

WUHAN SUNFULL NEW ENERGY TECHNOLOGY CO., LTD.

PACKAGING BUSINESS DIVISION

COSMETIC PACKAGING BUYER RESOURCE

Cosmetic Packaging Test Checklist

Compatibility, function, appearance, transport and approval planning



How to use this resource

Use this document to structure a B2B packaging discussion, compare responses and define the evidence needed before approval. Adapt each item to the real product, formula, filling process, destination market and commercial terms.

Important: This resource does not verify a supplier, product, facility, test result, environmental claim or legal compliance. Keep project evidence tied to the actual legal entity, manufacturing site, SKU, batch and target market.

Build the Test Plan Around Risk

Define the complete packaging system, formula risk, filling process, distribution route and acceptance criteria before selecting tests. Not every test is necessary for every project, and the responsible party must approve the final filled-product system.



Representative quality-control context. Agree methods, samples and acceptance criteria for the actual project.

Area	Checks	Approval record
Identity	Model, material, capacity, neck, component, color and artwork	Approved specification and component list
Dimensions	Height, diameter, neck, thread, fit and critical tolerances	Inspection method and report
Appearance	Glass defects, color, coating, print, scratches and contamination	Golden sample, limit samples and defect standard
Closure	Torque, snap or press fit, tamper evidence and opening force	Functional method and acceptance range
Dispensing	Dose, spray pattern, priming, return, locking and residual	Performance report with sample identity
Leakage	Upright, inverted, vacuum or pressure and transport orientation	Leak test method, duration and result
Compatibility	Odor, migration, swelling, corrosion, color and function	Time and temperature study with controls
Decoration	Adhesion, abrasion, chemical contact and light exposure	Durability method and approved variation
Transport	Drop, vibration, compression, temperature and pack integrity	Packing configuration and transport report
Documentation	Material, drawing, declaration, batch and inspection records	Project technical file

Approval Sequence

- Identify formula, user, transport and market risks
- Define critical, major and minor defects
- Approve representative component and decorated samples
- Complete formula compatibility under intended and accelerated conditions
- Approve packing method and transport validation

- Freeze specification, golden sample, inspection plan and change control
- Retain batch, test and approval records

Acceptance Record

Decision	Required evidence
Component fit	Drawing, dimensions, assembly result, method and approved limit sample
Formula compatibility	Filled samples, controls, exposure conditions, observations and approval owner
Decoration durability	Method, substrate, exposure, result and acceptable variation
Transport readiness	Packing method, test route, failures, corrective action and retest result
Mass-production release	Signed specification, golden sample, inspection level and approved artwork

Responsibility Boundaries

Define who supplies samples, selects methods, performs tests, approves results and owns destination-market compliance. A component report does not automatically validate the final formula-packaging combination.

Change-control trigger

Reassess the validation plan when the formula, material, component, decoration, manufacturing site, filling process, packing method or distribution route changes.