

PRODUCT SPECIFICATION · LIFEPAK MAP BAG

Kiwi

Actinidia deliciosa



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) kiwi MAP bag. MAP maintains high humidity and prolongs the ripening process, thus keeping the product fresher and firmer for longer.
Produce type	Climacteric fruit, harvested at green maturity; ethylene-sensitive
Ethylene	Production Low · sensitivity High (UC Davis Postharvest)
Suitable for	Organic & conventional kiwi (inert film — no organic certification needed)
Background	Kiwi is harvested firm at green maturity, judged by soluble-solids content, and ripens only after harvest. It is held cold for long periods and conditioned with ethylene before sale.

PERFORMANCE & BENEFITS

Shelf life – cold chain	2–3 months at 0–1 °C (32–34 °F)
Shelf life – ambient	7–10 days at ambient
Recommended atmosphere	O ₂ 1–2% · CO ₂ 3–5% · RH 90–95% General postharvest guidelines (UC Davis Postharvest; Singla et al., 2022); vary by cultivar, maturity & region.
LIFEPAK MAP BAG KEY BENEFITS	• Extended shelf life for longer storage and distribution • Inhibition of the ripening process • Individual pallets removable without disturbing CA • Reduced dehydration and shrivelling • Maintained freshness and firmness • 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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