

PerfoTec Liner

The Ultimate Eco-Friendly Packaging Solution



Stored for 35 days
at 8°C
in PerfoTec Liner

**Naturally
Extending
Freshness**

The PerfoTec Liner, the only **TUV Austria-certified** compostable liner, revolutionizes bulk fresh produce packaging by keeping goods fresh while minimizing environmental impact. Made from natural potato starch and bio-based polymers, it decomposes without harmful residues in industrial composting facilities, reducing plastic waste and carbon footprint, enhancing sustainability, and appealing to eco-conscious consumers.

The PerfoTec Liner combines functionality with sustainability, helping you preserve the quality of your bulk produce while reducing environmental impact. Pair it with other PerfoTec tools like the Laser Perforation System and O₂ Control for a complete, eco-conscious approach to minimizing food waste across the supply chain.



**Designed for
Bulk Transport**

Transition from Air freight to Sea Freight
No need for Controlled Atmosphere containers.

Extend the Season and Optimize Sales
Store products, sell at a higher value.

Prevent Claims
Avoid quality and weight loss issues.

Our Methodology

Perfect Humidity for Lasting Freshness

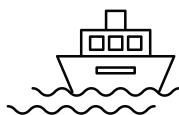
It allows just the right amount of water vapor to pass through, keeping produce from drying out or getting too wet.

Optimized Atmosphere for Peak Quality

It regulates how much O₂ and CO₂ can move in and out, which helps control the respiration of the produce.

Precision Perforation for Optimal Atmosphere

Tiny holes created with lasers help create the ideal atmosphere inside the package, known as Modified Atmosphere Packaging (MAP).



How Does Our Technology Work?

Measure Respiration

The Fast Respiration Meter determines the respiration rate of each product.

Upload Data

Data is transferred to the laser system.

Laser Perforation

The laser precisely perforates the packaging film based on the model calculations.

Optimize Packaging

Each package receives the exact number of holes needed to safeguard quality.

PerfoTec Liner Tech Specs

Thickness: 30-micron, made from natural potato starch and bio-based polymers (compostable per EN 13432).
CO₂/O₂ Transmission Ratio: 7:1 (ISO 15105-1 and ISO 15105-2 standards).
WVTR: 440 g/m²/24hr (DIN 53122 T1 standard).
Certifications: TUV certified, OK Compost Industrial; printable, plasticizer-free, GMO-free, and food-safe.
Laser Perforation: Optimized for different produce with ideal transmission values.

Ready to optimize your fresh produce packaging?
Contact us today!

We'd Love to Hear from You!

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