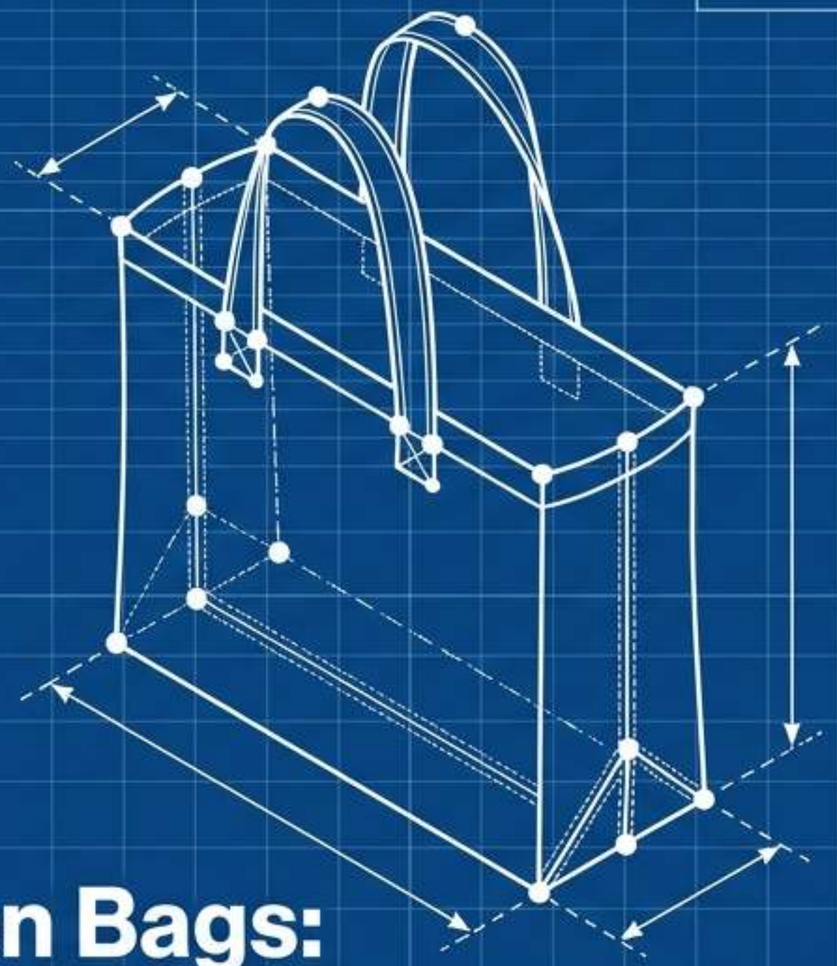
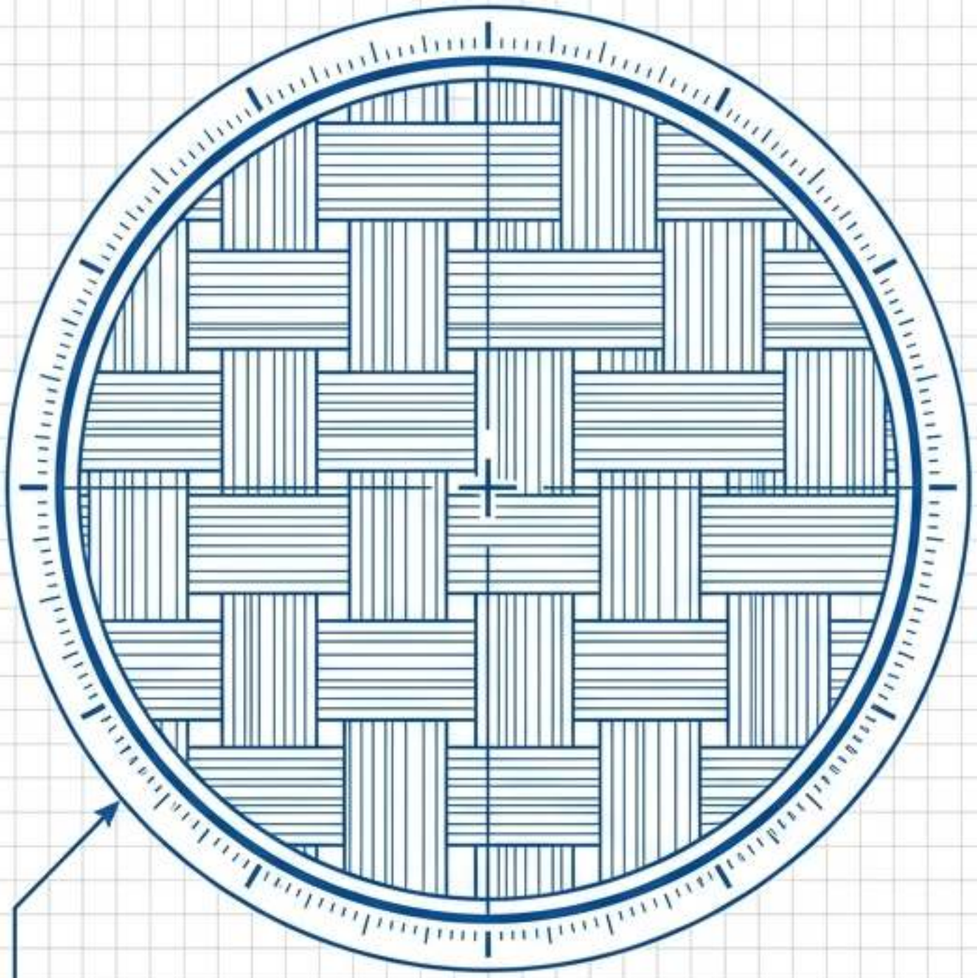
DOCUMENT REF: 718-PP-WOV // STATUS: DIAGNOSTIC PROTOCOL



