

Sustainable Solutions

Frozen food



walki



What drives us

A zero-waste future

Our mission is to contribute to the global resource efficiency efforts by developing energy and material efficient solutions for our customers. Walki's product solutions are designed to bring value to customers in many different markets: from sustainable materials for packaging applications to energy saving performance materials.

Keeping your goods fresh and safe

Shelf-life, hygiene and high barrier properties are top priorities in materials that come in contact with food. Our products offer best-in-class functionalities for all purposes. Safety is ensured by means of an HACCP management system. The processes comply with all major quality systems and food and safety standards.

Continuously improving

Our aim is to continuously find smarter ways to do things and the innovation process has always involved our partners and customers. Bringing lighter and more sustainable materials to the market is what drives us. All products are tested in our laboratory, on a pilot machine and with customers, ensuring maximum functionality. We want our innovations to make the difference.

We bring you a sustainable and circular future.



At Walki, our mission is to accelerate the world's transition to a zero waste future. Walki's innovative solutions are designed to help the brand owners create value for their customers and speed up the transition towards sustainability.

Packaging challenges

Walki solutions

Brand owners look for the best technical qualities, haptics and printing properties.



Material know-how, converting technologies, design and printing excellence are Walki's tools to create outstanding packaging solutions.

Consumers are increasingly interested in sustainability throughout the whole value chain.



Offering a wide range of products made of recycled and recyclable fibre and/or film materials, circular and bio-based.

Difficult to recycle



Recyclable fibre-based packaging is an excellent sustainable choice for frozen food as the packaging is both recyclable and made from renewable resources.

Lamibel®MDO-PE solutions make it possible to produce mono-laminates based on PE, which are fully recyclable and made from a single material.

Distributors and retailers appreciate packaging that is lightweight and durable.



Innovating and tailoring to fit the needs of our customers. Such as sealing efficiency, resistant to prevent breakage/loss/spillage and stiffness in monomaterial film.

A tailor-made packaging for any shape.



We design and deliver high quality sustainable packaging solutions for all type of packaging (doypack, flowpack, pillow-pack, pouches, trays, etc.)

Reduce food waste



Walki offers a wide range of fibre- and film-based solutions that help brand owners prolong shelf-life without adding more waste.

Legislation is pushing the trends towards circularity.



Material compliant with the European Plastics Strategy. By 2030, all plastic packaging placed on the EU market must be reusable, compostable or recyclable.



Walki®EVO Seal and Walki®Opti Seal for recyclability and excellent barriers

Easy-to-Recycle Paper-Based Packaging



Recyclable &
Renewable

Walki®EVO Seal and Walki®Opti Seal are intended especially for pillow-pouches for frozen food. Walki®EVO Seal is based on paper packaging with dispersion coating as barrier against water vapour and grease, while Walki®Opti Seal has an optimised PE-extrusion coating.

Both are suitable for all kinds of frozen food: vegetables, seafood, bakery products to name a few. With this material you get good machinability and high speed on filling lines. The pouches can also be heat-sealed with tight seams.

The dispersion coating makes Walki®EVO Seal recyclable in the waste-paper stream without any separation process, while the minimised PE-coating on Walki®Opti Seal makes it suitably to be recycled with paper with an acceptable fibre yield.

Lamibel®MDO-PE for a puncture resistant barrier

Design for recycling and replacement of mix materials



Compared to standard PE, MDO-PE film has higher stiffness and transparency.

