



A hygienic
packaging
solution for the
pharmaceutical
industry

AkyPure®

cGMP-compliant fibre-free packaging by **Corplex**

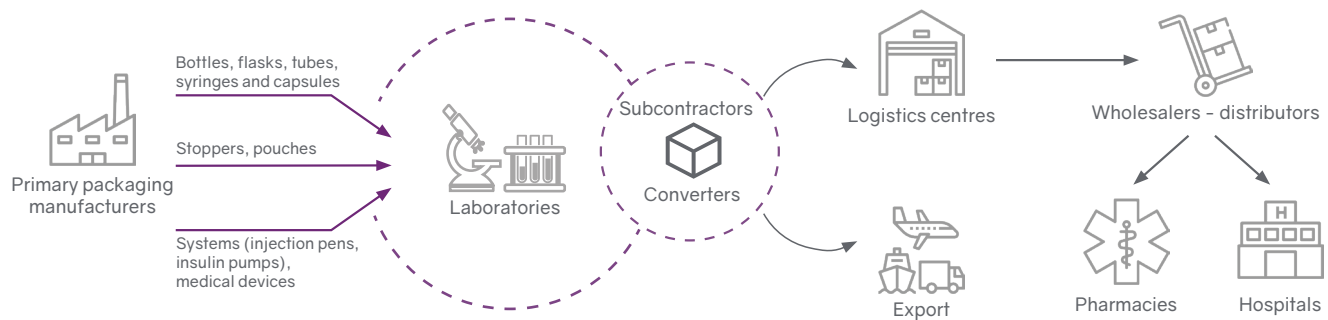
AkyPure®

Corplex packaging solution for the pharmaceutical market addresses all major challenges faced by the industry.

Our secondary and tertiary packaging solutions have been developed in full collaboration with the major players in the pharmaceutical industry.

Packaging that is compliant with the sterile environment

Secondary packaging & logistics



Improve safety



- ▶ Production in dedicated zones within a protected environment
- ▶ Regular audits & guaranteed traceability
- ▶ Guarantee of 100% virgin PP raw material
- ▶ cGMP compliance: ISO 9001/14001, UN, OHSAS 18001

Choose a reliable partner



- ▶ International group with excellent financial strength
- ▶ Network of experts near to you
- ▶ Guaranteed continuity of supply
- ▶ Partner of the major players in pharmaceuticals for more than 20 years

Optimise your supply chain



- ▶ Optimised and tailored packaging design
- ▶ Ergonomic and effective solutions that are easy to use
- ▶ Less handling giving more productivity thanks to the material
- ▶ Solutions suitable for all types of sterilisation

Think sustainable development

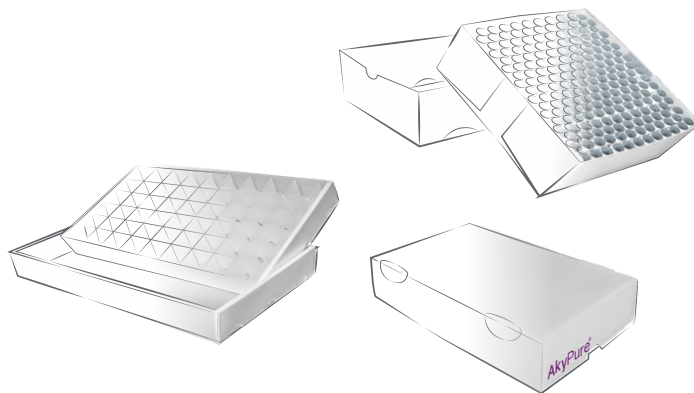


- ▶ 100% recyclable packaging
- ▶ Reduction of carbon footprint through logistics optimisation
- ▶ 0% VOC emissions during recycling
- ▶ Keeping resources and waste to a minimum

AkyPure Trays

To transport your primary packaging in complete safety

- Light, easy to handle
- Wide choice of dimensions
- Possible fittings (dividers, etc.)
- Ideal for transporting bottles, flasks, tubes, etc.



