

# POMEGRANATES

Advanced Modified Atmosphere/  
Modified Humidity Packaging Solutions for  
Shelf-Life Extension



Demand for Pomegranates and its derived products is increasing due to its nutritional benefits and its recognition as a super food.

Challenges associated with extending shelf-life and reducing waste of pomegranates include: weight loss and shriveling, skin blemishes related to chilling injuries, crown and fruit decay, visual appearance and impaired quality and taste of the arils.

StePacPPC modified atmosphere/modified humidity packaging solutions preserve quality and extend shelf life of pomegranates by naturally reducing weight loss and creating a gas composition inside the closed packaging that slows respiration, suppresses microbial decay and reduces sensitivity to chilling injury.

**Xgo™** easy-peel and resealable topseal (lidding films) help maintain the arils' quality, extend arils' freshness, and reduce supply chain waste. By doing this, it enhances the consumer experience.

**Xtend®** bulk packaging solutions slow down post-harvest deterioration and weight loss. The use of films with medium-high water vapor transmission rates helps release excess moisture from the headspace which also reduces the risk of microbial decay.

- ✓ Slows aging
- ✓ Minimizes dehydration and weight loss
- ✓ Decreases occurrence and severity of skin blemishes
- ✓ Reduces risk of crown and fruit decay
- ✓ Preserves internal quality and taste



**PROLONG**  
freshness and  
extend shelf-life



**EXTEND**  
your market  
reach



**REDUCE**  
supply chain  
waste



**ENHANCE**  
consumer  
experience



## Xtend<sup>®</sup> Bulk liner for long term storage & shipment

- ✓ Conventional bulk liners for manual packing of pomegranates
- ✓ Suitable for extending storage and long distance transportation
- ✓ Reduces weight loss, slows respiration and aging, and inhibits microbial decay
- ✓ Excellent antifog properties
- ✓ Low footprint - 20 micrometer thickness
- ✓ Available with 30% advanced recycled content!



## Xtend<sup>®</sup> Bin liner for prolonged storage & transport

- ✓ Preserves quality during prolonged storage
- ✓ Enables inventory management and season extension
- ✓ Reduces weight loss, slows respiration and aging, and inhibits microbial decay
- ✓ Excellent antifog properties
- ✓ Solutions available for 20- 400kg of fruit
- ✓ Low footprint - 20 micrometer thickness

## Xgo<sup>™</sup> Resealable lidding film for retail applications

- ✓ 25-30% reduction in plastic use compared to traditional clamshells
- ✓ Film seals to an APET and RPET sealing layer
- ✓ Attractive, clear, printable film with excellent antifog properties
- ✓ Extends shelf-life all the way to the consumer
- ✓ Continues to preserve quality each time the film is resealed



## Xgo<sup>™</sup> Fully recyclable MONO-PET lidding film for retail applications

- ✓ Easy-peel
- ✓ 25-30% reduction in plastic use compared to traditional clamshells
- ✓ Low Carbon Footprint - 23 micrometer thickness
- ✓ Film seals to an APET and RPET sealing layer
- ✓ Attractive, clear, printable film with excellent antifog properties
- ✓ Preserves quality and extends shelf-life all the way to the consumer



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All products are available for a range of weights in customizable sizes

