# Packing & logistics

Retail bottle profile / carton protection / loading / marking / documents

These are packing and acceptance requirements for the documented retail profile. Test loads are not physical container stacking instructions. No carton count per container, freight rate, MOQ or transit time is stated.

## 01 / PRIMARY PACKAGING

| Item | Requirement |
|---|---|
| Material | Food-grade PET or metal bottles |
| Nominal volumes | 1 L, 3 L or 5 L as ordered |
| Closure | Hermetically sealed, with tamper-evident device |
| Empty 1 L plastic bottle mass | At least 28.5 g |
| Tin opening | Opening by piercing without a cap is not accepted |
| Leakage requirement | No leakage under the specified 6 m stacking-pressure test |
| Impact tests | Perform on complete packs ready for supply |

## 02 / SECONDARY PACKAGING

| Item | Requirement |
|---|---|
| 1 L bottle options | 12 × 1 L or 15 × 1 L per carton |
| Internal protection | Cardboard separators between containers |
| Board | Double-wall corrugated export cartons |
| Performance requirement | Withstand the specified 6 m stacking test for 6 months |
| Sealing | Glue or 50 mm tape; tape overlap at least 10 cm |
| Environmental resistance | Packaging and seals specified for 6 months of tropical exposure |

## 03 / LOADING PLAN

| Item | Requirement |
|---|---|
| Loading plan | Floor loading without pallets for this packing profile |
| Carton position | Lay cartons flat |
| Layer inserts | Double-wall board between the third and fourth layers |
| Insert coverage | Full container width and at least two cartons lengthwise |
| Insert overlap | No overlap |
| Void protection | Fill side and end voids to immobilise the cartons |
| Container quantity | Confirm against carton dimensions, weights and transport limits |

## 04 / PACK MARKINGS

| Item | Requirement |
| --- | --- |
| Product name | Bottle: 1 cm; carton: 2 cm lettering |
| Manufacture date | Bottle: 0.3-0.5 cm; carton: 0.5-0.8 cm lettering |
| Required details | Expiry date, batch code or full name, volume in litres |
| Traceability | Actual manufacturer name and address on product labels and cartons |
| Handling | Upright-position arrow on the outside of each carton |

## 05 / Documentation

- Inspection certificate
- Certificate of origin
- Health or phytosanitary certificate where applicable
- Weight and quality certificate
- Non-radioactivity declaration/certificate if required
- GMO status certificate or declaration
- Other documents agreed in the purchase contract

The manufacturer identity required on the actual product label must remain accurate. Third-party company names, contact details and publisher branding are not reproduced in this guide.