



PACKAGING SOLUTIONS FOR THE FOOD INDUSTRY

Circular,
food-safe and
automation-ready
polypropylene
packaging for the
food industry



CORPLEX

PRIMARY, SECONDARY & TERTIARY PACKAGING

DRIVING EXCELLENCE across the Food Ecosystem

With over 50 years of expertise in plastic transformation and a strong European manufacturing network, Corplex is a trusted partner for the food industry.

Our deep understanding of reusable and circular packaging solutions enables us to develop tailor-made products that meet the specific requirements of food applications, from ensuring product safety and preserving freshness to optimising logistics across the cold chain and enhancing on-shelf appeal.

We offer a comprehensive range of primary, secondary, and tertiary packaging solutions, available in both single-use and reusable formats, designed to adapt to the diverse needs of food production, distribution, and retail.

By combining industrial precision, consistent quality, and sustainable innovation, Corplex supports food brands and producers in streamlining their operations while delivering durable, efficient, and value-driven packaging solutions. Corplex supports food producers, retailers and supply chain partners with innovative polypropylene packaging solutions designed for:
Direct food contact - Reusable Shelf Ready Packaging - Returnable logistics packaging - High speed industrial processing - Recyclability and circularity

SHAPING Sustainable Plastic Solutions

At Corplex, we transform plastic into smart, circular and sustainable solutions for industries worldwide. Our purpose is clear: to close the loop on plastic, turning waste into valuable resources while helping our partners **build more efficient and eco-friendly supply chains**.

Our mission is to **design, manufacture and deliver innovative plastic solutions** that drive performance, reusability and sustainability.

