



PACCOR

**THE FUTURE OF BEVERAGE
SERVICE SOLUTIONS**

OUR PRODUCT COMMITMENT

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THE FUTURE IS SUSTAINABLE

Learn more about PACCOR's key values and how we lead the transition towards a circular economy in the sector by protecting future resources.



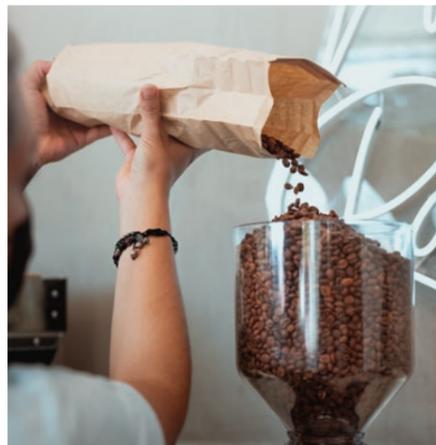
PACCOR CUP2REUSE

Our beverage service solution is cost-effective to produce and protects our planet at the same time: the reusable and recyclable polypropylene cup.



CREATING YOUR PERSONALIZED CUP

We offer our customers a range of standardized and customized cups. Learn more about PACCOR's decoration technique, which increases brand visibility on our Cup2ReUse.



OUR HOT AND COLD CUPS

To optimally protect our customers' high-quality beverages, we offer cups for hot and cold use.

SUSTAINABILITY

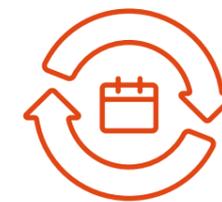
THE FUTURE IS SUSTAINABLE

Plastic will continue to play an essential role in the future economy, especially when it comes to protecting our food, beverages, and other valuable goods. No other material can match its outstanding characteristics in terms of weight, shock resistance, and hygiene. Plastic is a very durable material and can be recycled many times. To ensure that the material does not end up in our environment, we must be part of the sustainability solution and move away from a linear plastics economy towards a circular system.



THINKING OUTSIDE THE BOX

For PACCOR, thinking outside the box, is more than a mere cliché. We are a development partner. From the beginning of the creative idea until the end of the production process: we think beyond the box!



EXTEND THE LIFE CYCLE OF OUR PRODUCTS

To do this, we are constantly innovating. We make use of new technologies and investments that reduce the ecological impact of our products over time.



AT PACCOR WE WANT TO PROTECT SOCIETY AND OUR PLANET

That's why we came up with CARE, our sustainability strategy. Its four key points are Circularity, Alliances, Resources, and Employees. It also covers non-financial indicators.

PACCOR CUP2REUSE

We realize that it is our responsibility to keep our ecological footprint as small as possible. We are constantly monitoring the latest developments in the field of environmentally-friendly plastics and production methods. We aim to lower the consumption of our planet's limited resources. Therefore, it is extremely important to work with reusable alternatives that can positively impact the environment and be produced cost-effectively on a large scale.

When focusing on the beverage service industry, PACCOR offers both single-use and reusable packaging solutions.

To increase circularity in single-use cups, we introduced the "Circular Events" concept to keep plastic in a closed loop. Moreover, we entered into a partnership with Digimarc Corporation. The objectives of this partnership are to develop and commercialize a solution for high-speed sorting of plastic packaging items with Digimarc digital watermarking, for the purpose of increasing the recyclability and circularity of the plastic packaging products.

For reusable alternatives, our primary solution for waste-free packaging is the reusable and recyclable polypropylene cup.



WHY REUSABLE?

The biggest advantage of our waste-free polypropylene cup is, of course, its reusability. When comparing a reusable cup to a single-use cup made of alternative materials, one must consider multiple environmental impact factors. These include cleaning systems for reusable cups and the life cycle waste of a single-use cup.

A study by The LCA Centre¹ looked at the global warming potential or GWP throughout the life cycle of both reusable and cardboard cups. It showed that waste-free cups reduce CO₂ eq by 20 to 30 percent after two uses and by 64 to 82 percent after 30 uses compared to popular, single-use paper cups that are not included in a closed-loop economy.

WHY RECYCLABLE?

Our Cup2ReUse is made of polypropylene, also known as the "steel" of plastics. Polypropylene or PP is generally considered a "tough" or non-breakable material with low density. This makes it a very lightweight material and thus reduces the ecological impact of our cup. Furthermore, the food-certified material is flexible and

can withstand extremely high and low temperatures. This is essential to our story.

