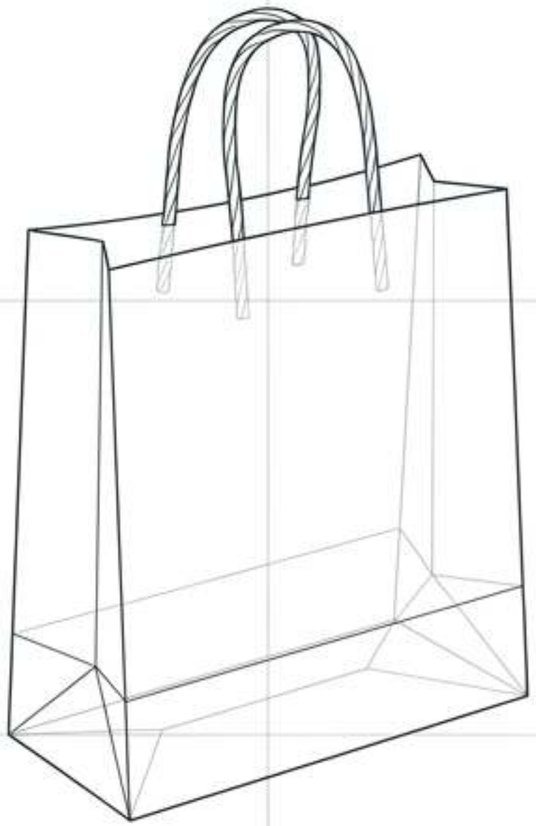
Specification Blueprint: Custom White Kraft Paper Bags

A Buyer's Guide to Sourcing, Validating, and Procuring Format ZPCPB0006

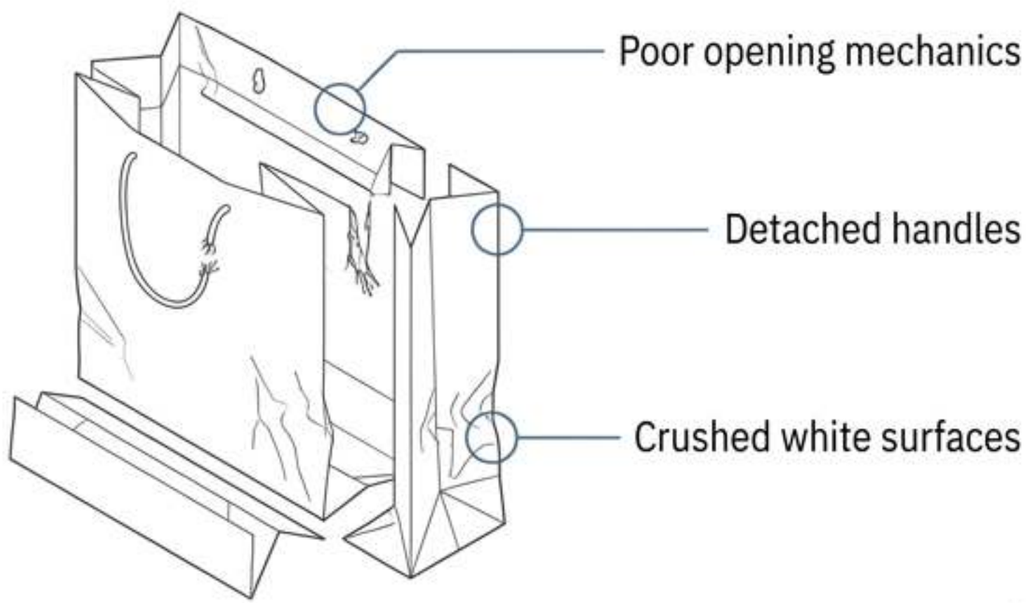


ZIGPAC Packaging Systems

ZIGPAC

The true cost of an unverified specification

[Quoted Unit Price] + [Cost of Rejected Bags] + [Replacement Packaging] + [Delayed Launches] = **Usable-Bag Cost**

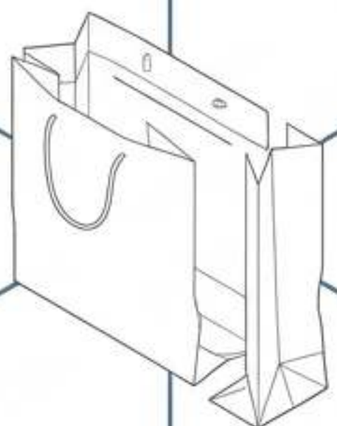


A lower quoted unit price does not guarantee a lower usable-bag cost. Visible marks and structural failures render saleable packaging unusable.

