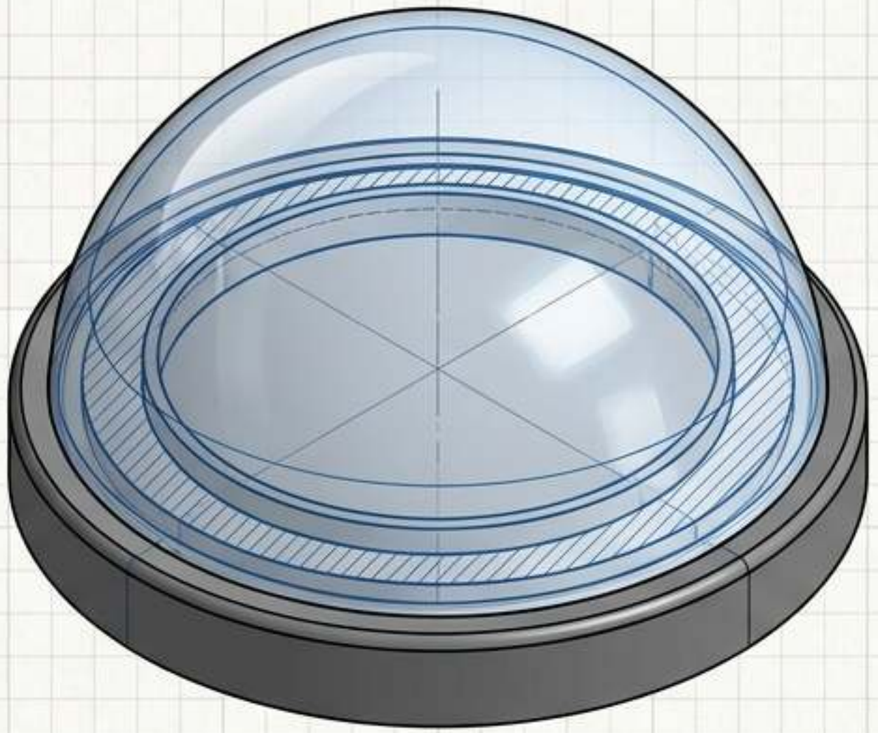
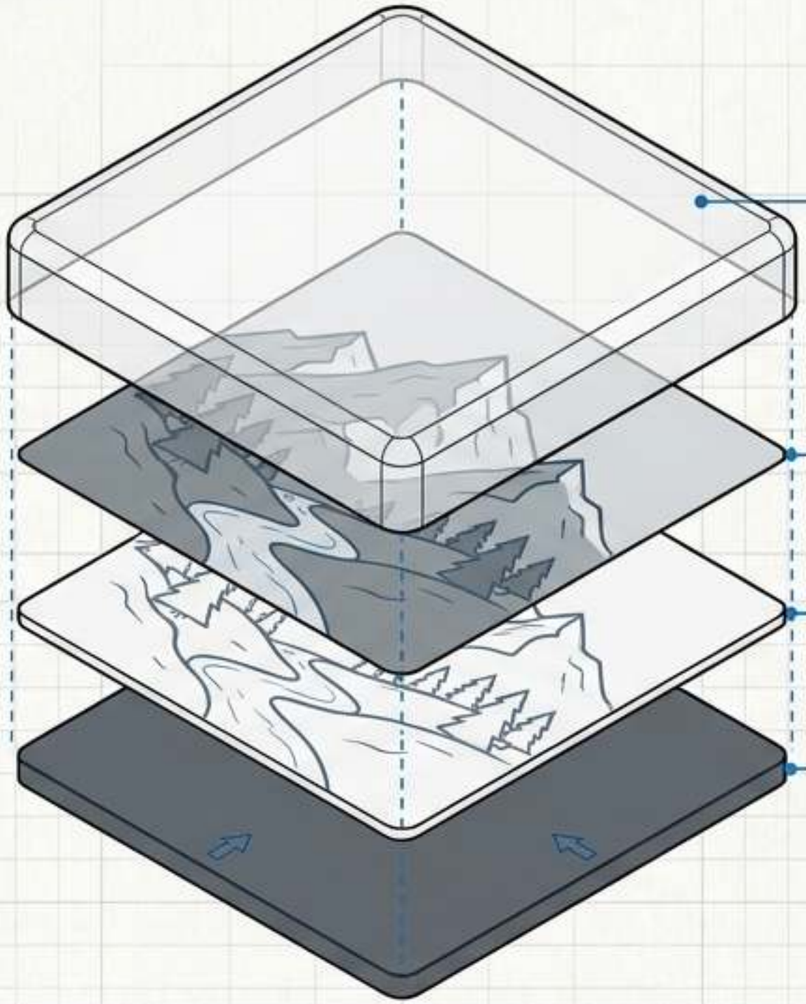
ZIGPAC Buyer Guide: Custom Printed Epoxy Fridge Magnets