Custom PP Woven Bags: The Buyer's Source Brief

Engineering structural packaging for industrial, retail, and transport applications.

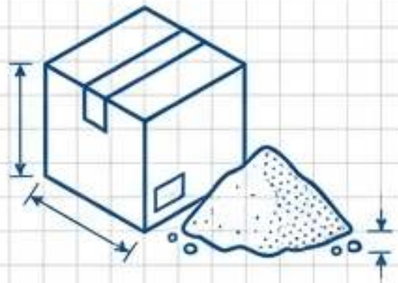
ZIGPAC



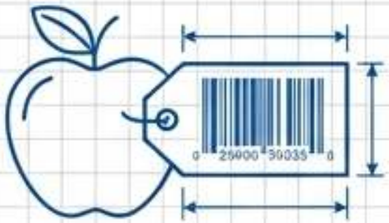
Polypropylene (PP) woven bags utilize a woven tape fabric substrate. This construction is engineered specifically for industrial, reusable, or load-conscious applications where standard flexible packaging fails.

Application Drivers

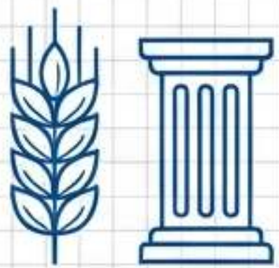
The intended contents dictate the construction architecture. Construction variables include sewn bodies, finished edges, handles, gussets, linings, laminations, and closures.



Boxed goods & Loose products



Groceries & Retail samples



Agricultural & Institutional items

Uniforms & Textiles

CRITICAL: Do not assume a generic tote construction will suit sharp, heavy, dusty, moisture-sensitive, or food-conta

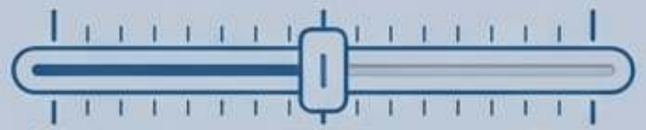
Material Diagnostic Matrix: Substrate Engineering Overlaps

	Custom PP Woven	Non-Woven Promotional Totes	Paper Shopping Bags	Flexible Retail Polybags
Load-Bearing Capacity	Maximum Load	Light Duty	Weight Limited	Stretch-Prone
Puncture Resistance	High Puncture Resistance	Low Puncture Resistance	Tear-Prone	Low Resistance
Reusable Lifespan	Long-term Reusability	Short-term Reusability	Single / Limited Use	Single-use
Moisture Tolerance	High Tolerance	Moderate	Zero Moisture Tolerance	Waterproof
Structural Rigidity	Highly Engineered	Soft / Flexible	Rigid but Brittle	Non-structural

The practical distinction is the woven substrate. Substituting paper, non-woven, or polybag assumptions for woven-bag engineering will result in structural failure.

