

PRODUCT SPECIFICATION · LIFEPACK MAP BAG

Blueberry

Vaccinium sp.



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) blueberry MAP bag. MAP maintains high humidity and prolongs the ripening process, thus keeping the product fresher and firmer for longer.
Produce type	Climacteric berry, harvested semi-ripe; Botrytis-prone
Ethylene	Production Low · sensitivity Low (UC Davis Postharvest)
Suitable for	Organic & conventional blueberry (inert film — no organic certification needed)
Background	Blueberry is harvested at full colour and is highly perishable. The main losses come from soft, leaking fruit and Botrytis (grey mould), which spreads where free moisture or condensation forms.

PERFORMANCE & BENEFITS

Shelf life – cold chain	4–6 weeks at 0 °C (32 °F)
Shelf life – ambient	Up to 5 days at 10 °C (50 °F)
Recommended atmosphere	O ₂ 5–10% · CO ₂ 15–20% · 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 • Controls condensation to limit Botrytis • 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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