A bag is an interdependent packaging system

Paper:
Base grade and physical behavior

Transit:
Packing and crush protection



Dimensions:
Width × Gusset × Height

Contents:
The loaded item's geometry and weight distribution

Handle Attachment:
Interior fastening and reinforcement

Printing:
Artwork integration on the white kraft surface

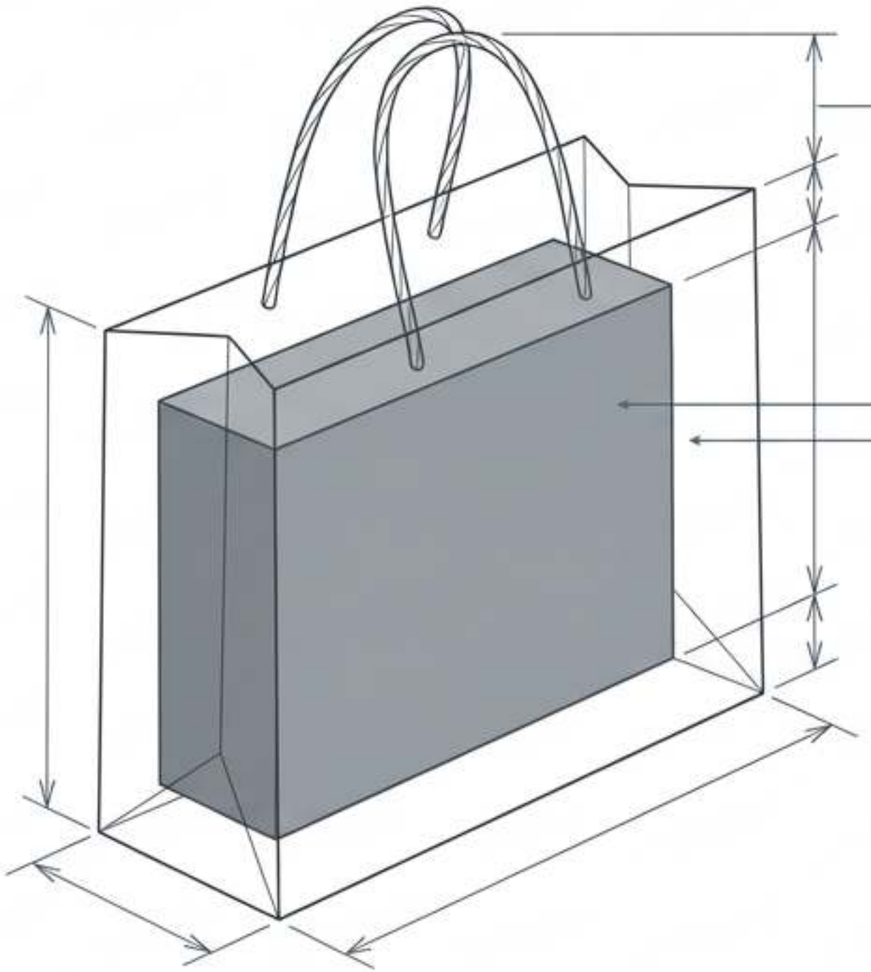
The practical solution is to approve the bag as a complete system. Altering one variable affects the performance of the entire unit.

Defining the configuration parameters

Established Identity	Requires Quotation & Input
Format: White kraft paper shopping bag	Dimensions: Needs Width × Gusset × Height (mm)
Handles: Twisted handle format	Paper Weight: Needs selected grade (g/m^2)
Reference: ZPCPB0006	Carrying Capacity: Requires functional testing
	Printing: Needs artwork and surface treatment
	Commercials: MOQ, Price, Sampling & Production Time

ZPCPB0006 establishes the product family. It does not establish a stocked size, tested carrying load, or approved material specification.

