

PRODUCT SPECIFICATION · LIFEPAK MAP BAG

Raspberry

Rubus idaeus



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) raspberry MAP bag. MAP maintains high humidity and prolongs senescence, thus keeping the product fresher and firmer for longer.
Produce type	Non-climacteric bramble berry, harvested fully ripe; highly perishable
Ethylene	Production Low · sensitivity Low (does not ripen further after harvest — UC Davis Postharvest)
Suitable for	Organic & conventional raspberry (inert film — no organic certification needed)
Background	Raspberry does not ripen after harvest and must be picked at full colour and flavour. Its delicate structure and low thermal mass make it highly prone to moisture loss, wet bruising and Botrytis (grey mould) decay.

PERFORMANCE & BENEFITS

Shelf life – cold chain	Up to 2 weeks at 0 °C
Shelf life – ambient	Up to 5 days at 10 °C
Recommended atmosphere	O ₂ 5–10% · CO ₂ 15–20% · 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 • Reduced dehydration and weight loss • Inhibition of wet bruising • Prolonging freshness after harvest • Maintained colour and firmness • Maintained freshness and aroma • Inhibition of Botrytis (grey mould) and other storage 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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