THE FUTURE OF READY MEALS SOLUTIONS

PACCOR

OUR PRODUCT COMMITMENT

FOREWORD

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PACCOR

COMPREHENSIVE SERVICE AND ADVICE

As a reliable partner, we offer our customers comprehensive consulting in an open dialog and accompany them from idea to market launch.

ALWAYS ONE STEP AHEAD

With more than 20 years of experience, our experts develop future-proof solutions with state-of-the-art materials and innovative technologies.

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OUR READY MEALS PORTFOLIO

In order to optimally protect our customers' high-quality ready meals, we offer a wide range of packaging solutions with various features, shapes, and designs.



THE FUTURE IS SUSTAINABLE

PACCOR has signed the New Plastics Economy Global Commitment to sustainably eliminate plastic waste and the pollution it causes.

PROTECTING **DELICATE GOODS**

Protecting our customers' sensitive products in the best possible way is our top priority. With our innovative and sustainable packaging solutions, we ensure that our customers' high-quality ready meals are optimally protected from the packaging process to sale and consumption.



We develop sustainable and high-quality packaging solutions for our customers that guarantee the best possible protection for their products. In doing so, we not only pay attention to the packagings form and function, but also to aspects such as sustainability, cost-effectiveness, and rapid market delivery. Although we offer a wide range of standardized packaging solutions with a variety of shapes and design variations, materials, properties, and technologies, certain products require an individual process.

Processed foods in particular, such as soups, pasta, vegetables, meat, and rice, have special packagings needs and require a high-performance solutions. They should be highly retortable, have a long shelf life of up to 12 months, and be suitable for use in the microwave or oven. Thanks to our expansion techniques, we achieve a significant reduction in the packagings weight and density, making it resistant to acids, fats, oils, and hydrocarbons. In addition, our high-barrier material provides outstanding protection against steam, gases, and aromas. On this basis, we offer our customers high-quality developed packaging to protect their diverse products optimally and sustainably.

Our dedicated team of packaging experts, consisting of designers, engineers, testing specialists, and marketing experts, are working continuously on improving the properties and materials of our packaging solutions. In doing so, we keep the functionality, cost-effectiveness, and sustainability of our products while we deliver the most optimal results for our customers. When creating a customized solution, we support our customers throughout the entire development process, from idea generation to product launch.

Bruno Frech, Key Accounts Director Processed Food

SERVICE & CONSULTING

REDUCING THE TIME TO MARKET

We offer our customers comprehensive services and advise them on the development of their projects, from the computer-aided design (CAD) stage to market launch. It is important to us that an open dialog is established, forming the basis for a trusting partnership.



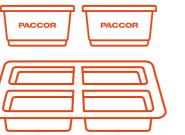


MODEL **SAMPLES**

Simulation of, among other things, new formats, thickness distribution, stacking, volume, and functionality in CAD and 3D designs.

COMPREHENSIVE **APPROACH**

Carry out a complete analysis of the polymer formulations used to produce the sheet that is most suitable for the packaging process and for food preservation throughout its lifetime.





PACKAGING **STANDARDIZATION ANALYSIS**

Production of prototype molds for the correct standardization of materials and packaging properties, both from the perspective of barrier characteristics and with regard to industrial production.

COMPLETE

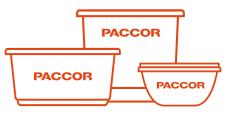
Carrying out complete tests and analysis of all the properties of the packaging in our R&D laboratory, including its structural properties such as compression, stacking, transport, and its functions.

PROTECTING **YOUR PRODUCTS**

with expertise in ready meals packaging







FAST **EVALUATION**

Rapid prototyping of samples to evaluate the different options.