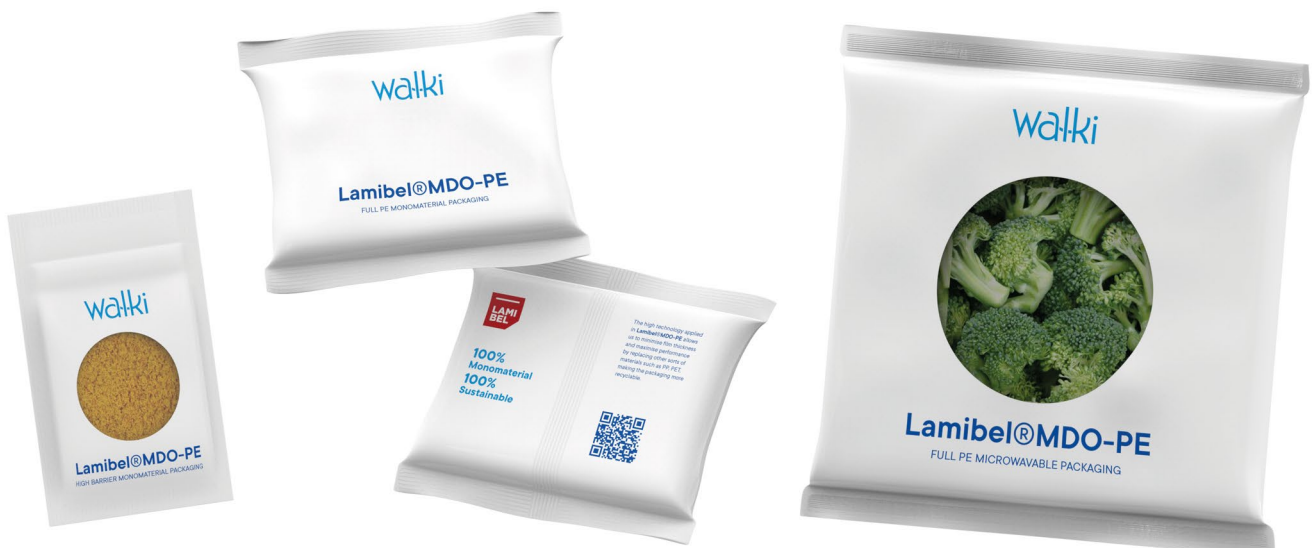


Recyclable & Monomaterial

Lamibel®MDO-PE is a material for pillow-pouches for frozen seafood made of reverse printed MDO-film and solvent-free laminated low sealing LDPE. Thanks to the MDO technology, the film thickness is minimized while performance is maximized by replacing other sorts of materials such as PP- or PET-films. The combination of two PE-films is making the packaging fully recyclable in the plastic stream. The stretched MDO-film has better optics with high

stiffness and mechanical properties than standard PE. The film can also be transparent, allowing the consumer to see the product.

Lamibel®MDO-PE has a high resistance to tearing or breakage, which prevents loss and spillage in packaging. Some frozen food come with sharp edges and require special attention to the puncture resistance of the packaging. Monomaterials such as MDO-PE are used thanks to its high durability standards. In addition to providing excellent barrier and sealing properties, MDO-PE also maintains the packaging's functional properties even when frozen. The mechanical strength is high also at very low temperatures. It is an ideal material for all type of packaging (doypack, flowpack, pouches, etc.) and all kind of frozen food like vegetables, sharp-edges seafood and bakery.





Walki®Pack Tray

Making the tray fit for paper recycling without losing functionality



Recyclable &
Renewable

Walki®Pack Tray is a tray for frozen ready-made meals, designed to replace aluminium, plastic or plastic-coated trays. It offers many benefits: it is easy to fill, transport, store and also makes meals more convenient. The fibre-based tray is safe to use in microwaves and in conventional ovens up to 220°C for up to 60 minutes. The tray can be tailor-made with or without release surface. It is available with a white or brown food-contact surface. It's 100% PET free and recyclable in the paper stream.

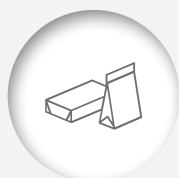
Frozen food helps us reduce food waste and global CO₂ emissions. But that alone won't do the trick. You also need to have the right kind of packaging.



We contribute with our actions

Walki Group is a leading, international producer of technical laminates and protective packaging materials. It is specialised in the production of fibre based, intelligent, multilaminate products for markets as diverse as energy saving facings and construction membranes to barrier packaging applications. Walki's expertise in multilaminates provides a solid base for our production of barrier board, lining materials and flexible materials.

Our production facilities are located in Europe and Asia. To best cater to our global customers, we aim to continue investing in state-of-the-art production facilities and promoting our tradition of innovation and exceptional service worldwide.



**Consumer
Packaging**



**Industrial
Packaging**



**Engineered
Material**