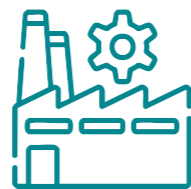
CORPLEX **KEY FIGURES**



+550
employees



+20 world
class designers



5
plants



+50
years of
experience

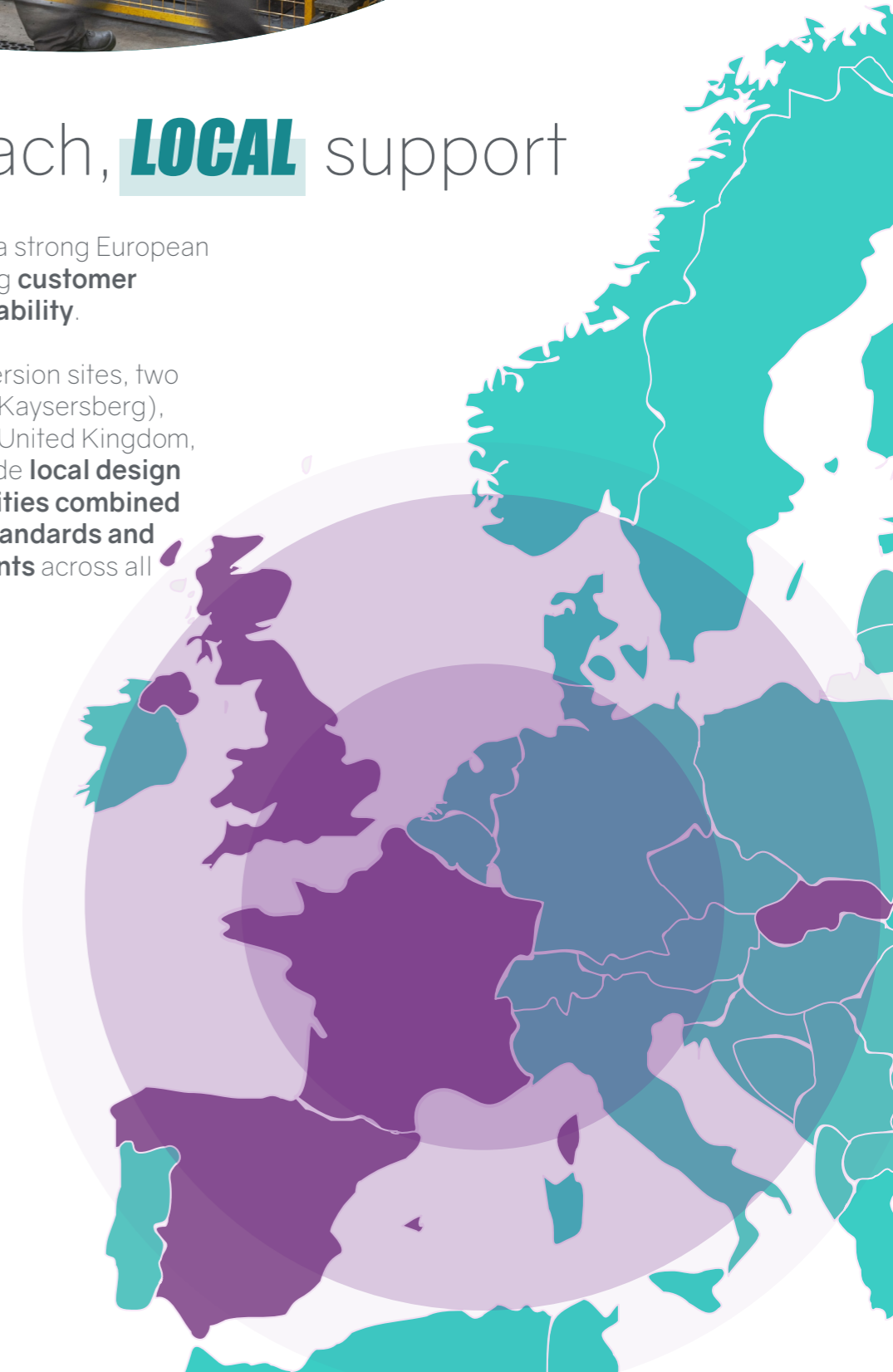


GLOBAL reach, **LOCAL** support

Corplex operates through a strong European industrial network, ensuring **customer proximity and supply reliability**.

With five extrusion & conversion sites, two in France (BRC certified in Kayserberg), one in Slovakia, one in the United Kingdom, and one in Spain, we provide **local design & manufacturing capabilities combined with consistent quality standards and sustainability commitments** across all facilities.

This strategic footprint enables us to serve our partners efficiently, with optimised logistics, reduced lead times, and a lower environmental impact.



The food industry **IN FAST-FORWARD**

The food industry is under increasing pressure to redesign packaging systems that are safer, lighter, more circular and more efficient.

Across Europe, food producers and retailers are facing a combination of major market drivers:

- Monomaterial instead of multimaterial
- Stricter sustainability regulations such as PPWR
- Rising EPR and environmental fees
- Increasing retailer requirements for recyclability
- Pressure to reduce packaging waste
- Growing need for automation compatibility
- Demand for packaging that works across complex supply chains

At the same time, food packaging must consistently deliver the highest standards in: product protection, food safety compliance, humidity and fat resistance, cold chain performance, industrial efficiency, shelf visibility and retail execution.

This means the food industry must now combine:

FOOD SAFETY + RECYCLABILITY + INDUSTRIAL EFFICIENCY + RETAIL PERFORMANCE

Corplex helps food producers respond to this transition with a range of polypropylene packaging solutions designed to support both operational performance and long-term circularity.

WHY **NOW?**

- **PPWR** is accelerating packaging redesign
- Retailers increasingly demand **design-for-recycling solutions**
- Packaging must run on **existing high-speed lines**
- Circular packaging is shifting **from ambition to implementation**

One packaging material, **MULTIPLE FOOD APPLICATIONS**

A COMPLETE **POLYPROPYLENE ECOSYSTEM FOR FOOD PACKAGING**

Corplex develops polypropylene (PP) packaging solutions covering the entire food packaging value chain.

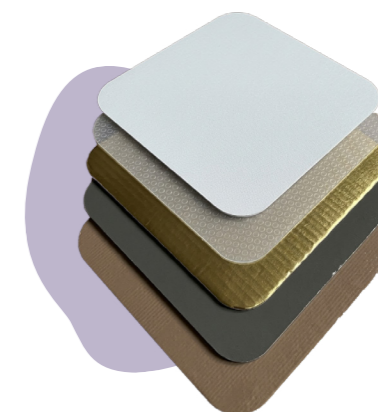
Polypropylene offers a unique combination of advantages for the food sector:

- Excellent resistance to humidity
- Strong resistance to fats
- High mechanical strength
- Suitability for chilled and frozen environments
- Long-lasting performance in reusable applications
- Full recyclability within established PP streams