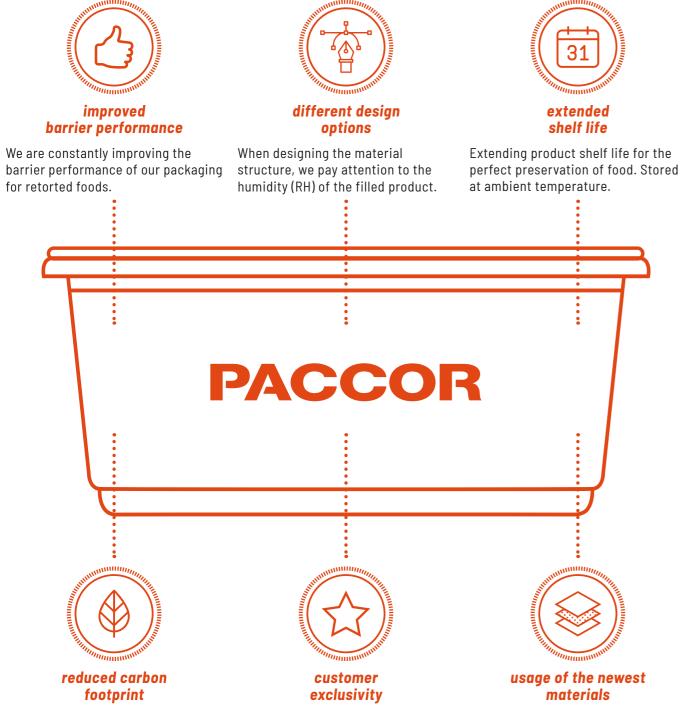
SUSTAINABLE SOLUTIONS

Managing environmental impact is an important factor in our customers' packaging strategy. Our materials offer a greatly reduced carbon footprint compared to metal cans or glass jars.

DEVELOPMENT & INNOVATION

CONSTANTLY IMPROVING

We have more than 20 years of experience with EVOH barriers and have developed food packaging and materials for an ever-increasing number of applications.



The carbon footprint is an important We have developed custom-fit factor in the development of sustainable packaging for our customers. Therefore, we are constantly working on improving them.



packaging for retorted foods for an ever-growing number of applications that can be used for soups, rice, pasta, meat, and vegetables.

A new generation of EVOH offers excellent gas barrier properties and good processability.

with expertise in ready meals packaging

PROTECTING YOUR PRODUCTS



OUR READY MEALS PORTFOLIO

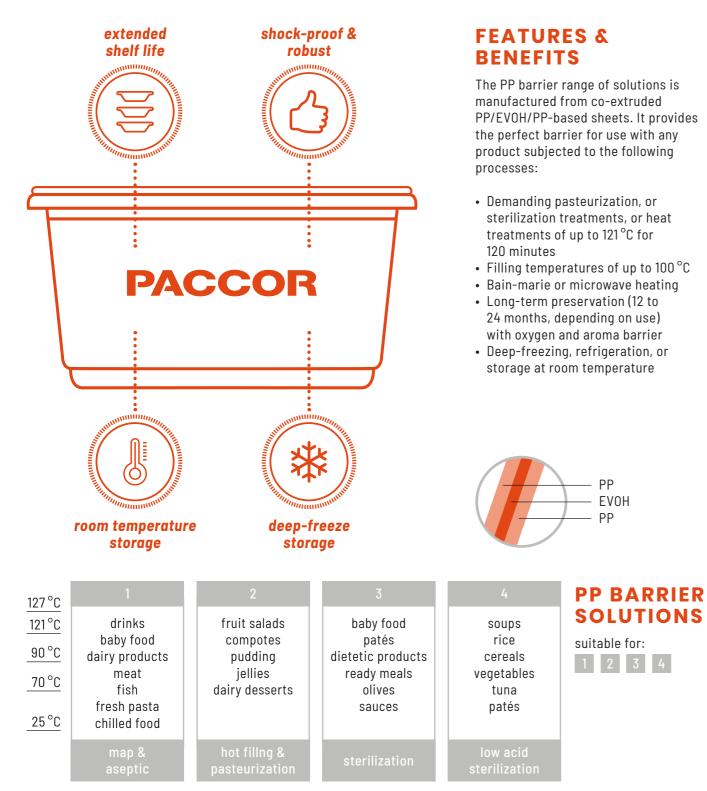
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PACCOR



OUR PRODUCTS

PP BARRIER PACKAGING & FFS* APPLICATIONS



OPENING SIZES:

<i>diameter</i>	71 mm	75 mm	80 mm	84 mm	89.5 mm	93 mm	95 mm	101 mm	130 mm	180 mm
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EDV BARRIER APPLICATIONS

