



MONO-PET EASY PEEL LIDDING FILM

Modified Atmosphere /
Modified Humidity Technology



Overview

Xgo™ MONO-PET lidding film is a sustainable alternative to traditional clamshells for preserving the quality of fresh produce. This fully recyclable easy-peel film creates optimal modified atmosphere/modified humidity conditions to extend shelf life of summer fruits, berries, freshly cut produce, vegetables, ready-to-eat snacks and more.

At just 23 micrometers thick, this lean film effectively slows respiration and aging processes while inhibiting microbial decay, preserving freshness, flavor, and nutritional value throughout the supply chain. This helps preserve quality, enhance consumer experience and reduce food waste in the supply chain.

The hermetically sealed laser perforated film also enhances food safety and reduces tampering risk and cuts plastic usage by 25-30% compared to conventional clamshells. It also features excellent antifog to prevent condensation, keeping the film clear and the produce fully visible.

Applications



Retail Packaging

Ideal format for retail packaging applications



Ready-to-Eat Produce

Hermetically sealed package enhances food safety of pre-washed, ready-to-eat fruits and vegetables

Key Benefits



Sustainable, 100% Recyclable

23 micron MONO-PET film supports a circular economy with a significantly reduced environmental footprint



Reduced Plastic Usage

25-30% less plastic compared to traditional clamshells



Extended Shelf-Life

Effectively slows respiration and aging processes while inhibiting microbial decay, preserving freshness, flavor, and nutritional value



Ensures Food Safety

Laser perforated hermetically sealed film minimizes contamination risk and ensures product integrity through the supply chain



Operational Efficiency

Compatible with high-speed automated packing, increasing efficiency versus manual packing

SHOWCASING SUCCESS: EXTENDING SHELF LIFE & MARKET REACH

Summer Fruits: Enhanced Retail Presentation

Rafkor, an Israeli company that packs and markets fruits grown in the Upper Galilee region, has successfully implemented the Xgo™ MONO-PET lidding film for preserving quality of summer fruits. The solution provides attractive retail presentation while extending shelf life and reducing plastic usage.



Export of blueberries from Chile and Peru

Used for packing blueberries at source in Peru and Chile, and maintaining quality during extended shipments to European markets. The use of such film in such a lengthy supply chain is testimony to its high performance and reliability.



Export of pomegranate arils from Mexico

Used for sealing pomegranate arils packed in cups in Mexico and other countries. Customers have reported achieving an incredible 17 days shelf life using this film!



Food Safety Enhancement



Remember the strawberry sabotage in Australia?

Xgo™ MONO-PET lidding film is laser perforated and hermetically sealed to the tray and reduces tampering risk in comparison to clamshells.

The Science Behind Xgo® MONO-PET Lidding Film

Xgo™ MONO-PET lidding film utilizes StePacPPC's flagship Modified Atmosphere Packaging (MAP) technology with condensation control capabilities to create the optimal environment for fresh produce. The film slows respiration, reduces dehydration, effectively delays aging processes and inhibits microbial decay. This helps preserve quality, enhance consumer experience and reduce food waste in the supply chain.



062025-EN

