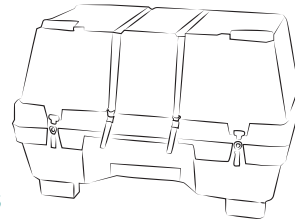


Customised  
**AkyPak 4You**  
Container



## Your ideas, our solutions

Your product is special and you want the perfect container to transport it safely and securely. We can develop an optimised solution for you that meets your specifications.



Functional



Eco-design



Quality service



Customisation  
& development

# AkyPak® Sleeves

## The heart of your protection system

Combined with a pallet and lid, the AkyPak Sleeve is ideal for creating a lightweight and strong container.

Its excellent rigidity is provided by the AkyBoard® bubble structure polypropylene composition. Furthermore, the AkyPak Sleeve is resistant to mould and chemicals.

Fully foldable for a real saving in volume on return, it allows you to optimise storage and logistics, and to reduce your carbon footprint.

## Want to enhance your brand image?

The AkyPak Sleeve is customisable with digital printing, flexographic or screen printing.



100%  
recyclable



Protection &  
safety



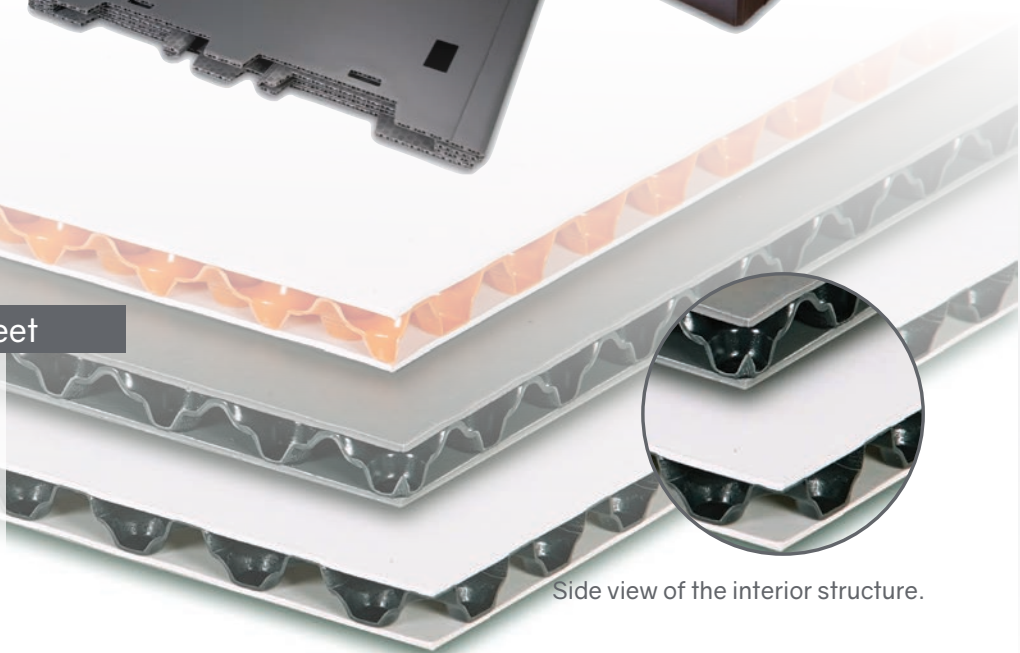
Light & strong



Flat surface  
for printing

## AkyBoard® Bubble Structure Sheet

- Light and easy to handle
- High bubble density for consistent rigidity
- Excellent surface finish
- Non-toxic and suitable for contact with food
- Resistant to chemicals
- Moisture-resistant and rot-proof
- 100% recyclable



Side view of the interior structure.

Technical Characteristics

Materials	AkyBoard® HR		
	10.6 mm 2,500 g/m <sup>2</sup> *	10.8 mm 3,000 g/m <sup>2</sup>	11.2 mm 3,500 g/m <sup>2</sup>

Standard formats	ALL sizes available on all 3 grammages	{	600x800 mm	1500x1200 mm
			1000x600 mm	1600x1200 mm
			1200x800 mm	1900x1200 mm
			1200x1000 mm	*Other available on request

Colours	Grey		
	Other colours available on request		

'M' folding sleeve




'Z' folding sleeve







Intelligent finishes




Label holder or PTFE support for labels




One-colour flexo or screen printing




Notches with welded edges




Rounded edges at top and bottom




Single score



Twin score



Door with Velcro closure system



S-Lock sliding closure system



# Dunnage & Dividers

Safely transport fragile and irregular parts

Dunnage and Dividers are ideal for fragile and irregular shaped components, but they can also be used to improve ergonomics and material handling efficiencies in manufacturing environment.

Our offer includes two types of dividers

## Textile Dividers

Textile dividers are an alternative interior solution for use with returnable containers and boxes, they are the preferred option to hold sensitive or curved component parts safely in position, whilst not creating extra forces in transit.

Dividers that are made from rigid materials are great for larger and stronger engine components in the automotive industry, components like head lamps and mirrors could benefit from textile materials to prevent any kind of scratching.