Our food packaging offer covers the three key packaging levels used by food producers and retailers:

PRIMARY PACKAGING

- Packaging for direct food contact
- Single-use and selected reusable concepts



SECONDARY PACKAGING

- Reusable Shelf Ready Packaging (SRP)
- Reusable display solutions
- Reusable transport packaging

TERTIARY PACKAGING

- Reusable containers
- Pallet sleeve solutions
- Layer Pads
- Warehousing solutions



PRIMARY PACKAGING

FOOD-SAFE POLYPROPYLENE SOLUTIONS for direct food contact

AkyPak® Foodsafe Tray *Primary single-use*

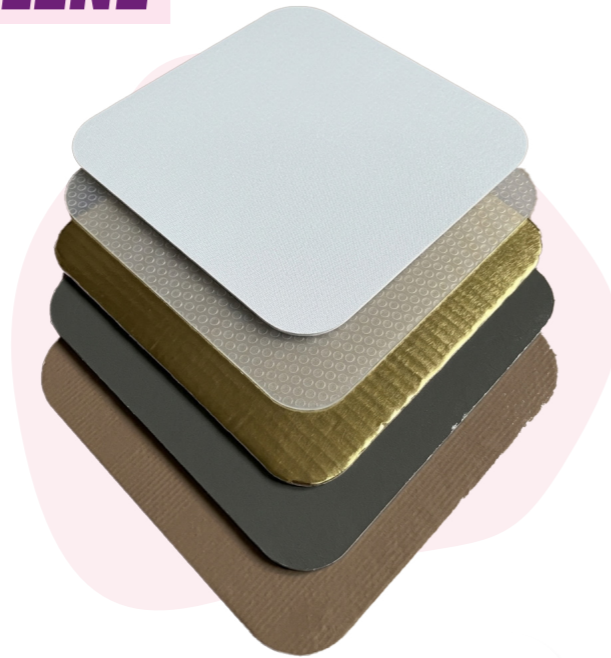
Corplex develops **polypropylene packaging solutions for direct food contact**, designed to replace traditional multi-material trays with a circular monomaterial alternative.

These solutions are designed for food applications where packaging performance must combine:

- Compliance for direct food contact
- Excellent product protection
- Compatibility with industrial production lines
- Improved recyclability
- Attractive shelf presentation

A comparative analysis of material usage shows that switching from traditional cardboard trays to Corplex polypropylene board solutions **significantly reduces material consumption**.

This transition enhances resource efficiency while maintaining the required structural performance of the packaging requirements.



TYPICAL APPLICATIONS

Fish & seafood

- smoked salmon
- fresh fish
- seafood products

Meat & poultry

- fresh meat
- poultry products
- chilled protein applications

Charcuterie & deli

- sliced meat products
- deli packaging formats

Dairy and fresh food

- cheese
- chilled prepared foods

Bakery & confectionery

- cookies
- bakery trays
- dessert supports

Other food categories

- pizzas
- pancakes
- tortillas
- fresh ready-to-eat categories

SCALABLE across multiple food categories

Food producers are increasingly seeking packaging solutions that are not only sustainable, but also **standardised, efficient and scalable** across product ranges.

To support this, packaging structures must:

- Simplify material combinations and reduce complexity
- Improve recyclability through monomaterial solutions
- Maintain high performance throughout the supply chain
- Ensure compatibility with existing filling and packing lines

THE ADVANTAGES of polypropylene board

Corplex polypropylene (PP) board solutions enable this transition by providing a **versatile and high-performance material platform suitable for multiple food applications**.

Our solutions combine:

- A lightweight structure for efficient handling and transport
- Food-safe compliance for both direct and indirect contact applications
- Excellent moisture resistance in chilled and humid environments
- Reliable performance across chilled and frozen supply chains
- Full recyclability within existing PP streams

This makes Corplex solutions ideal for developing standardised, reusable SRP concepts that can be deployed across multiple food categories while maintaining performance and sustainability.

AkyPak® Reusable boxes *Primary reuse*

AkyPak Reusable boxes are designed to deliver **performance, durability, and food safety** for the fresh produce sector. Engineered to protect fruits and vegetables throughout the supply chain, they help preserve freshness thanks to their resistance to moisture and temperature variations. Their lightweight yet robust design ensures easy handling while optimising transport and storage efficiency.