* Form Fill Seal







SOME EXAMPLES OF **OUR PP BARRIER SOLUTIONS**



PP SOLUTIONS PREFORMED & FFS APPLICATIONS



OPENING SIZES:

L×W/ dimension	148.5 x 132.1 mm	227 x 178 mm (1, 2 or 3 compartments)	142 x 142 mm	187 x 137 mm
<i>diameter</i>	160 mm			

OUR PRODUCTS

SOME EXAMPLES OF **OUR PP TRAY SOLUTIONS**







FEATURES & **BENEFITS**

- Exciting and modern designs with easy customization options
- Perfect product presentation
- Multiple colors, including highly transparent versions with antifog features
- Suitable for hot fill and retort processes
- Microwaveable and suitable for storage in hot booths
- Produced to meet the highest requirements of modern filling lines
- Many possibilities to develop customized solutions
- Efficient calculation (in our CDI)

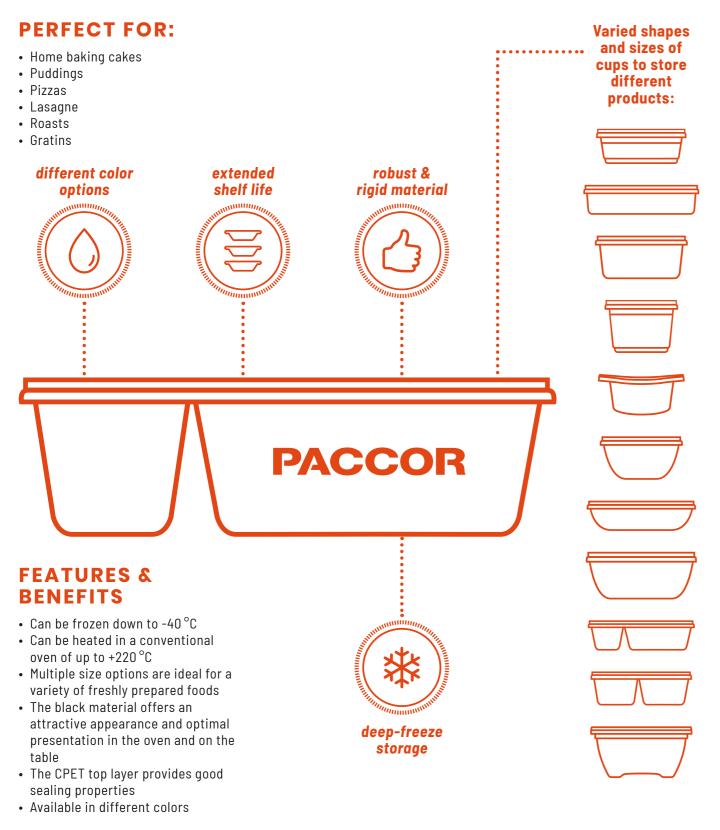
PERFECT FOR:

- Microwaveable ready meals
- Food-on-the-go products
- Home meal replacements

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OUR PRODUCTS

CPET SOLUTIONS



OPENING SIZES:

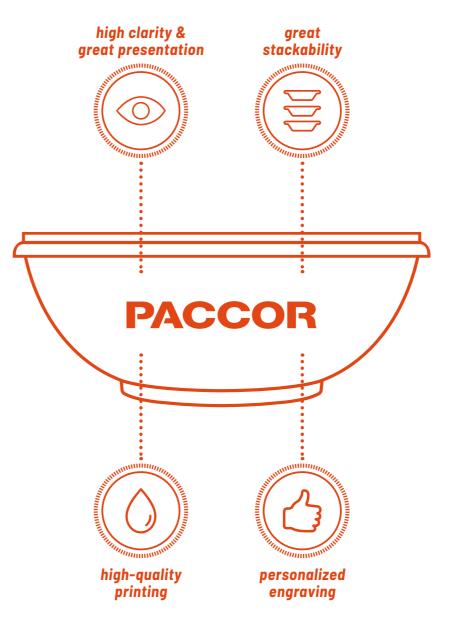
\ L×W / dimension	155.5 x 126.5 mm	170.6 x 126.5 mm	200 x 155 mm	214.7 x 127.1 mm	
	200 x 200 mm	202 x 136 mm	160 x 160 mm		

