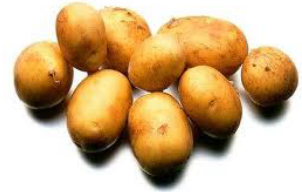


PRODUCT SPECIFICATION · LIFEPAK MAP BAG

New Potato

Solanum tuberosum



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) new potato MAP bag. MAP maintains high humidity and prolongs senescence, thus keeping the product fresher and firmer for longer.
Produce type	Immature potato with thin, poorly set skin; more perishable than mature (late) potato
Ethylene	Production Low · sensitivity Low (general postharvest guidelines)
Suitable for	Organic & conventional new potato (inert film — no organic certification needed)
Background	New (early crop) potato is harvested with a thin, poorly developed skin, before the periderm has fully set. It is far more perishable than mature “late” potato and more susceptible to bruising, decay and moisture loss.

PERFORMANCE & BENEFITS

Shelf life – cold chain	4–6 weeks at 10–15 °C
Shelf life – ambient	5–7 days at ambient
Recommended atmosphere	O ₂ 3–5% · CO ₂ 3–5% · RH 90–95% General postharvest guidelines (similar to Jerusalem artichoke/tubers); vary by cultivar, maturity & region.
LIFEPAK MAP BAG KEY BENEFITS	• Extended shelf life for longer storage and distribution • Reduced dehydration and shrivelling • Inhibition of browning • Prolonging freshness after harvest • Maintained colour and firmness • Maintained freshness • 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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Legal disclaimer: Lifepack SA has no control over the farming, handling, storage or transport of produce packed in LIFEPAK modified atmosphere packaging (MAP) and gives no express or implied guarantee and accepts no liability. Full disclaimer: <https://www.lifepacksa.co.za/legal-disclaimer/>