Among their key advantages, **closed-edge technology** stands out as a key feature: it prevents the ingress of water, dust, and contaminants, enhancing hygiene and simplifying cleaning and disinfection processes. This design also reinforces the overall structural strength of the boxes, ensuring a longer service life even under intensive use.

Reusable and fully recyclable, these boxes support a circular economy approach, offering a sustainable and innovative alternative to single-use packaging while meeting the high standards of the food industry.

CUSTOM DESIGN & PRINTING

Increase product visibility, shopper navigation and enhance product appeal with eye-catching, custom-printed shelf-ready packaging. Corplex delivers high-quality printing that attracts attention and drives engagement in-store.



SECONDARY PACKAGING

REUSABLE SHELF READY PACKAGING for the food retail market

AkyPak® SRP Solutions

Shelf Ready Packaging (SRP) plays a key role in enhancing both retail execution and supply chain efficiency for food producers and retailers. It enables:

- Faster and more efficient in-store replenishment
- Enhanced product visibility and stronger shelf impact
- Reduced handling time and labour costs
- Improved on-shelf availability
- Significant reduction of single-use packaging waste

Corplex develops reusable polypropylene (PP) SRP solutions designed to replace traditional corrugated packaging with durable, circular and high-performance alternatives.

Our solutions are engineered to:

- Support both manual operations and automated packing lines
- Be collapsible or nestable for efficient return logistics
- Withstand multiple reuse cycles without loss of performance
- Ensure consistent strength, hygiene and product protection

The result: a future-proof SRP solution that combines operational efficiency, retail performance, and sustainability.



KEY SRP DESIGN PRINCIPLES

Effective reusable Shelf-Ready Packaging (SRP) balances shopper appeal with operational efficiency. Unlike traditional corrugated solutions that generate immediate waste, Corplex's reusable PP solutions replace the single use with a durable, multi-cycle approach.

Key Benefits:

- **Retail Efficiency:** Easy shelf replenishment and improved shopper navigation
- **Sales Performance:** Increased product visibility and improved shopper appeal
- **Supply Chain Efficiency:** High stacking strength combined with nestable or foldable designs for efficient return flows
- **Circular Design:** Foldable design for repeated use cycles



RETAIL PERFORMANCE MATTERS

Beyond sustainability, reusable SRP acts as a **strategic lever to enhance in-store performance**. While the initial unit cost may be higher, Corplex solutions generate measurable ROI by offsetting costs through return loops, operational efficiencies, and waste reduction.

Key Value Drivers:

Operational Efficiency: Accelerates replenishment and streamlines handling.

Sales Impact: Enhances product visibility and on-shelf availability while strengthening brand presentation.

Product Performance: Superior protection reduces damage during logistics compared to single-use alternatives.

Waste Reduction: Eliminates single-use packaging, supporting circular economy objectives.

PRODUCT FAMILIES

Corplex offers a versatile range of reusable SRP solutions tailored to specific food retail segments. Each product family is customizable by format and branding to meet distinct logistical and hygiene needs:

Dry Food: Optimised for ambient stacking and fast replenishment.

Dairy: Chilled-ready, moisture-resistant, and hygienic.

Fruits & Vegetables: Robust, breathable designs to preserve freshness.

Chips & Snacks: Lightweight stability with strong impact.

Frozen Food: Engineered for cold-chain performance and durability at low temperatures

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SECONDARY PACKAGING

REUSABLE SECONDARY PACKAGING for internal flows & food distribution

Food producers operate increasingly complex logistics flows, where packaging must ensure product protection, efficiency and circularity, from production lines to distribution centres and co-packers. Corplex develops reusable secondary packaging solutions that replace single-use materials such as cardboard and shrink film, while improving performance across the entire supply chain.

