



SUSTAINABLE COFFEE POD SOLUTIONS

OUR PRODUCT COMMITMENT

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COFFEE WITHOUT COMPROMISE

Learn more about our approach to creating a unique in-line thermoforming process for single-serve coffee pods that provide both: high quality coffee and sustainability.



COMPATIBILITY IS KEY

Thanks to our compatible designs, we are the only producer on the market who is able to offer a variety of capsules matching different machines.



PURPOSE-DRIVEN DESIGN

Together with our partners from around the globe we developed sustainable pod solutions, designed to provide best-in-class protection, flavor, and aroma. Find out more about our products and materials.



RECYCLABLE SOLUTIONS

By teaming up with numerous partners along our value chain, we make sure to develop state-of-the-art packaging solutions. Read more about our latest sustainability achievements.





OUR APPROACH

MORE TASTE, LESS WASTE

As a signatory to the New Plastic Global Commitment, we want 100% of plastic packaging to be safely recycled. Therefore, we did not just develop another single-serve pod solution but instead started a compostable coffee capsule revolution. Thanks to our innovative materials engineering team, our capsules provide a great aroma barrier and can be recycled.





OUR APPROACH

DESIGNED TO BE COMPATIBLE

Our single-serve capsules are designed and crafted for high performance in single-serve brewing systems. The qualities of our cup enable you to deliver an exceptional consumer experience for ease of use, compatibility with brewing systems, and protection of the exceptional flavor and aroma of your brand. Thanks to our compatible designs, we are the only producer on the market who is able to offer a variety of capsules matching different machines.

WITH PACCOR AS YOUR PARTNER YOU HAVE THE FREEDOM TO CHOOSE FROM 3 DIFFERENT CAPSULE DESIGNS.

1



K-CUP

POLYPROPYLENE K-CUP COMPATIBLE

Our PP K-CUP compatible solution has been developed to meet or exceed the market performance specifications for shelf life and sustainability. It runs with great consistency and efficiency in high-speed fill-and-seal equipment.

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2



NESPRESSO™

RECYCLABLE NESPRESSO™ COMPATIBLE

Our Nespresso™ compatible capsule has outstanding low leakage during brewing and produces excellent coffee. We can supply Recyclable PP barrier capsules offering a long shelf life and high sustainability performance.

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3



DOLCE GUSTO®

RECYCLABLE DOLCE GUSTO® COMPATIBLE

Our capsules for use with Dolce Gusto® machines possess outstanding low leakage during brewing and can be used for coffee and other beverages such as chocolate, latte macchiato, and many more. Its recyclable PP barrier ensures a long shelf life and high sustainability performance.

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OUR PRODUCTS

K-CUP COMPATIBLE

Our mission: to produce high-quality cups from a more sustainable PP material. Our development and innovation team, in collaboration with our industry-leading technology partners, has created and installed two state-of-the-art inline systems for pellet-to-pod production. Our capsules are a breakthrough when it comes to sustainability.

pellet-to-pod production



seven-layer sheet structure



proprietary material structure

FEATURES & BENEFITS

- Best-in-class protection against oxygen to preserve the flavour and aroma of your product.
- State of the art for precise control of 7-layer high-barrier structure, which is the key to extending shelf life and preserving the quality of your product.
- Consistent, high-speed thermoforming with cut-in-place die-cut technology to ensure predictable and repeatable quality and performance on all filling lines.
- Most automated forming systems in the industry to enhance efficiencies and reduce human interaction to protect food safety.

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PROTECTING YOUR PRODUCTS

with expertise in coffee packaging



PROTECTING YOUR PRODUCTS

with expertise in coffee packaging



OUR PRODUCTS

NESPRESSO™ CAPSULE COMPATIBLE

Our Nespresso™ compatible pod solutions have many benefits: The recyclable material combinations provide consistent quality and enable high-performance production.

seven-layer
sheet structure



sustainable
solution



recyclable



outstanding
low leakage

FEATURES & BENEFITS

- State of the art for precise control of 7-layer thin gauge sheet structure
- Excellent oxygen barrier properties
- Consistent, high-speed thermoforming
- Finished pods are automatically stacked, conveyed, and packed with minimal human contact

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DOLCE GUSTO® CAPSULE COMPATIBLE

In 2020 we also began providing a Dolce Gusto® compatible solution in PP barrier. The combination of recyclable material, design, and excellent performance in production have led to our strong reputation in the coffee capsule business.