Sizing must begin with the packed item, not the bag



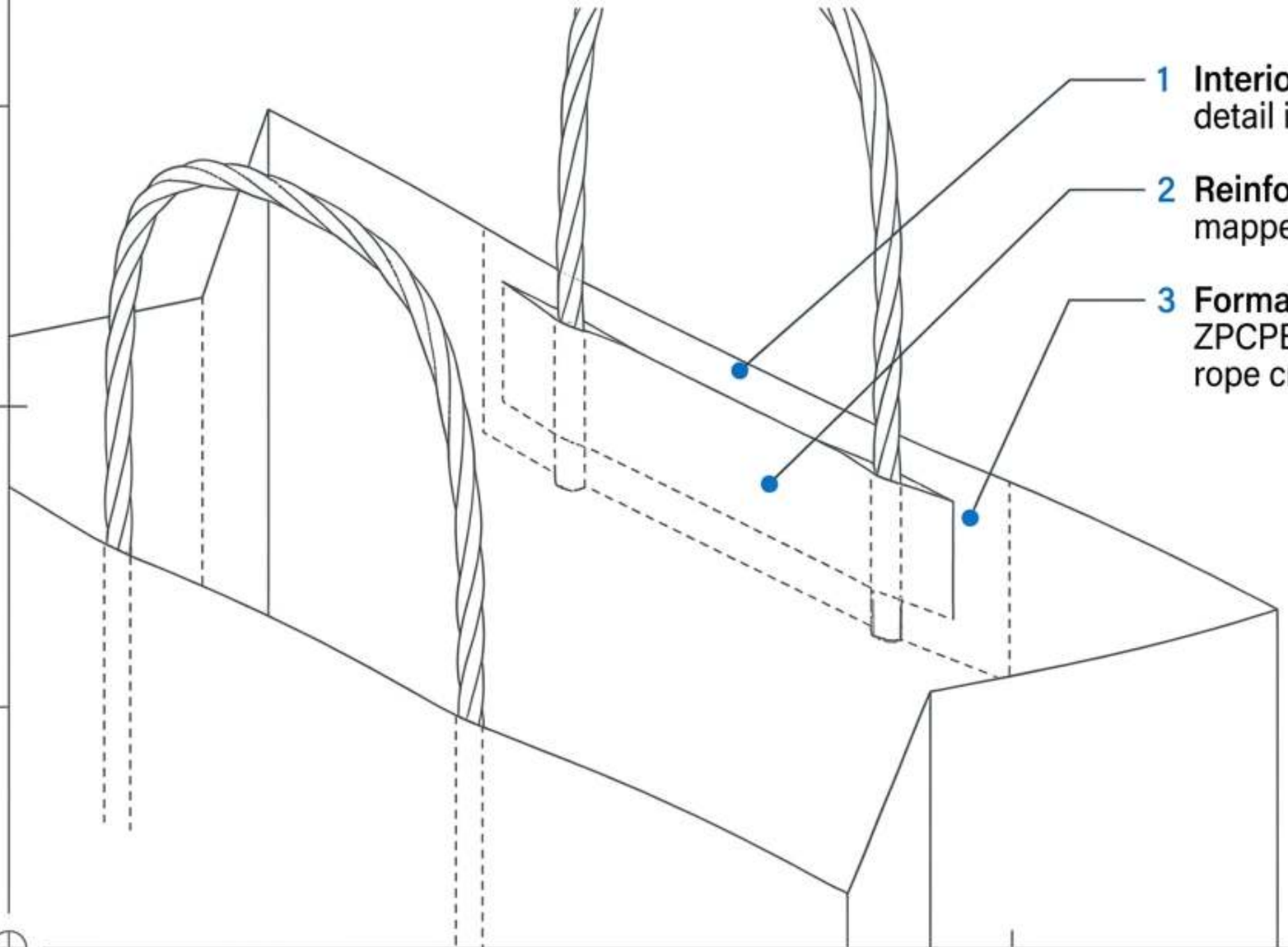
Intended Orientation: Measure the product in the condition customers receive it (including protective wrapping).

Usable Space: Identify whether width × gusset × height measurements describe external dimensions or usable internal space.

Handle Clearance: Ensure contents enter without forced stretching and handles remain accessible after loading.

A garment, a rigid carton, and a bakery box present entirely different dimensional requirements, even if all are categorized as “small.”

Handle attachment dictates structural integrity



1 **Interior Attachment Area:** The critical fastening detail is inside the bag, not a back clasp.

2 **Reinforcement Zone:** Must be agreed upon and mapped against the paper weight.