AkyPak® Reuse Boxes & Trays

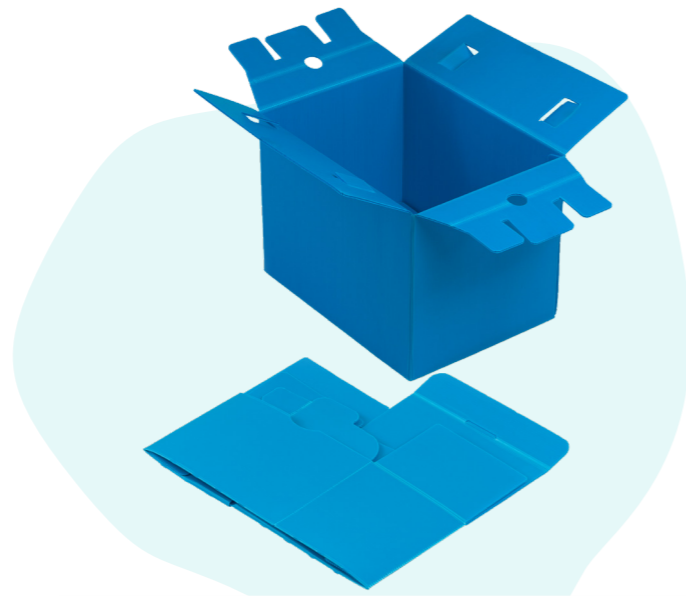
Reusable transport solutions for food logistics

AkyPak® Reuse boxes and trays are designed to safely handle and transport a wide range of food products, from primary packed goods to semi-finished products.

They combine **mechanical strength, food safety and durability**, ensuring consistent protection and hygiene throughout the supply chain.

Fully customisable:

- Tailored dimensions & formats
- Internal fittings for protection & separation
- Track & trace integration (RFID, QR, labels)
- Compatible with automated systems



OPTIMISED FOR INTERNAL FLOWS

Designed for intensive use in food environments:

- Inter-site transport between plants
- Intralogistics within factories
- Distribution to co-packers & logistics partners
- Return loops from DCs and retailers

Robust construction enables **safe stacking, efficient handling and product protection.**

MAXIMUM LOGISTICS EFFICIENCY

- Stackable when loaded: **optimise transport**
- Foldable/nestable when empty: **reduce return costs**
- High folding ratio: **minimise storage space**
- Lightweight & durable: **improve ergonomics**

Lower transport costs, better warehouse efficiency

FROM SINGLE-USE TO REUSE

Replace:

- Cardboard boxes (FEFCO)
- Shrink film
- Disposable trays & separators

With a Circular solution that improves:

- Durability:** multiple reuse cycles
- Hygiene:** easy to clean, non-porous
- Consistency:** stable quality over time
- Cost efficiency:** reduced total cost of ownership

DESIGNED FOR THE FOOD INDUSTRY

- Food-safe compliant
- Resistant to humidity, fats & temperature variations
- Suitable for chilled & cold-chain environments
- Compatible with industrial production speeds

A SCALABLE REUSE PLATFORM

AkyPak® Reuse is part of a broader system applicable to:

- Internal production flows
- Transport packaging
- Distribution systems
- Integration with containers, sleeves & layer pads

KEY VALUE DRIVERS

- Operational efficiency

Streamlined handling and reduced manual operations

- Supply chain performance

Improved product protection and reduced damage

- Sustainability

Significant reduction of single-use packaging

- Cost optimisation

Lower long-term costs through reuse

FLOOR DISPLAYS REUSABLE & RETAIL-READY

Reusable solutions can also extend to floor displays, combining transport, presentation and in-store efficiency.

Direct flow from DC to shelf: no repacking

Robust design: protects products during transport

High-quality finish: strong brand visibility

Fully customisable: campaigns, promotions, standard ranges

A **sustainable alternative** to disposable displays, improving efficiency across the supply chain.

CUSTOM DESIGN & PRINTING

Increase product visibility, shopper navigation and enhance product appeal with eye-catching, custom-printed shelf-ready packaging. Corplex delivers high-quality printing that attracts attention and drives engagement in-store.



TERTIARY PACKAGING

REUSABLE LOGISTICS SYSTEMS for the food supply chain

AkyPak® Containers

AkyPak® Containers are a **durable, three-part reusable transport solution**, comprised of a pallet base, foldable sleeve, and lid, consisting to protect a wide range of food products.

Fully compatible with standard logistics, these lightweight yet robust systems **can be customised with internal fittings** to secure specific goods throughout the supply chain. Their high folding ratio significantly reduces return transport costs and storage requirements, ensuring a more efficient and ergonomic flow from production to retail.