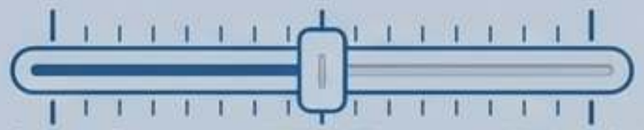
Core Use-Case Variables: Operational Baselines

Carried Weight



VALUE: MID-RANGE

Carry Distance



VALUE: MID-RANGE

Handling Frequency

VALUE: HIGH-FREQUENCY

Environmental Exposure

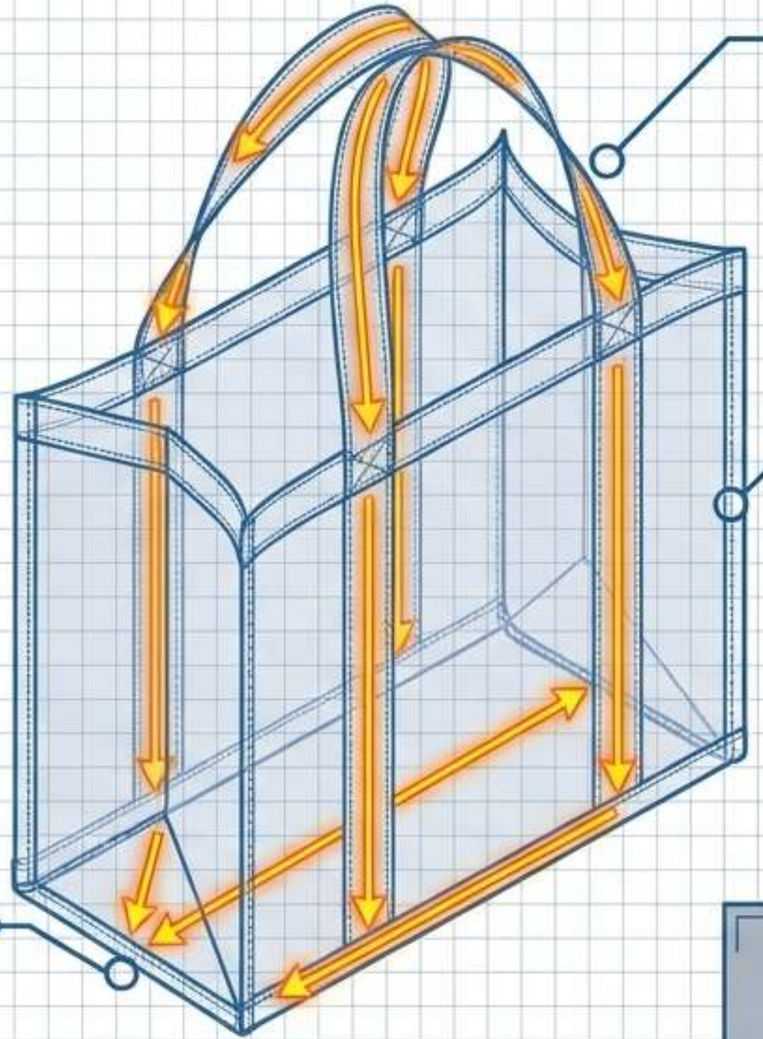
- Indoor
- **Outdoor**
- UV Exposure

Storage Conditions

- **Fold Flat**
- Stand Open

Establish these physical use conditions prior to requesting a quotation. These operational realities dictate the structural baseline of the RFQ.

Anatomy of a Load Path



Handles & Stitching: Force originates here. Handles and stitching are primary structural load paths, not decorative additions.

