

BROCCOLI CROWNS AND FLORETS

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



Broccoli crowns and florets encounter significant quality challenges during extended storage and transport. These include weight loss and dehydration, yellowing, microbial decay, and when ice is used, the leaching and loss of water soluble nutrients, especially Vitamin C.

StePacPPC modified atmosphere/modified humidity packaging solutions preserve fresh quality by naturally creating an environment inside the sealed packaging that slows respiration, inhibits ethylene and suppresses microbial decay. Films with varying water vapor transmission rate (WVTR) are available to help release excess moisture which also assists in reducing the risk of microbial decay.

Over the years we have developed a broad range of packaging formats, both bulk and retail, to meet the needs of different markets and customers:

Xtend® preformed bulk packaging solutions help maintain postharvest quality and minimize supply chain waste during prolonged storage and shipment. This serves as an environmentally friendly alternative to ice.

Xflow™, a patented bulk flow-pack solution is a game-changer for the foodservice sector. It is the most innovative alternative to traditional preformed bags that helps preserve quality and minimize supply chain waste.

Xgo™ retail packaging solutions enhance consumer experience by preserving quality and broadening the window for consumption.

- ✓ Slows aging
- ✓ Minimizes dehydration and weight loss
- ✓ Minimizes yellowing
- ✓ Maintains firmness
- ✓ Reduces risk of microbial decay
- ✓ Enhances food safety



PROLONG
freshness and
extend shelf-life



EXTEND
your market
reach



REDUCE
supply chain
waste



ENHANCE
consumer
experience

Xtend[®] Bulk liner for long term storage & shipment

- ✓ Conventional bulk liners for manual packing of broccoli
- ✓ Sustainable alternative to ice which enables ~30% more broccoli to be packed in the same container space with no need for Styrofoam or waxed carton boxes and no safety concerns associated with messy, melting ice
- ✓ Excellent antifog properties
- ✓ Low footprint - 20-25 micrometer thickness
- ✓ Available with 30% advanced recycled content!



Xflow[™] Roll-stock films for automated bulk packing

- ✓ Designed for high-speed and efficient packing
- ✓ Increases operational efficiency and reduces labor costs compared to manual packing
- ✓ Less handling, better food safety
- ✓ Low footprint - 20 micrometer thickness
- ✓ Available with 30% advanced recycled content!

Xgo[™] Roll-stock films for automated retail packing

- ✓ Automated flow-pack retail format for broccoli
- ✓ Designed for high-speed and efficient packing
- ✓ Less handling, better food safety
- ✓ Excellent clarity and printability
- ✓ Reduces labor costs compared to manual packing
- ✓ Low footprint - 25-35 micrometer in thickness
- ✓ Available with 30% advanced recycled content!



Xgo[™] Stand-up pouches for eye-catching retail applications

- ✓ Attractive Grab-N-Go retail packaging format with ziplock
- ✓ Excellent antifog properties
- ✓ Excellent clarity and printability
- ✓ Brings value of shelf-life extension all the way to the consumer
- ✓ Fully recyclable stand-up pouch available



Xgo[™] Preformed bags for retail applications

- ✓ Excellent antifog properties
- ✓ Excellent clarity and printability
- ✓ Enhances quality and reduces food waste
- ✓ Brings value of shelf-life extension all the way to the consumer



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