SOME EXAMPLES OF **OUR CPET SOLUTIONS**





rPET SOLUTIONS PREFORMED & FFS APPLICATIONS



OUR PRODUCTS

SOME EXAMPLES OF **OUR rPET SOLUTIONS**





FEATURES & BENEFITS

- Great stackability and maximization of shelf space
- Modern and minimalist designs
- Multi-capacity shapes allow perfectly optimized selection
- User-friendly with simple opening and closing processes
- Tightly closing lids guarantee food safety and freshness
- Fantastic clarity maximizes presentation, with strong emphasis on product visibility
- Eco-friendly as made from rPET

PERFECT FOR:

• Prepared salads

ECOLOGICAL **EFFICIENCY**

Our rPET range is manufactured with up to 100 % crystal clear rPET, making it a viable alternative to virgin PET. By striving for zero-waste production, we manage to maximize material usage by processing post-consumer PET and skeleton waste into rPET in a combined process. As raw materials are sourced locally, this is an important step towards a full circular economy. It also enables a significant reduction in CO, emissions, which is an important part of our sustainability strategy.

SUSTAINABILITY

THE NEW PLASTICS ECONOMY **GLOBAL COMMITMENT**

PACCOR is among the more than 400 organizations that have signed The New Plastics Economy Global Commitment. Signatories include an impressive range of the world's largest packaging producers, brands, retailers, and recyclers, as well as governments and NGOs.



To sustainably eliminate plastic waste and the pollution it causes, we have signed The New Plastics Economy Global Commitment. It requires that 100% of plastic packaging can be easily and safely reused, recycled, or composted by 2025. We take this commitment very seriously on behalf of all our business partners. This is a significant step in the implementation of our sustainability strategy.

Our focus is on:

- Optimizing product design and material use
- Creating innovative solutions to deliver 100 % recyclable products by 2023
- Increasing the proportion of recycled and recyclable materials in new products
- Continuously improving our processes

We are already realizing these goals: Our rPET range consists of 80% or more rPET.

The use of post-consumer material is an important element of our sustainability strategy. The implemented decontamination technology allows us to convert postconsumer PET from general waste collection systems back into material that can be used for new food-safe packaging. This solution has already been used at our production sites in Poland, France, the Netherlands, and the UK.

In this way, we support the EU's goals of increasing the number of recycling opportunities and reducing the use of single-use products made from plastics that are difficult to recycle. PET collection rates are steadily increasing. By recycling PET, we achieve energy savings of around 60 % and more than 70 % lower carbon dioxide emissions compared to virgin materials.

CREATING SOLUTIONS WITH MANY BENEFITS

We listen to our customers' needs and developed a 100 % rPET container for the food-to-go market. The rPET range is thermoformed from up to 100 % rPET and is fully recyclable thanks to PACCOR's post-consumer PET decontamination technology.

Visualization of tailor-made packaging: concept by PACCOR's Center for Development & Innovation

FEATURES & BENEFITS

- Safe, with a tight closure
- Reclosable to prevent food waste
- Easy to handle with smooth opening
- Recyclable & made from recycled PET to reduce plastic waste



- Sealable
- Special, resealable lid that fits all container sizes
- Antifog treatment of the lid for high visibility of the food
- Existing standard range and tailor-made products

CUPS & LIDS

PACCOR

DELISEAL

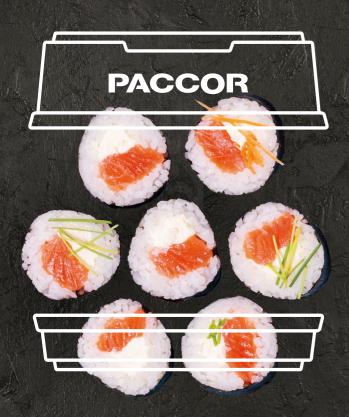
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DISCOVER MORE OF OUR COMPREHENSIVE PACKAGING SOLUTIONS

PACCOR

available at paccor.com

SUSHI TRAYS



CONTAINERS





PUBLICATION INFORMATION

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