

PRODUCT SPECIFICATION · LIFEPACK MAP BAG

Globe Artichoke

Cynara scolymus



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) globe artichoke MAP bag. MAP maintains high humidity and prolongs senescence, thus keeping the product fresher and firmer for longer.
Produce type	Vegetable (immature flower bud), harvested by size and bract compactness
Ethylene	Production Low · sensitivity Moderate (general postharvest guidelines)
Suitable for	Organic & conventional globe artichoke (inert film — no organic certification needed)
Background	Globe artichoke is harvested immature, based on size and how tightly the bracts are held; an over-mature bud becomes open and light in the hand. Its large surface area makes it highly prone to moisture loss, and oxygen levels below 2% can cause internal blackening.

PERFORMANCE & BENEFITS

Shelf life – cold chain	2–3 weeks at 0 °C
Shelf life – ambient	5–7 days at 10 °C
Recommended atmosphere	O ₂ 2–3% · CO ₂ 3–5% · RH 95–100% General postharvest guidelines (UC Davis Postharvest); vary by cultivar, maturity & region.
LIFEPACK MAP BAG KEY BENEFITS	• Extended shelf life for longer storage and distribution • Reduced dehydration and withered bracts • Prolonging freshness after harvest • Individual pallets removable without disturbing CA • Maintained colour and firmness • Maintained freshness and crispness • Inhibition of storage mould and rots • Higher profitability due to reduced wastage

MATERIAL, FILM & COMPLIANCE

Film structure	Coextruded multilayer film — polyamide (Nylon-6, CAS 25038-54-4) and polyethylene / copolymer (CAS 9002-88-4)
Thickness / WVTR	22 microns · water vapour transmission (WVTR) 7–9 g/m ² /day
Properties	Transparent film; melting point 104–115 °C; density 0.918–0.923 g/cm ³ ; insoluble in water; stable
Food-contact compliance	FDA 21 CFR 177.1500 & 177.1520; EU 10/2011 and migration limits (EU) 1183/2012
Food safety	Manufactured under FSSC 22000 / ISO 22000 — current certificates on request

AVAILABLE SIZES

Formats Lifepack MAP bags available to fit standard 2, 5 and 10 kg cartons. Custom sizes on request.

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