

Barrier Lining

Corrugated Board



A close-up, macro photograph of green pine needles, filling the background with a soft, out-of-focus texture. The needles are sharp in the foreground and blur into a green bokeh in the background.

What drives us

Transforming materials towards a circular future

Walki transforms materials for a circular future and towards a sustainable society. We are an industry-leading advanced materials conversion specialist delivering transformative, sustainable solutions to solve the most demanding challenges in packaging and the built environment. We design and produce packaging and technical materials that meet the highest functional properties and key sustainability targets.

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.

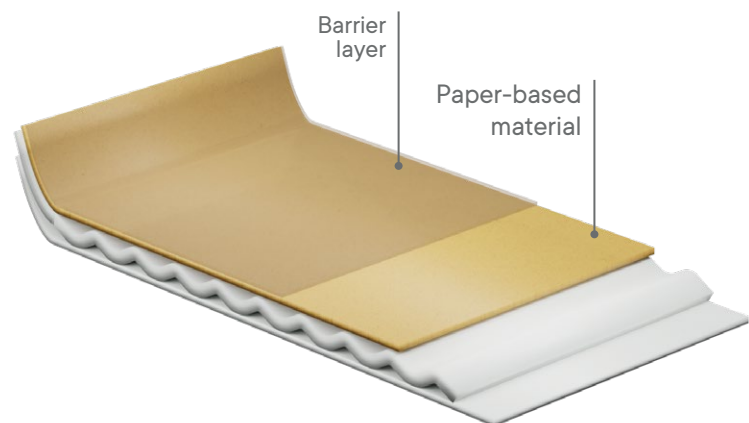
Continuously improving

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. We test all solutions in our laboratory and on our pilot machines, and also run separate tests with our customers to ensure maximum functionality.

Walki®Line: enhancing corrugated board performance against moisture and grease

In the realm of packaging solutions, the need for effective barriers against water, moisture, and grease has become more crucial than ever. Even though solid board packaging is quite strong on its own, it can encounter notable difficulties when it tries to keep its shape and strength in wet or greasy situations. This is where Walki®Line steps in, revolutionizing the way we think about barrier materials in packaging.

When a barrier is required against water, moisture, or grease in corrugated board, Walki®Line can replace standard lining materials like kraft paper, kraft liners, and test liners.



Walki®Line is replacing traditional lining materials such as kraft paper, kraft liners and test liner, especially when the top priority is protecting against moisture, grease or water. The effects of moisture and grease on non-barrier corrugated board are well-documented - a gradual deterioration that impacts compression strength, stacking ability, stiffness and overall dimensional stability.

Imagine a corrugated board box stored in an environment with a humidity level of 95%. Under these conditions, the once robust box loses its strength and stiffness with alarming speed. Without the protection of a barrier material, it's vulnerable to collapsing in the presence of moisture or grease.

Walki®Line emerges as a game-changer. Its ability to replace standard lining materials, its exceptional barrier properties, and its positive impact on product preservation, shelf life, safety and versatility make it an invaluable asset in the world of packaging solutions. Walki®Line doesn't just provide protection; it elevates packaging to a new level of excellence.

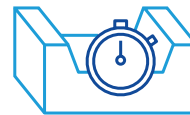


Benefits of Walki®Line



Preservation of product quality

Walki®Line can prevent the penetration of moisture, or other contaminants that can degrade the quality of the product.



Extend shelf life

By creating a barrier to environmental factors, Walki®Line can help extend the shelf life of a product.



Improved safety

Walki®Line can prevent the migration of harmful substances into a product.

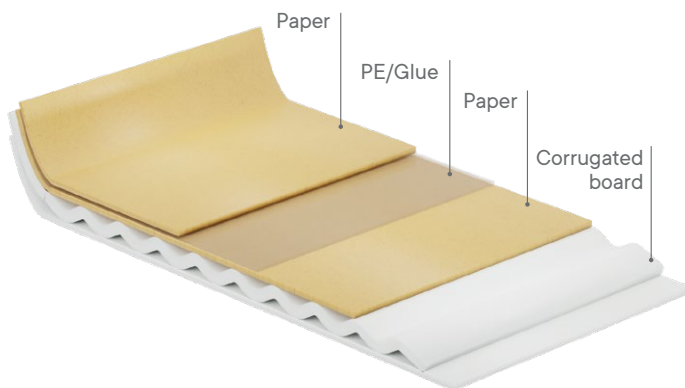


Increased product versatility

Walki®Line can allow products to be packaged in a wider range of applications.

Walki®Line Aqua

Discover the versatility of Paper-PE-Liner (or Paper-Glue-Liner) options, offering a wide range with PE and grammage from 70 to 500 g/m². Enjoy the flexibility of glue-lamination as an option, with brown or white top surfaces and symmetrical or asymmetrical laminates. Certified by FSC or PEFC, this choice boasts excellent water and moisture barriers.