Procurement Protocol & Specification Parameters for Logos, Photos & Souvenirs (Ref: ZPCM0004)



This guide separates established product identity from variables requiring project-specific quotation, sampling, and testing.

The Core Construction: A Layered Assembly



Clear Raised Epoxy Dome: Provides glossy presentation and seals the artwork.

Printed Artwork: The custom image, logo, or destination.

Print Substrate: The base layer carrying the ink.

Magnetic Backing: The functional attachment layer.

Crucial Distinction: This is a layered assembly, distinct from a sculpted resin souvenir, handmade casting with dried flowers, or an industrial component with a thin protective coating.

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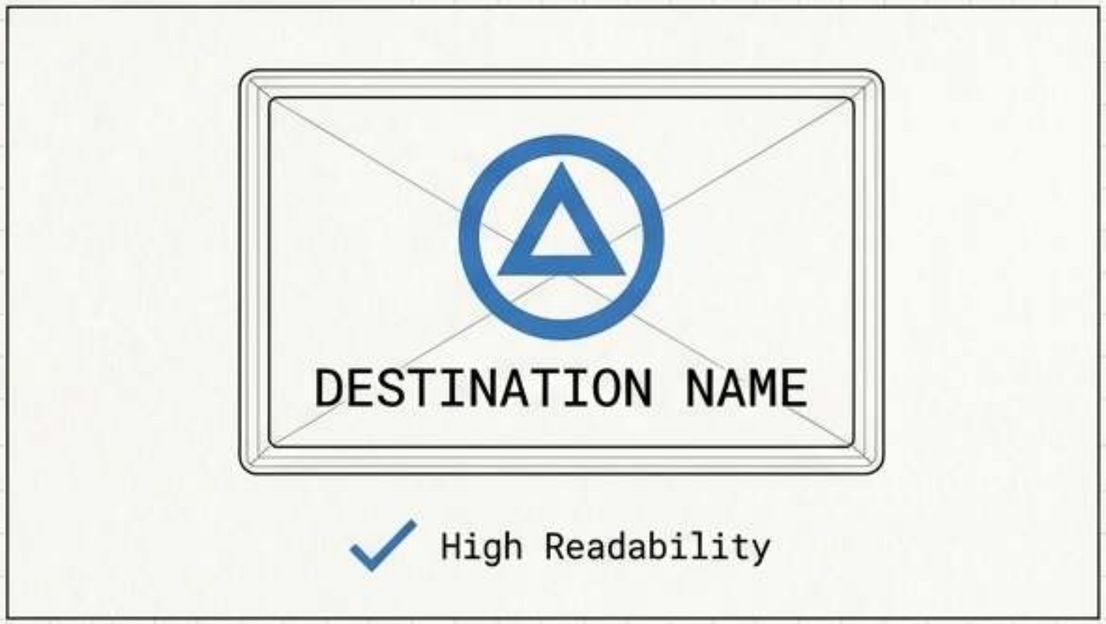
The Specification Baseline: What to Request

Confirmed Architecture	Project-Specific Variables
 Printed artwork beneath a raised clear dome, paired with a magnetic backing.	☐ Finished **dimensions (mm)** and **unit weight (g)**. ☐ **Minimum Order Quantity (MOQ)** and **production timeline**. ☐ **Magnetic holding capacity** and intended **surface compatibility**. ☐ **Environmental durability** and **material formulation**.