AkyPure Boxes

To protect your pharmaceutical products with a high added value

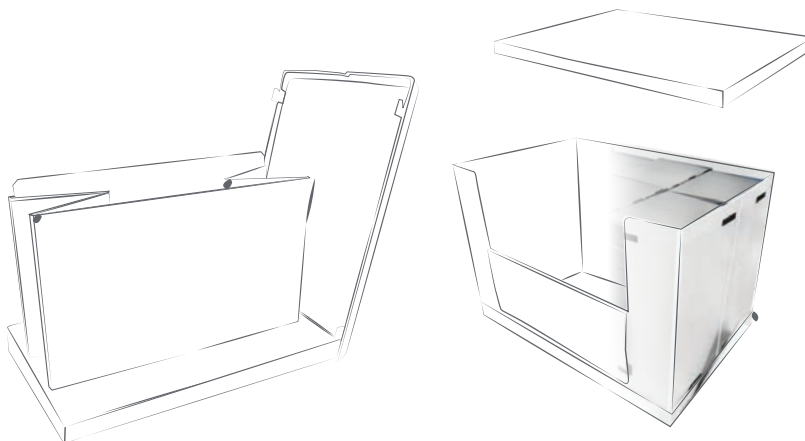
- Folding cartons with separators, securing elements and layer pads
- Ideal to transport pre-filled pouches and syringes, bottles, tubes, needles, injection pens, stoppers, capsules, empty gel caps
- Sterilisable



AkyPure Containers

To store and transport your products with complete peace of mind

- Customised and modular
- 3-element solutions: flat base, sleeve and cover
- Foldable for maximum space saving
 - Easy to implement for simplified intermediate storage



AkyPure[®] Tray

Transport Your
Primary
Packaging
Safely

Comply with the cGMP
production requirements



cGMP compliant trays with customised fittings, allowing the reduction of intermediate repackaging operations. The guarantee of perfect hygiene for your primary packaging.



Applications



Tubes

- Glass
- Aluminium
- Plastic



Bottles

- Glass
- Plastic



Vials

- Glass

Characteristics

Benefits

100% polypropylene design	→	Product that meets pharmaceutical requirements
Possible fittings with dividers	→	Optimum protection for your fragile containers
Multiple configurations or sizes	→	Easy to use and can be tailored to your production equipment
Anti-static	→	Dust prevention
Deliverable flat or assembled	→	Optimisation of your storage space and reduction of your carbon footprint



Business Case

Our solution:

We worked in close collaboration to develop a PP packaging solution with customised interior fittings which was a perfect match for this laboratory's requirements.

Thanks to the AkyPure Tray solution, our customer has increased their productivity and has a completely hygienic and safe packaging at their disposal.

The customer's challenge:

A major player in the pharmaceutical industry was looking for a solution for transporting glass vials from the production site to the laboratory. The aim was to increase their productivity by cutting out the intermediate stages, while still adhering to the clean hygiene conditions in their production environment.



AkyPure[®] Box

Protect Your
Pharmaceutical
Products with High
Added Value

Optimise your process
thanks to cGMP-
compliant packaging

Tailor-made boxes which can
be used in sterile zones to avoid
repackaging operations and
ensure traceability.



Applications



**Aluminium
sachets & bags**
containing
capsules,
powders, etc.



Tubs
containing
syringes



PE pouches
containing
vaccines



Characteristics

Production in dedicated zones within a protected environment



System of micro-perforations (worldwide patent)



100% polypropylene design



Can be personalised through printing



Benefits

Compliant with requirements in terms of hygiene (cGMP standard)

Suitable for EtO sterilisation

Compatible with other types of sterilisation (gamma, autoclave, etc.)

Enhances your brand image

Business Case

The customer's challenge:

The risk of cross-contamination during the transport of capsules was a real issue for this laboratory.

Our solution:

We developed a tailor-made, fibre-free, polypropylene AkyPure case which enables entry into cGMP zones and the reduction of intermediate operations.