AkyPak® Sleeve Solutions

Compatible with standard wooden and plastic pallets, AkyPak® foldable sleeve solutions integrate seamlessly into existing logistics operations without requiring any specific modifications.

The sleeves fit securely onto commonly used pallet formats, ensuring excellent stability during storage, handling, and transportation. This compatibility allows food industry players to leverage their existing pallet fleets while benefiting from a reusable, protective, and space-efficient packaging system.

By combining the strength and widespread availability of wooden pallets with the durability and foldability of AkyPak® sleeves, these solutions provide a practical, cost-effective, and sustainable alternative to traditional packaging.



AkyPak® Store

AkyPak® Store is a smart storage and picking solution designed for the food industry, combining efficiency, durability, and space savings.

Made from twin-wall polypropylene, it offers excellent resistance to moisture and impact while remaining lightweight. Customizable and foldable, it streamlines operations, reduces storage space, and supports a more sustainable, cost-effective approach from production to distribution centres and retail outlets, supporting a more efficient and resilient food supply chain.

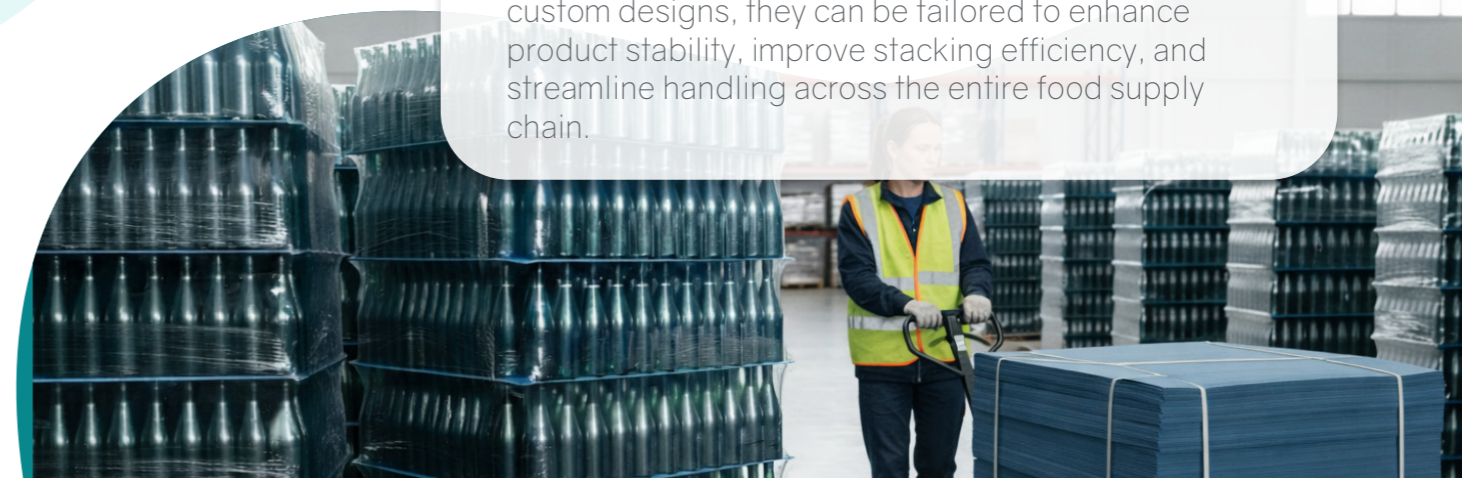


AkyPak® Layer Pads

AkyPak® Layer Pads are **reliable and hygienic separation solutions** designed for the specific needs of the food industry. Made from high-quality corrugated plastic, they provide excellent **protection for packaged goods, bottles, cans, and fresh produce** during storage and transport. Their smooth, non-porous surface ensures easy cleaning and resistance to moisture, making them ideal for demanding food environments.

Lightweight yet durable, Corplex layer pads can be reused multiple times, helping to reduce waste and optimise logistics costs.

Available in a **wide range of sizes**, thicknesses, and custom designs, they can be tailored to enhance product stability, improve stacking efficiency, and streamline handling across the entire food supply chain.



DESIGN beyond standards

Corplex provides the food industry with **fully bespoke solutions**. Our integrated design, manufacturing, and converting expertise ensures we meet the unique challenges of every client.