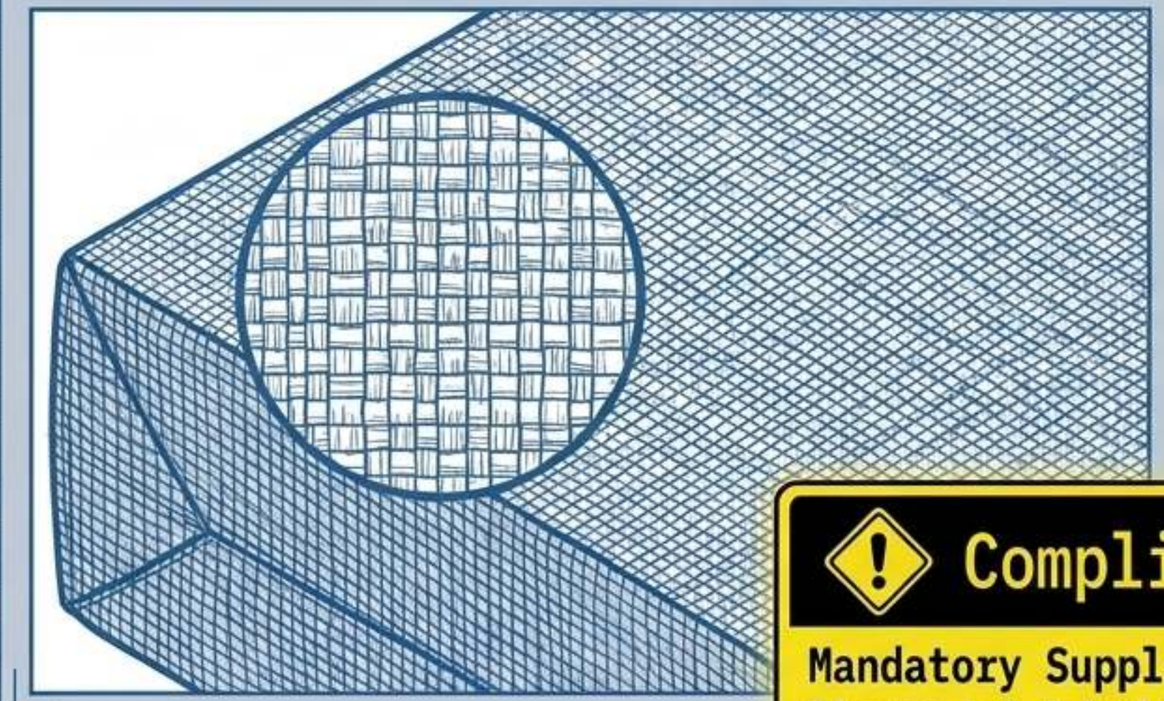
Gussets: Gussets dictate the usable internal volume and geometric shape, impacting how the load settles.

Base Seams: The terminus of the load path, requiring reinforced seam construction to prevent blowout.

A woven bag is an engineered structure. Every point of attachment and seam must be calculated against the intended weight force.

Surface, Finish, and Compliance Constraints

Natural Woven Appearance



Prioritizes raw material texture and hand feel. Changes recyclability discussions.

Laminated/Coated Face

Required for high-fidelity graphics, wipeability, moisture resistance, or loose-product containment. Requires specific print preparation.