Polypropylene is classified as a thermoplastic. This means it will turn to liquid at its melting point and can be molded into any desired shape. This process can be repeated several times without much degradation to the plastic.

At the end of its life cycle, a polypropylene cup can be melted down entirely and recycled into a new cup.

INNOVATIONS AND NEW TECHNOLOGIES

PACCOR is constantly working to develop new technologies and environmentally-friendly plastics and production methods.

By reducing the weight of our materials and possibility of using bioplastics, we ensure that the ecological impact of our cups decreases over time. Furthermore, through our innovations in oxygen barriers, we can offer our customers ecological alternatives to tin and glass.

¹ ECOCORE® ZERO WASTE CUP™ LCA – environmental impact study summary, 2020

MINIMIZING OUR ECOLOGICAL FOOTPRINT IN THE BEVERAGE SERVICE INDUSTRY

The main principles that we follow are minimizing waste and pollution, reusing products and materials, and employing them in the economy once again. This extends the life cycle of products and goods and reduces waste to a minimum.



CREATING YOUR PERSONALIZED CUP

PACCOR delivers high-performance solutions that add real value to our customers' products by adapting to their design language. Learn more about PACCOR's decoration techniques, which increase brand visibility.

COMMUNICATING THROUGH CUPS

Introducing PACCOR Cup2ReUse, our reusable and recyclable range of products into your business and environment is an ecological choice. It is a way of communicating with your customers and expressing your sense of responsibility towards our planet and its limited resources.



STANDARDIZED AND CUSTOMIZED CUPS

At PACCOR, we offer a range of standardized and customized cups. Our durable decoration techniques enable us to provide a second way of communicating with end consumers.

By adapting our cups to our customers' design language, we encourage them to increase their brand visibility and brand awareness. Communicating through our reusable and recyclable cups is a clear win-win solution.

WHERE LABEL AND PACKAGING BECOME ONE

Applying visual branding elements such as logos or patterns to a cup can be a mistake when poorly executed. Therefore PACCOR only opts for durable techniques which ensure qualitative and beautiful results.

With in-mold labeling (IML), a pre-printed polypropylene label is placed in the cup mold. When liquid polypropylene is added, it fuses with the label, producing a cured and solid cup.

At PACCOR, we have in-depth knowledge of IML and use highly innovative technologies at our in-house production site.



FEATURES & BENEFITS OF IML

- Strong, durable, scratch-resistant, and hygienic
- Can resist significant changes in temperature: perfect for the hottest chocolate or the coldest summer beer
- Ensures a brilliant and long-lasting color quality
- The most ecological choice: label and cup consist of the same material and thus can both be fully recycled

HOT AND COLD BEVERAGE CUPS

PERFECT FOR:

- Festivals
- Amusement parks
- Schools
- Company offices
- Takeaway businesses



FEATURES & BENEFITS OF HOT BEVERAGE CUPS

- Reusable and recyclable cup
- EcoCore skin-foam-skin walls provide material reduction and thermal insulation
- Long-lasting decoration quality

ECOCORE SKIN

The foam provides thermal insulation to keep beverages warm for a longer time. The cup is well-insulated on both the outside and the inside. The excellent insulation properties ensure that our conventional cup is easy to hold when it contains coffee at 70°C.



CUP2REUSE FOR HOT BEVERAGES

DESCRIPTION						
Cup for hot beverages 0,25 l	Blue, Flecked grey*	80 x 94 mm	250 ml	PP	264	40
Cup for hot beverages 0,43 l	Blue, Flecked grey*	90 x 113 mm	430 ml	PP	165	40

*Other colors available on request

SIP-THROUGH LIDS FOR HOT BEVERAGES CUPS

ARTICLE CODE	DESCRIPTION						
90005558	Single use for 250 ml cup	White	80 mm	n.a	PP	20 x 50	-
90005556	Single use for 430 ml cup	White	90 mm	n.a	PP	12 x 85	-
90005557	Reusable for 430 ml cup	White	90 mm	n.a	PP	20 x 48	-

FEATURES & BENEFITS OF COLD BEVERAGE CUPS

- Reusable and recyclable cup
- Non-breakable & light
- Easy to customize with logo or graphics