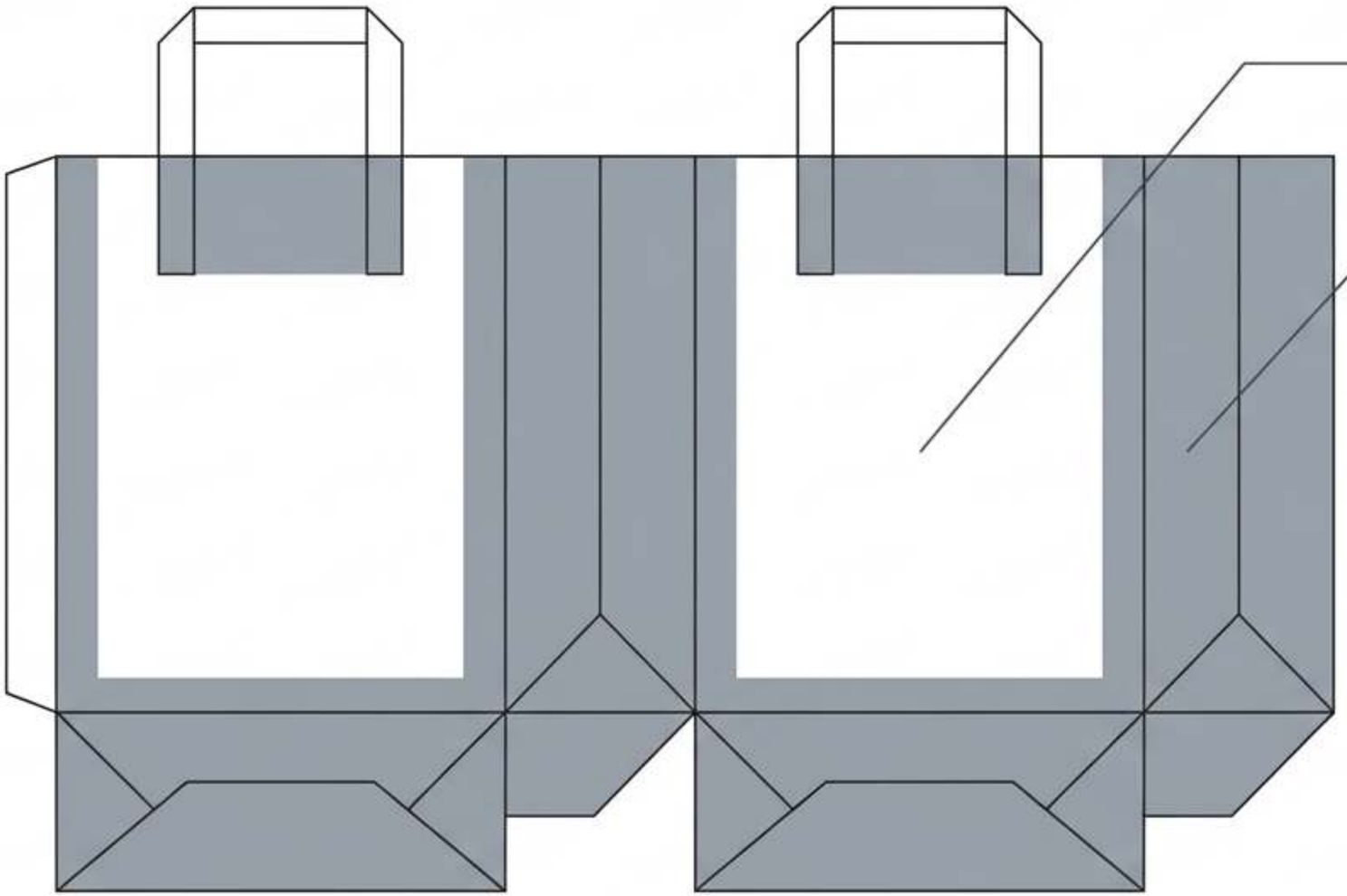
3 **Format Integrity:** Twisted handles are standard to ZPCPB0006; requesting flat handles or cotton rope creates an entirely new configuration.

Paper weight (g/m^2) is not a load rating.

Bag geometry, seams, and attachment quality govern actual strength.

ZIGPAC

Mapping artwork to the physical construction



Safe Zone: Front and back central panels for essential logos.

Distortion Zones: Keep essential information, barcodes, and small text away from folds, seams, and attachment areas.

Scale Check: Review fine lines and website addresses at actual size, not on an enlarged screen preview.

Do not assume an image covering a digital mockup can be reproduced seamlessly across folds and attachment zones without adjustment.

