

PRODUCT SPECIFICATION · LIFEPAK MAP BAG

Galia Melon

Cucumis melo var. reticulatus



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) Galia melon MAP bag. MAP maintains high humidity and slows the ripening process, thus keeping the product fresher and firmer for longer.
Produce type	Climacteric muskmelon, harvested near-ripe; netted rind, aromatic green flesh
Ethylene	Production High · sensitivity High (UC Davis Postharvest)
Suitable for	Organic & conventional Galia melon (inert film — no organic certification needed)
Background	Galia melon combines the netted rind of cantaloupe with the pale, aromatic flesh of honeydew, and ripens quickly once harvested. Over storage and distribution the main quality risks are over-ripening, moisture loss and chilling injury if held too cold.

PERFORMANCE & BENEFITS

Shelf life – cold chain	2–3 weeks at 7 °C
Shelf life – ambient	5–7 days at ambient
Recommended atmosphere	O ₂ 3% · CO ₂ 10% · RH 90–95% General postharvest guidelines (UC Davis Postharvest); 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 aroma and sweetness • 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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