Supplied with a re-positionable label, enabling optimum traceability.

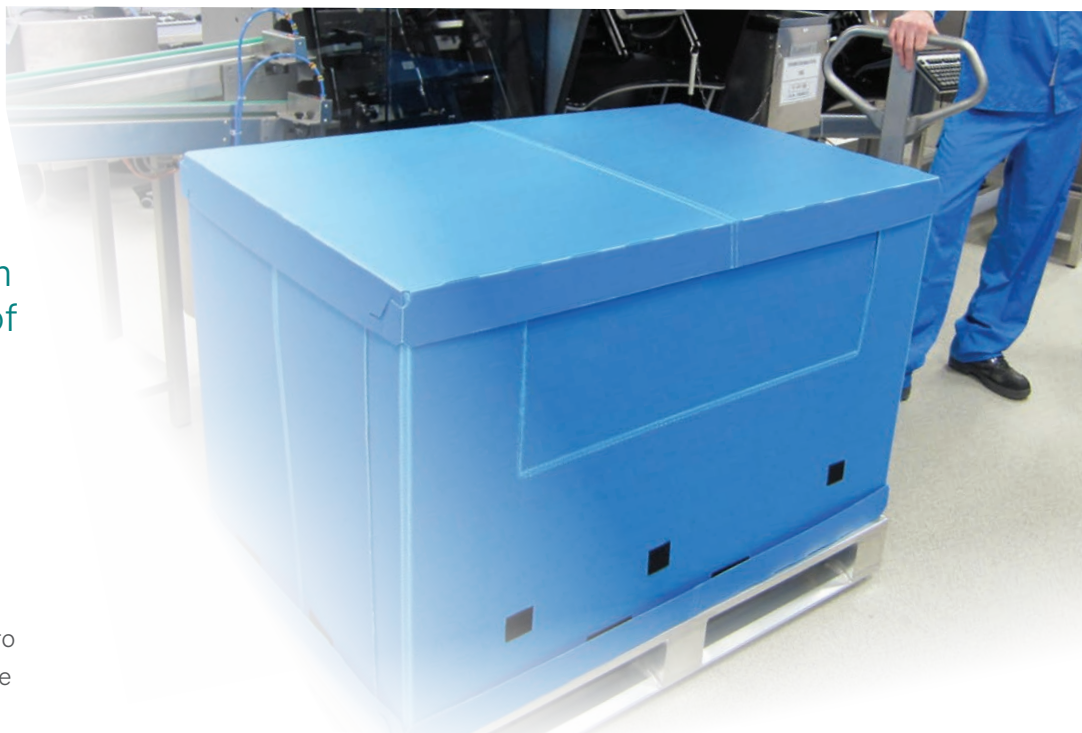


AkyPure[®] Container

Store and Export
Your Products with
Complete Peace of
Mind

Rely on the assets
of PP to ensure
completely hygienic
logistics

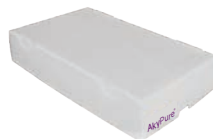
A tailor-made container
solution, perfectly adapted to
your specific needs to ensure
your sensitive products are
protected.



Applications



Sachets & bags
containing bulk
products



Trays
containing flasks,
tubes, bottles, etc.



Tubs
containing pre-
filled
syringes, pens,
etc.

Characteristics

Foldable	→	Optimisation of storage volume Reduction of carbon footprint
Printable (Corona)	→	Contributes to improving your brand image
Customised design	→	Compatible with all types of pallets - plastic, aluminium, wood, etc.
Different types of opening	→	Easier handling and reduction of MSDs
One way or multi-way solution	→	Meets your economic or productivity requirements

Benefits



Business Case

The customer's challenge:

This major pharmaceutical laboratory was looking for a solution that could be used as close as possible to the filling lines and which offered a volume that was compatible with their production rates, capacities and regulations for subsequent storage.