Separating layout approval from color validation

Digital Proof

Purpose: Validates layout, placement, and artwork revisions.

Caveat: A screen preview is not a physical color standard.

Physical Substrate Proof

Purpose: Validates ink behavior on the specified white kraft paper.

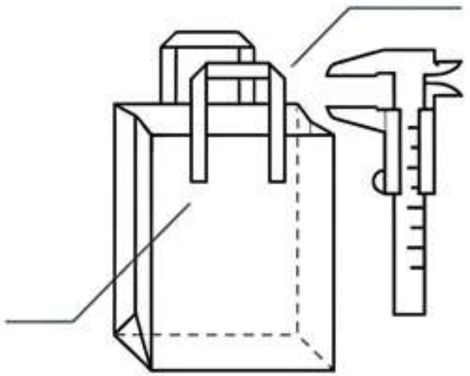
Action: Required for process color or named spot-color matching.

Final Revision Lock

Purpose: Retain artwork version, paper reference, and agreed color tolerances for the specific job.

Another supplier’s published color-control figure is not a promise for this specific bag.

The limits of standard sampling



Structural Sample

Validates: Fit, opening behavior, dimensional accuracy.

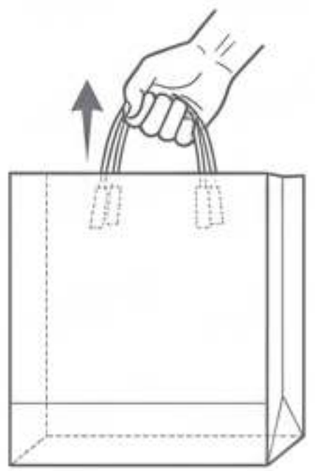


Printed Sample

Validates: Visual expectations, contrast, print alignment.

Neither sample type validates carrying performance unless relevant material, construction, and functional testing are included. Use sampling to answer specific questions, not simply to confirm a bag exists.

Establishing functional carrying capacity





The Assumption: An empty-bag handle check reveals attachment strength.
(Reality: It only reveals immediate attachment defects, not packed performance).

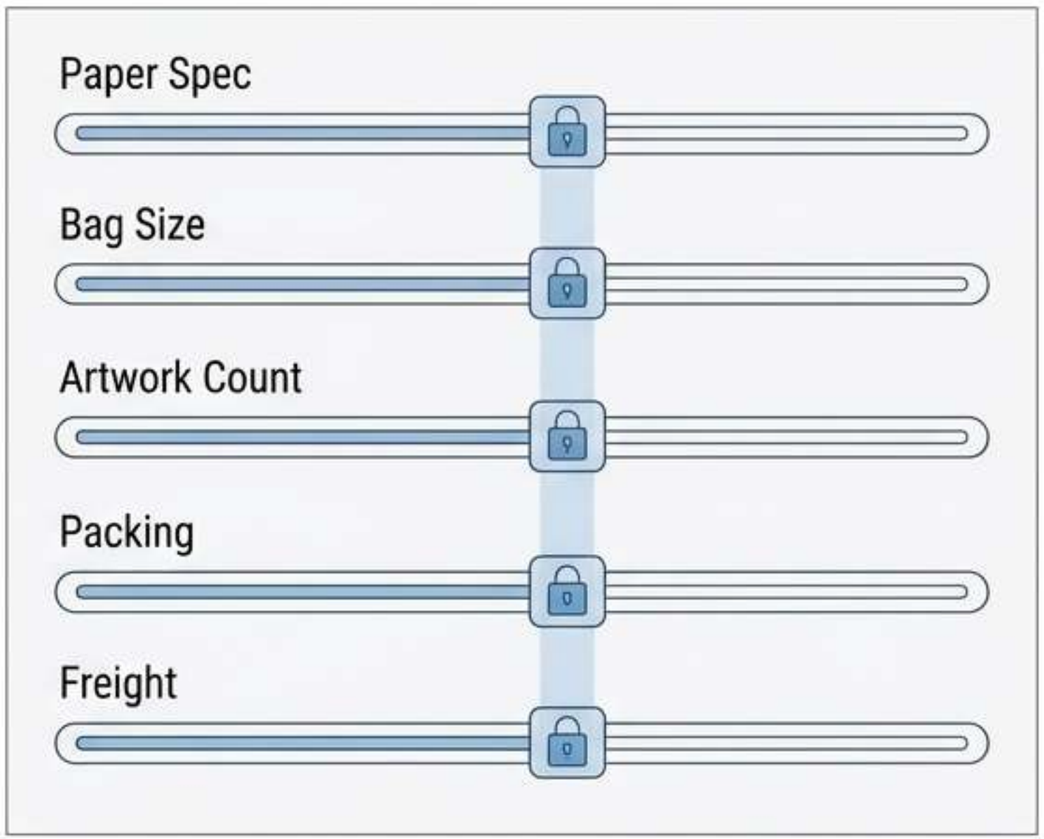
The Requirement: Reproduce actual lifting and movement with the intended filled contents.