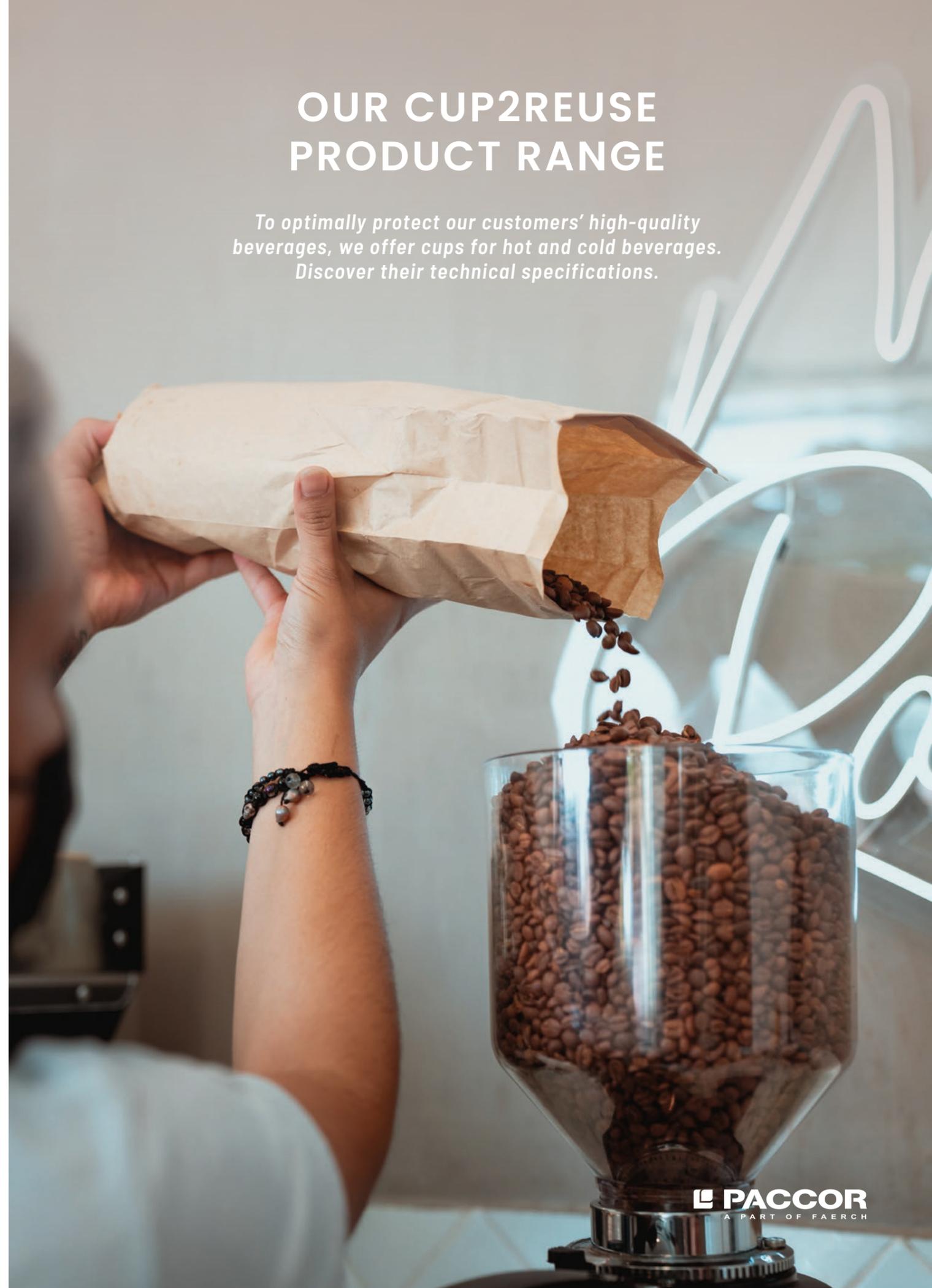


CUP2REUSE FOR COLD BEVERAGES

DESCRIPTION						
Cup for cold beverages 0,25 l	Clear	75 x 107 mm	250 ml	PP	288	40
Cup for cold beverages 0,30 l	Clear	77 x 118 mm	300 ml	PP	288	40
Cup for cold beverages 0,50 l	Clear	90 x 138 mm	500 ml	PP	150	40

OUR CUP2REUSE PRODUCT RANGE

To optimally protect our customers' high-quality beverages, we offer cups for hot and cold beverages. Discover their technical specifications.



PUBLICATION & COPYRIGHT INFORMATION

Text and concept according to CD: deBottomline.be

CONTACT INFORMATION

We hope you have enjoyed reading our approach to sustainable packaging solutions. For further information please contact: sales@paccor.com

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