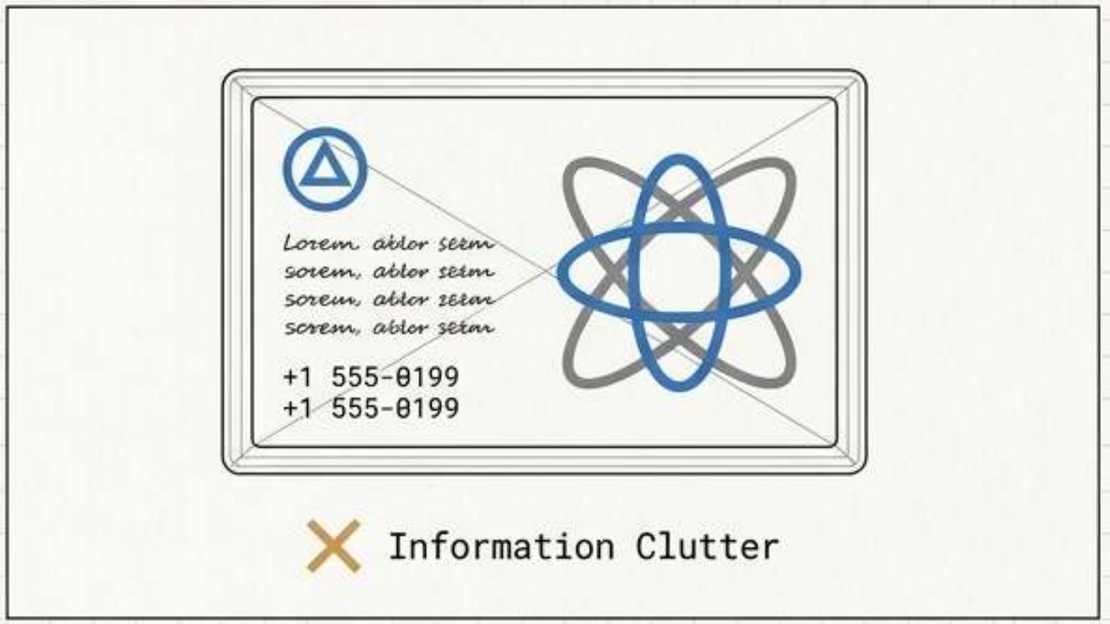
No product-specific factory specifications or blanket purchasing terms apply to the variables on the right. They must be established through quotation and sample confirmation.

Visual Priority: Designing for the Physical Object

Panel A - Optimal



Panel B - Sub-optimal



Event Keepsakes

Verify names and dates at actual printed size.

Promotions

Separate primary identity from secondary contact details. Do not shrink a complete brochure into a magnet.

QR Codes

A digital QR file is meaningless; scan testing must be performed on the physical domed sample.

Artwork Preparation Parameters



File Fidelity

Provide original files, not screenshots. Target resolution: **~300 dpi** at **final print size**.

Changing export settings cannot restore missing original detail.



Cut vs. Print

Separate instructions for the cut outline from the printed image to identify conflicts early.



Review Elements

Confirm spelling, dates, narrow features, and closely placed details that require feasibility checks.