- [ ] Determine if contents load the bottom evenly or concentrate force in a corner.
- [ ] Test duration and handling sequence must mirror real-world retail transit.
- [ ] Capacity must be determined by this test, not inferred from paper GSM.

Aligning the packaging route to the priority

Packaging Route	Reason to Evaluate	Main Purchasing Caveat
Printed White Kraft (ZPCPB0006)	**Evaluate for:** White-background branding.	**Caveat:** Requires validation of color, attachments, and fit.
Plain White + Label	**Evaluate for:** Changing designs / limited demand.	**Caveat:** Must include application labor in cost comparison.
Natural Brown Kraft	**Evaluate for:** Brown-paper aesthetic.	**Caveat:** Do not assume a strength advantage over white without samples.
Coated Art-Paper Bags	**Evaluate for:** Decorative/luxury presentation.	**Caveat:** Compare finishing, construction, and disposal requirements separately.
Handleless Food Bags	**Evaluate for:** Different service format.	**Caveat:** Food-contact and barrier suitability require separate documentation.

Isolating variables in quote comparisons



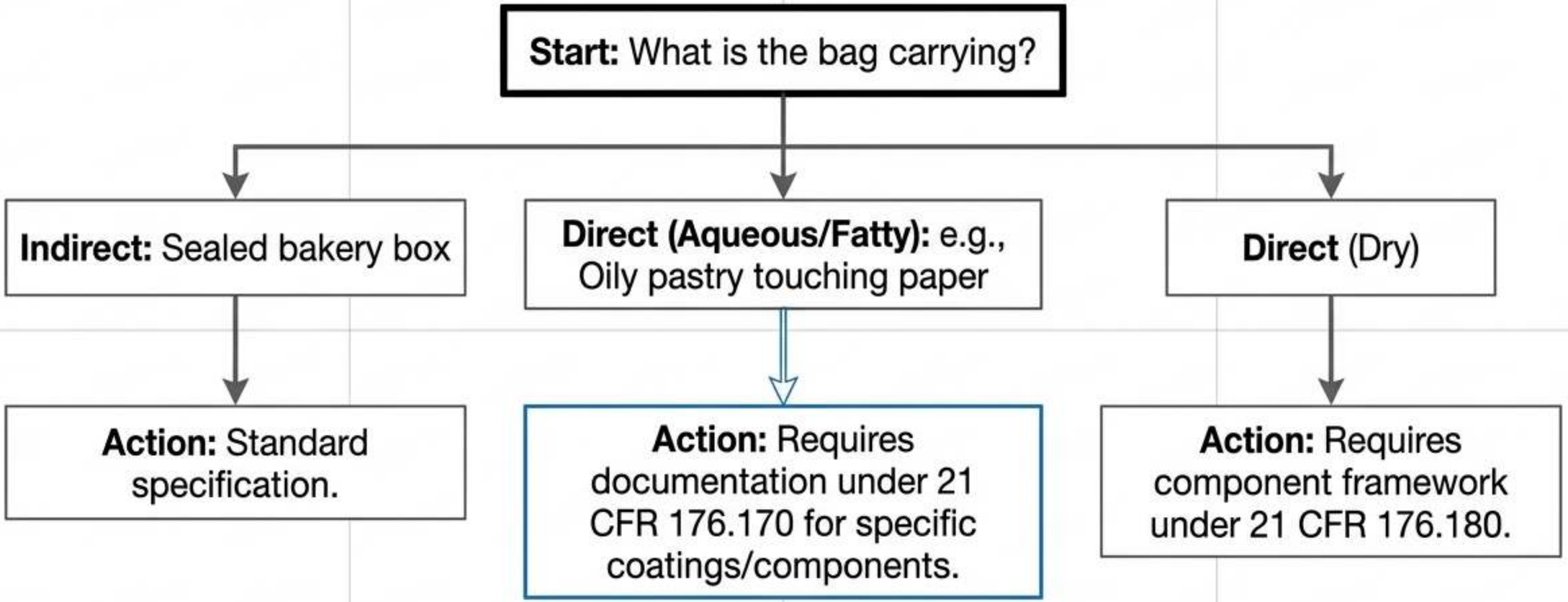
Lock the Variables: To see what actually causes a price difference, demand that paper spec, bag size, artwork count, packing, and freight are identical across quotes.