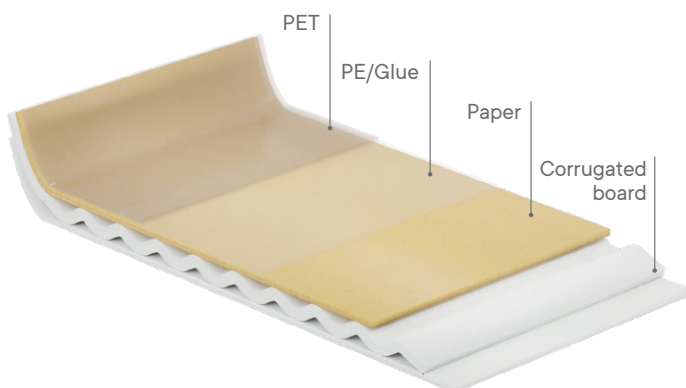


EXCELLENCE

- Very good water and moisture barrier
- Suitable for printing
- Food contact materials (dry, wet, and greasy foods)
- Typical applications: boxes for vegetables, fruit, berries, flowers, plants, fish, seafood, detergents, chemicals and spare parts

Walki®Line Ultra

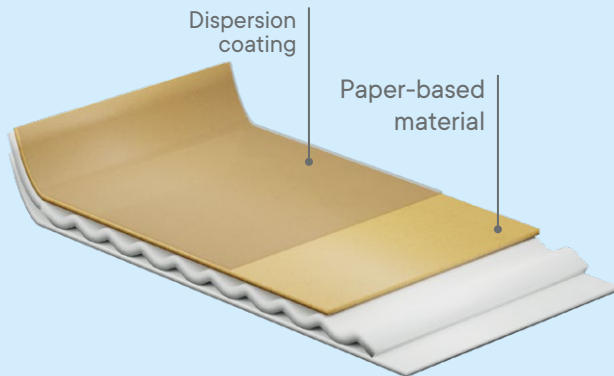
Experience the innovation of PET-PE-Liner (or PET-Glue-Liner) options, offering a diverse range of PET-laminates with grammage ranging from 70 to 500 g/m². Choose between transparent or metallised PET in stunning silver and gold shades. Opt for a brown or white top surface to suit your packaging needs. These options are certified by FSC or PEFC, underlining their commitment to sustainability. Moreover, benefit from their heat-resistant properties and non-scratching surfaces, ensuring your packaging retains its integrity and appearance.



EXCELLENCE

- Heat resistant
- Ovenable as option
- Non-scratching surface
- Very good fat barrier – greaseproof
- Suitable for printing (paper or PET)
- Typical applications: boxes for meat, poultry, fish, bakery, baking fats, sweets, fast food, automotive, spare parts, electronics and scratch-sensitive articles

Dispersion coating: paving the way for a greener packaging future



Dispersion coating, which is a type of barrier coating, is transforming how packaging functions. It provides essential protection to materials such as paper-board, paper, and liners made from fibres. By using a water-based method, dispersion coating forms a protective layer on paper surfaces, enhancing their durability and extending shelf life. This technique enhances the environmental profile and sustainability of corrugated board while preventing wet and greasy components from weakening the box and causing visible staining on the board.

Benefits of dispersion coating



Increased shelf life

Dispersion coated paper with a moisture barrier can increase its shelf life of food products while ensuring consumer safety.



Recyclable

Dispersion coated paper can improve its environmental profile and make it more sustainable.



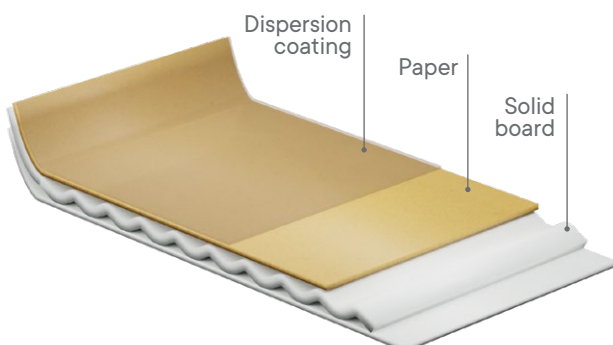
Enhanced durability

Dispersion-coated paper offers durability and resistance against moisture and environmental elements.

Walki®Line Jazz & Walki®Line Sellocoat

Elevate recyclability with solid board and an eco-friendly dispersion coating. This integration enhances the recyclability of solid board, offering a wide grammage range of 70 to 200 g/m². Water-based dispersion coatings provide effective barriers, with

options of brown or white top surfaces. Remarkably, it's recyclable within the waste-paper stream without any separation. Certified by FSC or PEFC, this option redefines responsible packaging.



EXCELLENCE

- Good water barrier
- Medium moisture and grease barrier
- Natural matte paper touch & feel
- Typical applications: frozen food, fruits, vegetables, flowers



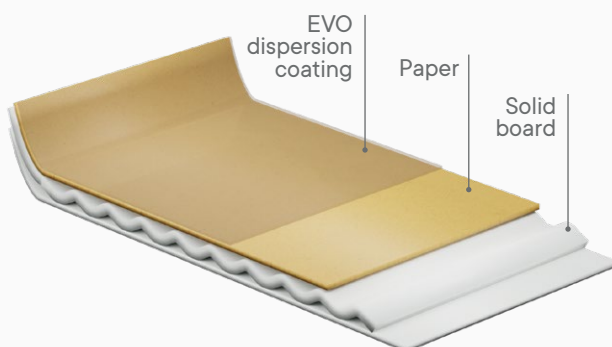
Walki®EVO Line is well-suited for packaging fruit, vegetables, and baked goods, particularly those with short shelf lives. It boasts full repulpability, recyclability, and compostability.

Walki®EVO Line

Enhance recyclability with solid board featuring a dispersion coating. Available in a range of 70 to 200 g/m², it employs water-based barriers and offers brown or white top surfaces. Notably, it's recyclable within waste-paper streams, eliminating the need for separation. Certified by FSC or PEFC, this choice represents a commitment to sustainable packaging.

EXCELLENCE

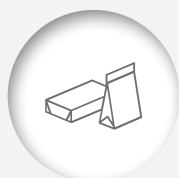
- Good water barrier
- Good moisture and grease barrier
- Other barriers possible
- Natural matte paper touch & feel
- Typical applications: frozen food, fruits, vegetables, flowers, bakery products



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**