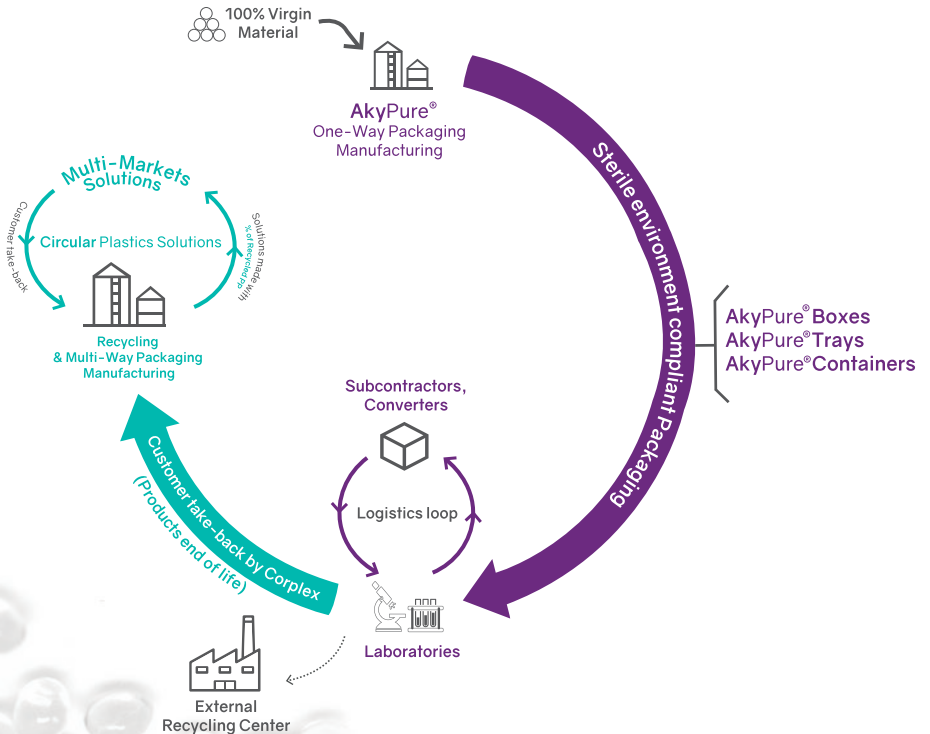
Our solution:

We developed an AkyPure container that is supplied flat and which operators can assemble very easily in a protected zone. This container has been granted the awards needed to guarantee complete safety for subsequent operations, such as storage or shipment to subcontractors.



Sustainability in Pharma

Corplex goes beyond the traditional linear supply chain and economic model to offer products that are **highly reusable**, have a **longer life-cycle** and can be returned, **recycled & re-purposed** at the end of their useful life.



CIRCULAR PLASTICS SOLUTIONS

- Give a second life to your pharmaceutical packaging.
- Corplex is focused on permanent innovations, where measurable results are achieved in a circular economy.
- Thanks to our sustainable **take-back program** Corplex can collect and convert your PP packaging into a new solutions outside the pharmaceutical industry.

Polypropylene, an indispensable ally



Hygienic

Fibre-free and dust-free,
chemically and biologically
inert to prevent any
microbial proliferation



Environmentally friendly
100% recyclable



Ergonomic

Light and easy to handle,
to clean and to sterilise



Strong

Rot-proof and rust-proof,
resistant to water and
mould

As a dedicated partner of the pharmaceutical and medical industry, Corplex has developed a wealth of experience and knowledge that goes well beyond the design and production of the perfect packaging.

MANAGE THE COMPLEXITY

- **Technical support for new project development.** (I.e. In-line automation)
- **Technical support for bespoke projects** (colors or recipes)
- **Prototype or production of low or very low quantities**

CERTIFICATIONS

Delivering the highest standards consistently

Corplex has attained a number of different third party certifications to demonstrate our commitment to compliance in the pharmaceutical industry. We are always looking to achieve more certifications and advance best practice where possible.





With 7 production sites in Europe and the USA, and 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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