seven-layer
sheet structure



sustainable
solution



outstanding
low leakage



PP as recyclable
material

FEATURES & BENEFITS

- State of the art for precise control of 7-layer thin gauge sheet structure
- Excellent oxygen barrier properties
- Consistent, high-speed thermoforming
- Finished pods are automatically stacked, conveyed, and packed with minimal human contact

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PROTECTING
YOUR PRODUCTS
with expertise in coffee packaging



OUR MATERIALS

INDUSTRY-LEADING TECHNOLOGY

Together with our partners from around the globe, we have developed an in-line thermoforming process for sustainable, single-serve coffee pods. Both, our material structures and the production lines are ground-breaking inventions within the packaging industry.



PURPOSE DRIVEN MATERIAL STRUCTURES

With more than 20 years of experience of processing EVOH, we at PACCOR have transferred our know-how in barrier materials to provide barrier structures for coffee capsules. Depending on the purpose of a product, our customers can choose between different material structures - which meet all different kinds of requirements. Our aim is to provide tailor-made solutions to best meet the needs of our clients and our environment.



PP BASED

MULTILAYER MATERIAL STRUCTURE

PP

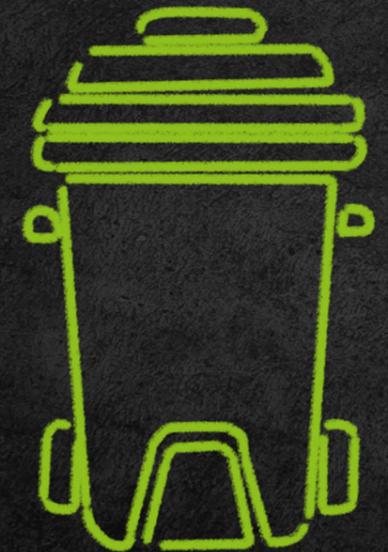
- Structural layer
- High heat resistance and stiffness
- Excellent water vapor barrier
- Recyclable material

EVOH

- High heat resistance
- High oxygen and aroma barrier specification
- Special EVOH grades

MASTERBATCHES

- Broad tailor-made range of masterbatches
- Specially developed for coffee capsules





OUR MATERIALS

**THESE THREE
ARE ONE OF A KIND**

**K-CUP
COMPATIBLE POD**



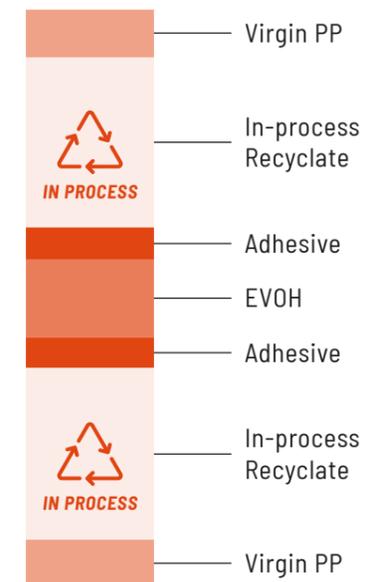
**NESPRESSO™
COMPATIBLE POD**



**DOLCE GUSTO®
COMPATIBLE POD**



PP MATERIAL STRUCTURE



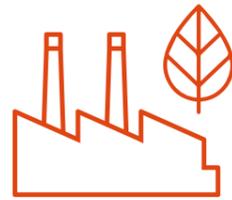
KEY FACTS OF THE LATEST DEVELOPMENTS

At PACCOR, we find solutions that are driving the shift towards a sustainable circular economy within the packaging industry. By teaming up with numerous partners along our value chain, we make sure to develop state-of-the-art packaging solutions – on behalf of future generations. Find out more about our latest achievements.



PP FOR PODS

The most frequent material of choice for pods is PP (polypropylene), a plastic material that has been identified to replace PS (polystyrene) based on the greater number of municipal programs that support PP recycling.



POST-CONSUMER RECYCLING

We at PACCOR have developed a PP material structure such that it is reclaimable in a material recovery facility (MRF) based on material density that allows it to float. Plastics that float retain value for sale as post-consumer recycled (PCR). Plastics that sink are frequently classified as mixed and retain less value for sale by recycling companies.



SUSTAINABLE SOLUTIONS

Our manufacturing systems are designed for circularity. Today we are able to re-use at least 98% of in-process recycled PP material.

PROTECTING YOUR PRODUCTS

with expertise in coffee packaging



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