Factor the Labor: For plain bags with labels, add the internal branding labor to the unit price.

Evaluate Repeat Cost: Compare usable packaging cost, not the initial unit quote.

A more deliberate presentation (printed vs. plain) is not automatic evidence of measurable sales uplift; base decisions on **total usable cost.**

Documenting food-contact suitability



Barrier Realities & PFAS: Untreated paper is not greaseproof. Note FDA updates: relevant PFAS grease-proofing substances were withdrawn from U.S. sales (Feb 2024), and related notifications became ineffective (Jan 2025). Request current documentation, not generic 'PFAS-free' labels.

Evidencing environmental and disposal claims

White kraft paper and twisted handles do not automatically establish environmental status. ZPCPB0006 carries no verified baseline claims.



FSC Claims.

Requires applicable certificate, product scope, and label authorization. A sourcing cert is not a recycling assessment.



Recycled Content & Recyclability.

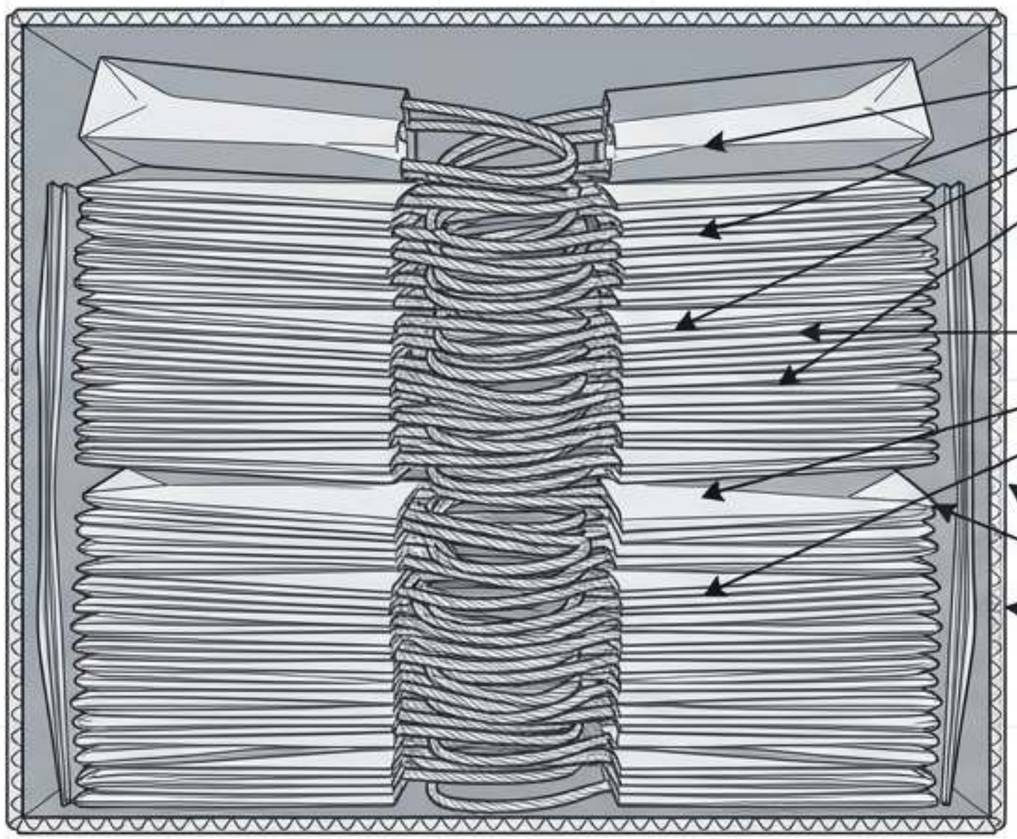
Assess the complete material construction (including coatings/attachments). Under 16 CFR 260.12, unqualified U.S. recyclable claims require minimum 60% community access to appropriate facilities.



