

PRODUCT SPECIFICATION · LIFEPAK MAP BAG

Honeydew Melon

Cucumis melo L. Inodorus



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) honeydew melon MAP bag. MAP maintains high humidity and prolongs senescence, thus keeping the product fresher and firmer for longer.
Produce type	Non-climacteric melon; continues to soften after harvest
Ethylene	Production Moderate · sensitivity High (UC Davis Postharvest)
Suitable for	Organic & conventional honeydew melon (inert film — no organic certification needed)
Background	Honeydew is harvested at full maturity, judged by ground colour and surface waxiness, and continues to soften after picking. The main risks are water loss, internal breakdown and chilling injury.

PERFORMANCE & BENEFITS

Shelf life – cold chain	Up to 6 weeks at 8–10 °C
Shelf life – ambient	7–10 days at ambient
Recommended atmosphere	O ₂ 3–5% · CO ₂ 10% · 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 • Reduced dehydration and weight loss • Inhibition of internal breakdown and collapsed seed cavity • Inhibition of chilling injury • 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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