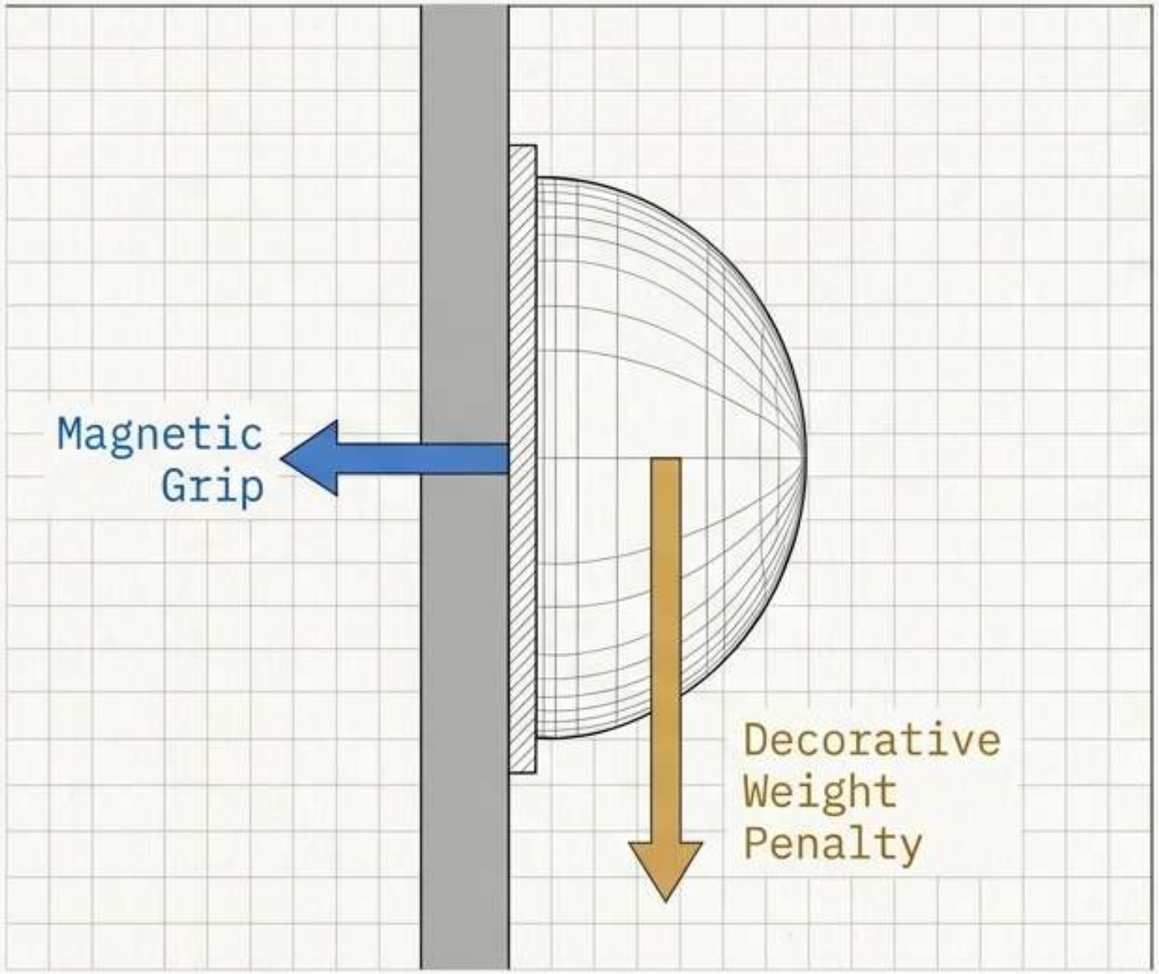
Version Control

Assign a distinct **artwork revision number** to each design and its specific order quantity.

Request exact **bleed/safe areas** before final export.

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Attachment Mechanics: Managing Weight vs. Capacity



The Weight Penalty

A decorative dome adds physical weight without contributing to magnetic strength.

Surface Compatibility ≠ Capacity

Sticking to a metallic surface does not guarantee paper-holding capacity. Both depend on physical dimensions, loading conditions, and validation.

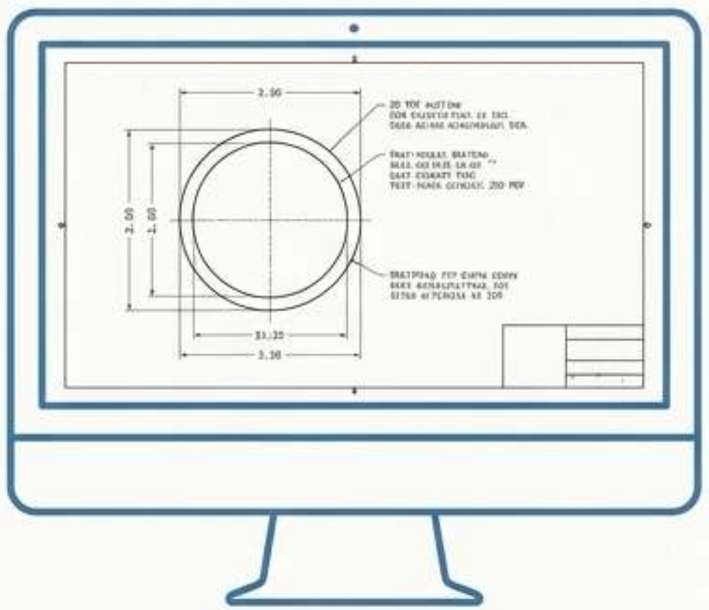
Component Selection

Discuss flexible ferrite vs. discrete magnetic components. Verify how the backing is secured and whether the contact face remains entirely flat against the appliance.