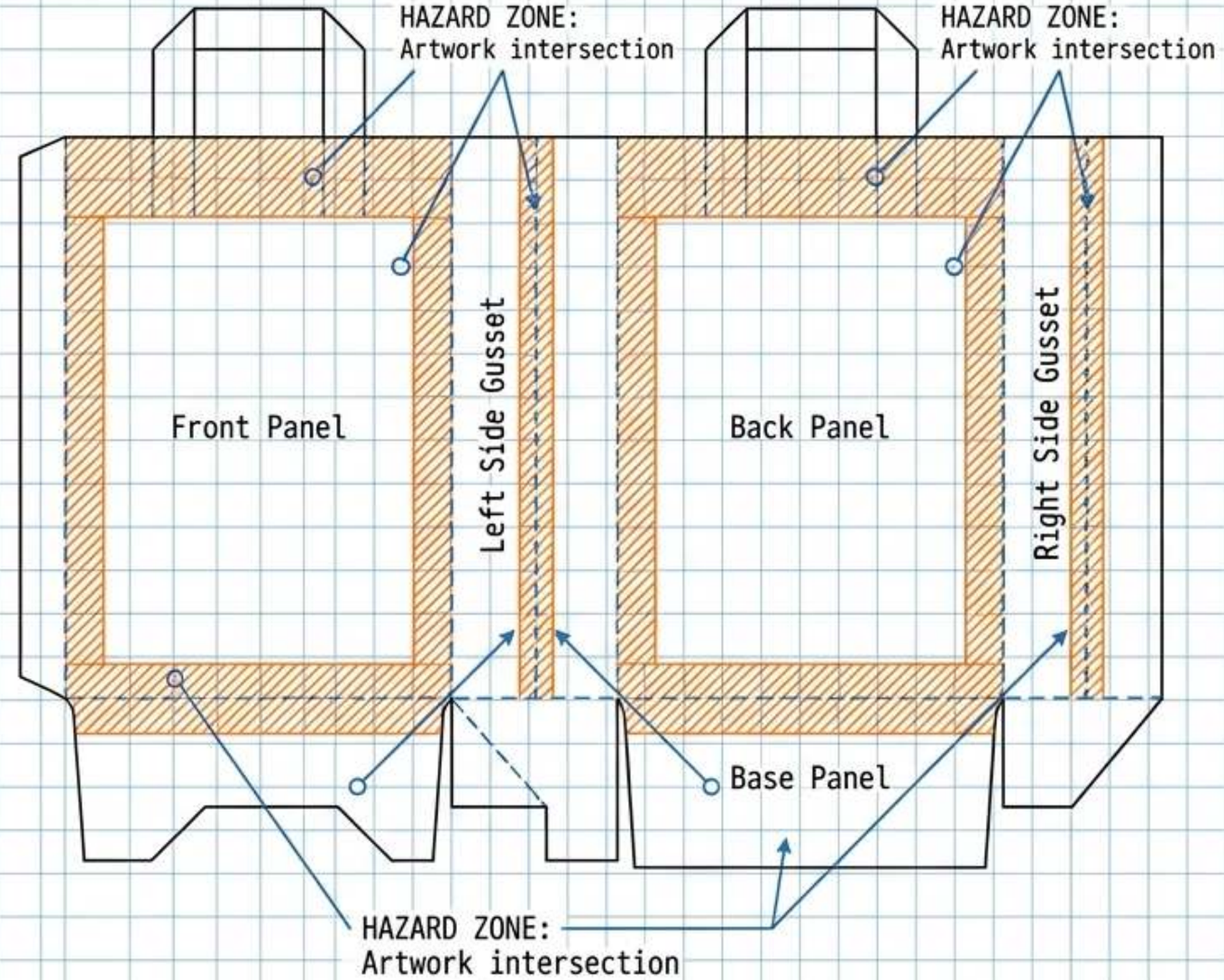
Compliance Review

Mandatory Supplier Review Triggers

If your brief includes any of the following, they must be stated as explicit requirements for review, never assumed:

- Restricted substances
- Food-contact certification
- Recycled content percentages
- Destination-market legal requirements

Artwork & Dieline Engineering



TECHNICAL SPECIFICATIONS

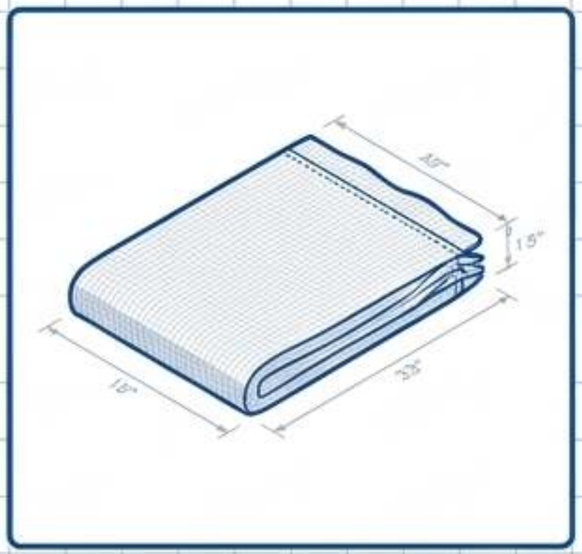
Structural Dimensions Required:	Finished width, height, gusset depth, handle position, closure type, and seam allowance.
Asset Requirements:	Supply vector logos, linked high-res images, exact brand colors, and clear artwork orientation.
Print Content:	Specify essential copy, barcode placement, and mandatory legal marks.
Visual Reference:	Supply visual references for laminated/coated finishes to identify critical surfaces.

Note: Acceptable print variation tolerances will be established only after supplier artwork review.