By centering our process on customer requirements, we deliver specialised primary, secondary, and tertiary packaging designed to optimise the entire supply chain.

POLYPROPYLENE MADE SOLUTIONS

Corplex solutions are designed from extruded polypropylene sheets. Leveraging over 50 years of extrusion expertise, we offer three distinct, industry-recognised sheet technologies:



FULLY CUSTOMISABLE & PRINTABLE

Available in various grammage, thicknesses, our PP sheets can also be personalised to meet your brand identity thanks to our printing capabilities. (Digital, Flexo, Screen)

SUSTAINABLE AT THE CORE

DESIGN FOR RECYCLING

- Monomaterial Solutions (PP)
 - PP sheets (fluted/bubble core)
 - PP film lamination available
- Standard and NIR detectable PMS colors
- Corplex take-back program

CUSTOM RECIPES AVAILABLE

- Certified PCR Polypropylene
- Biobased content
- Virgin & Recycled content

INNOVATIVE DESIGN, FINISHES & CUSTOMISATION OPTIONS

CLOSED-EDGE TECHNOLOGY

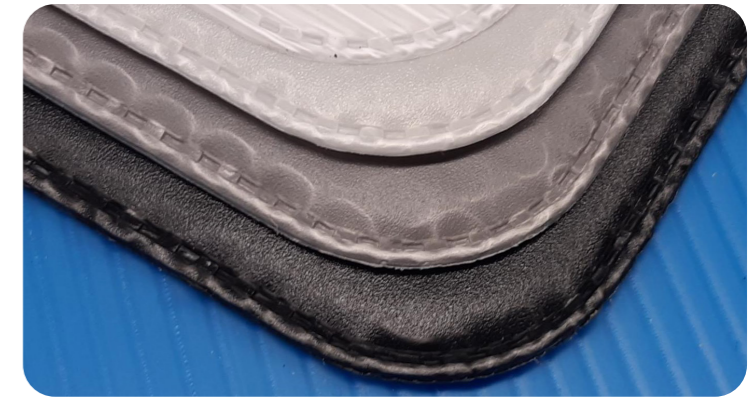
For applications requiring frequent cleaning for reuse, Corplex solutions can be designed with closed edges. This feature prevents the ingress of water, residues or contaminants into the material structure, ensuring:

- Improved cleanability
- Enhanced hygiene performance
- Longer product lifetime in reuse systems

Closed edges are particularly relevant for:

- reusable packaging loops
- food production environments with washing processes
- applications exposed to moisture or liquids

Designed to support safe, durable and hygienic reuse operations



WATER-PROOF DESIGN

Depending on the application and design, Corplex packaging solutions can be engineered to offer enhanced liquid resistance or watertight performance.

The concept enables liquid resistance and tight sealing through its engineered design and adapted folding mechanism, ensuring secure closure and protection where required.

This functionality is not standard to all solutions, but can be developed on demand based on your product and process constraints.

Particularly relevant for:

- fresh food and protein applications (meat, fish, ready meals)
- high-moisture environments
- reuse systems requiring cleaning and washing



PP LAMINATION FINISHES

Personalise your solution with PP lamination. Compare to cardboard laminated solution, PP lamination allows full recyclability at the end of use.

Available finishes:

Gold / Silver PP film lamination
Printed PP lamination

A comparative analysis with a Corplex customer showed that switching from the current cardboard with PET lamination solution to Corplex polypropylene (PP) board trays can reduce material usage by up to 40% for a 180 x 190 mm format in 340 gsm. For larger formats, the material reduction can be even higher.





WHY WORK WITH CORPLEX?

- Proven expertise and **EUROPEAN INDUSTRIAL PRESENCE**
- **STRONG TRACK RECORD** with majors logistics actors
- Integrated **DESIGN, MANUFACTURING AND RECYCLING** capabilities
- **INNOVATION & SUSTAINABILITY** are our core values

Circular Plastics Solutions

As a leader in plastics extrusion, Corplex is committed to designing and producing lightweight, efficient solutions made from high-quality materials specifically chosen for their durability. Our mission, embodied in our tagline, is to lead the way in advancing the circular economy for plastics by collaborating closely with our customers to foster sustainability through reuse and recycling.

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