Compostability.

Needs evidence for the actual structure and intended disposal setting; cannot be inferred from paper appearance. Water-based ink alone does not ensure local acceptance.

Protecting the configuration in transit



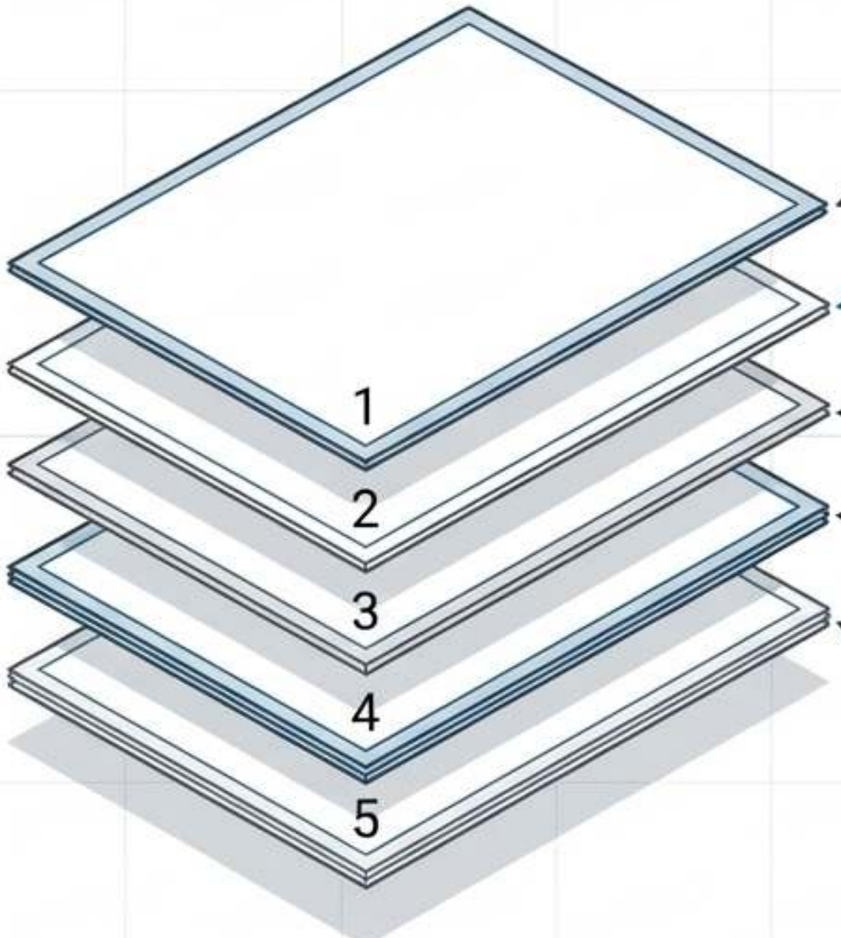
Handle Stacking: Ensure handles do not cause localized crushing to the bags beneath them.

Surface Friction: Packing arrangement must prevent printed faces from rubbing together during transport handling.

Carton Deformation: Outer packaging must protect against compression. The goal is preserving appearance, not maximizing carton capacity.

Agree on a reporting window, defect criteria, and remedy before dispatch. Do not assume a standard refund policy exists.

The reorder preservation protocol



1. **The Signed Physical Sample**: The ultimate structural baseline.
2. **The Construction Drawing**: Confirms dimensional tolerances.
3. **The Artwork Revision**: Locks layout and color references.
4. **The Material Reference**: Prevents unauthorized paper or adhesive substitution.
5. **Inspection Findings**: Baseline for acceptable defect rates.

Repeating a product name alone does not ensure the next batch matches the previous one. Require proposed changes to be identified before approval.

The Final Specification Brief for ZPCPB0006

- [ ] Packed-product dimensions and intended orientation
- [ ] Intended contents, weight, and handling conditions
- [ ] Paper weight (g/m²) and required attachments
- [ ] Artwork files, color references, and printable area limits
- [ ] Moisture, condensation, or oil exposure conditions
- [ ] Required regulatory documentation (e.g., 21 CFR 176.170)
- [ ] Destination and packing arrangement requirements

Connect dimensions, paper, attachments, artwork, and packing to one approved configuration to receive an accurate, configuration-specific quote.