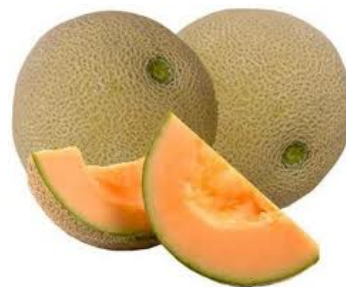


PRODUCT SPECIFICATION · LIFEPACK MAP BAG

Cantaloupe Melon

Cucumis melo



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) cantaloupe melon MAP bag. MAP maintains high humidity and prolongs the ripening process, thus keeping the product fresher and firmer for longer.
Produce type	Climacteric melon; harvested on slip
Ethylene	Production High · sensitivity Moderate (UC Davis Postharvest)
Suitable for	Organic & conventional cantaloupe melon (inert film — no organic certification needed)
Background	Cantaloupe is harvested at the half- to full-slip stage on netting and aroma, and softens and sweetens rapidly. The main risks are water loss, internal breakdown, sunken lesions and chilling injury.

PERFORMANCE & BENEFITS

Shelf life – cold chain	Up to 4 weeks at 2–4 °C (35.5–39 °F)
Shelf life – ambient	7–10 days at ambient
Recommended atmosphere	O ₂ 3–5% · CO ₂ 10–15% · RH 90–95% General postharvest guidelines (UC Davis Postharvest; Singla et al., 2022); vary by cultivar, maturity & region.
LIFEPACK MAP BAG KEY BENEFITS	• Extended shelf life for longer storage and distribution • Reduced dehydration and shrivelling • Inhibition of internal breakdown and collapsed seed cavity • Inhibition of sunken lesions • 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.

Legal disclaimer: Lifepack SA has no control over the farming, handling, storage or transport of produce packed in LIFEPACK modified atmosphere packaging (MAP) and gives no express or implied guarantee and accepts no liability. Full disclaimer: <https://www.lifepacksa.co.za/legal-disclaimer/>

MANUFACTURED BY