ZIGPAC

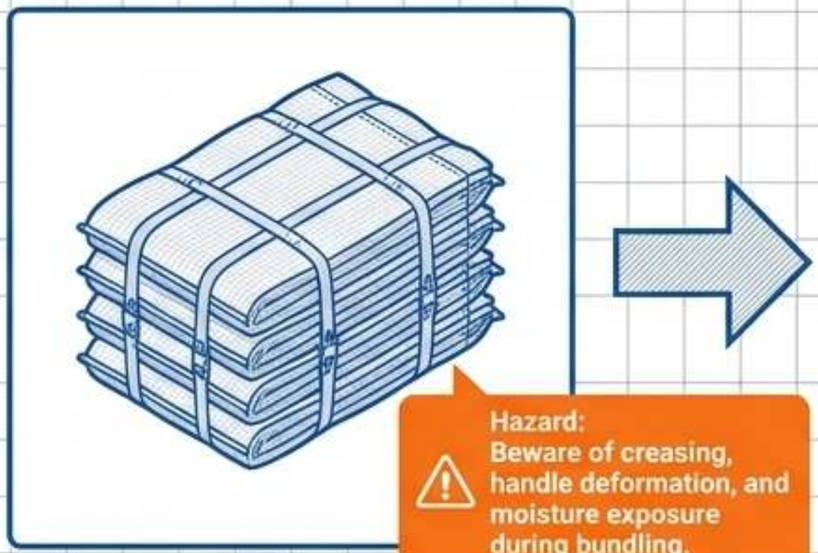
Logistics & Packing Economics

The Unit



Variables: Total quantity, number of artwork variants, quantity required per artwork.

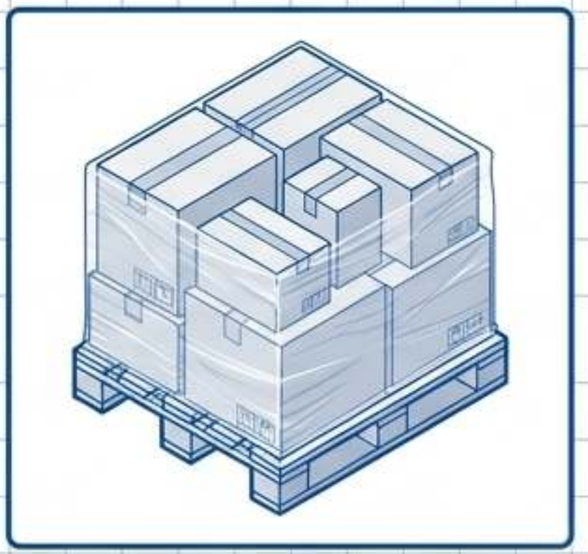
The Bundle



Hazard:
Beware of creasing, handle deformation, and moisture exposure during bundling.

Variables: Bundling method, protection, labeling.

The Pallet/Destination



Variables: Destination routing, preferred delivery format, mixed-SKU identification protocols.

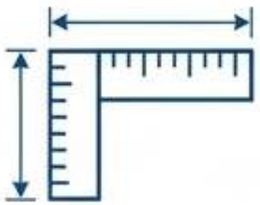
Scale alters economics: A low-volume pilot run and a large repeat run warrant entirely different sourcing discussions. Do not assume identical setup costs or production parameters.

The RFQ Synthesis Checklist

1 Context

Describe contents, carrying use, handling frequency, and environment.

2 Structure

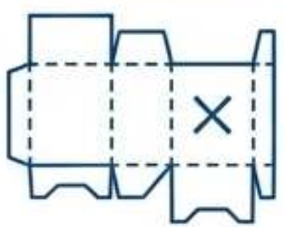


Provide finished dimensions, gussets, handle style, seams, and closure.

3 Finish

State woven appearance, coating/lamination needs, and any lining requirements.

4 Artwork

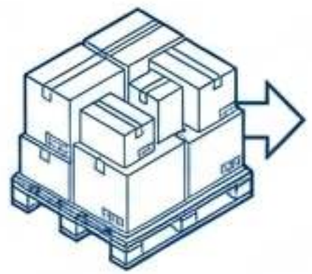


Supply print files, colors, panel map, and define critical graphic areas.

5 Compliance

Identify compliance, recycled-content, food-contact, or testing requirements.

6 Logistics



Give quantities by artwork, destination, packing preferences, and date context.

7 Validation

Request prototype, material, and print confirmation for critical parameters.

ZIGPAC

Procurement Guardrails & Limitations

This brief does NOT act as a promise or guarantee of:

- Material grade or specific capacity limits.
- Coating integrity or specific print method application.
- Testing results or regulatory certifications.
- Minimum Order Quantities (MOQ), final price, or lead times.

Custom PP woven bags are appropriate when a woven, reusable construction is central to your brief.

Final technical and commercial commitments require formal quotation, artwork review, and material testing by the supplier.

Never substitute non-woven, paper, or flexible polybag assumptions for true woven-bag engineering.