The textile dividers help to reduce transportation costs as they allow optimized space and parts per packaging. They are also easily foldable and save space in return transit.

Solutions for textile dividers can be fixed into the polypropylene plastic containers or boxes on the production floor to keep them taught and in position. These solutions are available in several different materials such as non-woven fabrics, Tyvek, Evolon, PVC canvas, or textile foam, all of which are materials known for their durability and lightweight.

## Rigid Dividers

Used in containers, rigid fittings or dividers improve easy handling and quick access to the pieces within the packaging. This improves ergonomics and helps to reduce repetitive stress injury.

**Correx®**, **AkyLux®** and **AkyBoard®** polypropylene layer pads can be used as separators or as an alternative to wooden pallets (slip sheet layer pads) and they can be corrosion proof as required. They are particularly useful for major automobile export (CKD) applications; the layer pads enable the optimal arrangement of parts in containers.



## Gallery of a variety of applications inside 3-fold AkyPak containers, metal containers and other applications.



Textile dunnage on AkyPak container



Textile dunnage on metal container



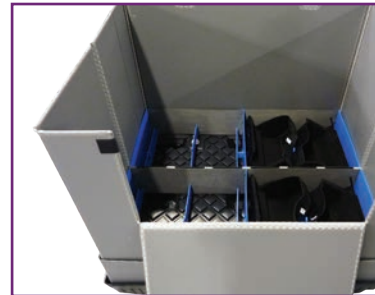
Textile dunnage inside AkyPak container



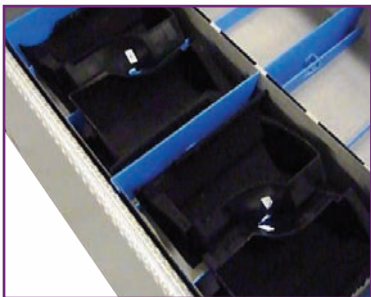
Textile dunnage on metal rack



Rigid dunnage inside AkyPak container



Rigid dunnage inside AkyPak container



Rigid dunnage inside package



Rigid fixture on AkyPak container



Textile dunnage inside AkyPak container



# AkyPak® Advanced C

‘Clean’ containers for markets with high hygiene requirements

Thanks to its flat deck with no cavities, AkyPak Advanced Clean enables the needs of industries requiring a high level of hygiene to be met.

Its lightness, strength and ease of cleaning make AkyPak Advanced Clean the ideal transport solution.



## Did you know?

AkyPak Advanced C was developed with a flat deck specifically to prevent the residues and impurities of standard pallets with 9 legs.

**Easy to clean:** our hygienic solution removes the need for deck layer pads, which eliminates maintenance costs and loss risks.

## Markets



Food Packaging



Pharma & Cosmetics



FMCG & Retail



Hygiene & Beauty

## Characteristics

## Benefits

Flat deck pallet

- Eliminates dirt traps in traditional pallets with 9 legs

Hygienic

- Easy to clean & to wash
- Suitable for an automatic washing line

Long service life

- More durable than other products on the market due to the innovative manufacturing process

High performance

- New load-centring feet design for better mechanical performance

Sustainable

- 100% recyclable HDPE twin-sheet pallet and cover + PP Sleeve

# ESD Solutions

The ideal solution to protect your components

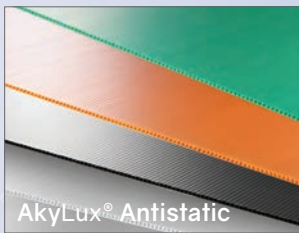
Electrostatic discharge can cause considerable damage to your electronics components. ESD solution for AkyPak range is the optimal choice to protect your sensitive electronics.

We know that your product is unique, as are our solutions. To provide the best protection, our designers will create a bespoke solution by combining the most efficient materials to your needs.

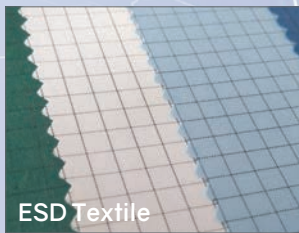
Our complete packaging solution can be fitted with different ESD materials such as Textile, Foam or Rigid Dunnage.



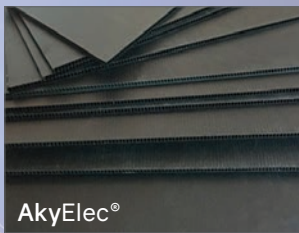
ESD Foam



AkyLux® Antistatic



ESD Textile



AkyElec®

## Technical Characteristics

Surface Resistivity (0hms)	Type	Example
$> 10^{14}$	Insulative	AkyLux®
$< 10^{14}$ to $> 10^{11}$	Antistatic	AkyLux® Antistatic
$< 10^{14}$ to $> 10^5$	Electrostatic dissipative (ESD)	ESD Foam, ESD Textile
$< 10^5$ to $> 10^2$	Conductive	AkyElec®



With 7 production sites in Europe and the US, 7 design departments with laboratory and R&D, Corplex offers its industrial customers a turnkey service in the design and optimisation of reusable packaging solutions.

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