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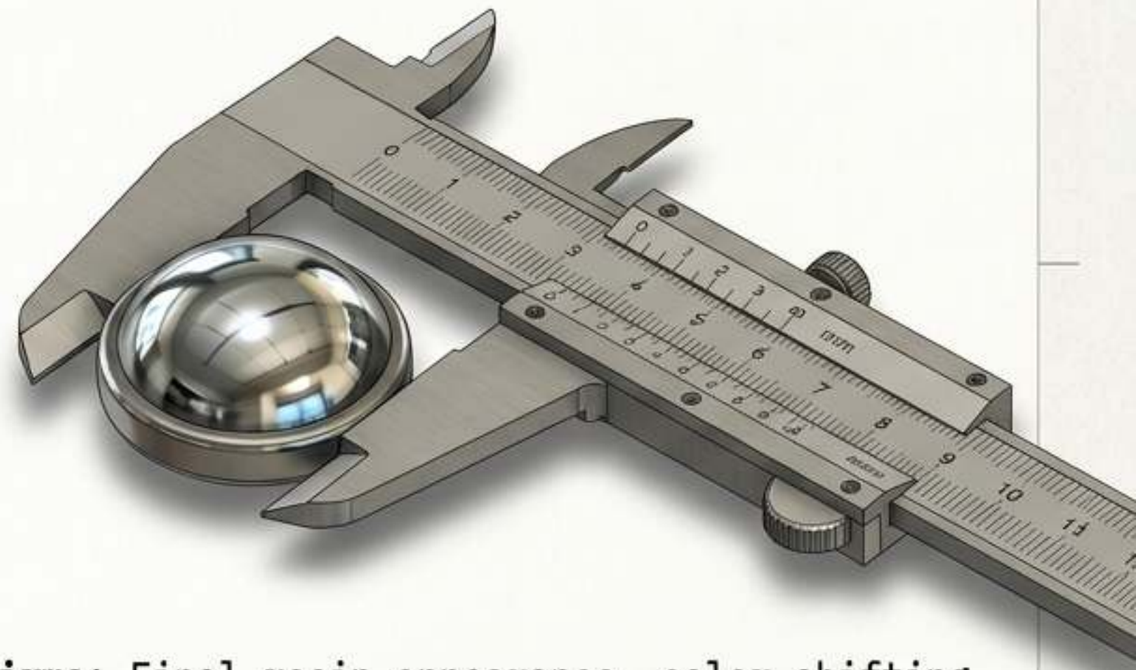
The Evaluation Divide: Digital Proof vs. Physical Sample

The Digital Proof



Confirms: Layout positioning, text accuracy, orientation, and wording.

The Physical Sample



Confirms: Final resin appearance, color shifting under the dome, edge finish quality, and magnetic attachment performance.

Digital approval and physical sample approval are separate decisions. One cannot substitute for the other.

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The Production Approval Workflow

Gate 1: Confirm Construction

Identify substrate, dome material, backing, and attachment. Resolve substitutions before sampling.

Gate 2: Approve Artwork

Verify the digital production proof against target dimensions and design revision.

Gate 3: Review Physical Sample

Examine face, dome, edges, and magnetic assembly as a single unit.

Gate 4: Set Acceptance Criteria

Establish inspection conditions, defect definitions, and handling of unacceptable results.

Gate 5: Release Order

Link the approved sample to final quantities, design allocations, packaging, and agreed scheduling.

Warning: Do not transfer DIY resin recipes or demolding times to commercial production.

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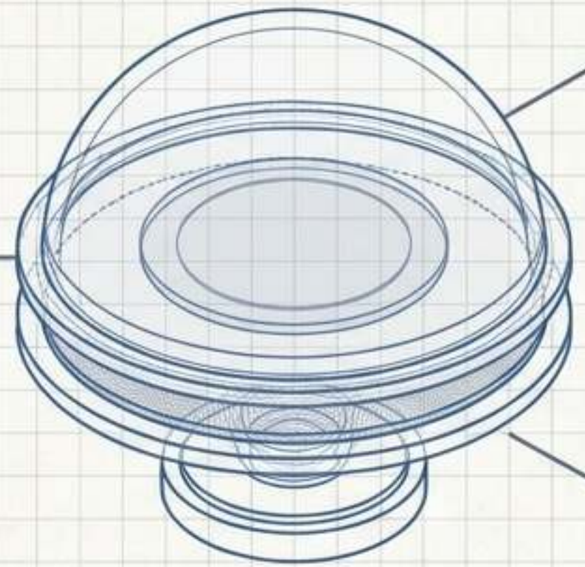
Physical Sample Inspection Protocol

Evaluation Parameter	Inspection Plan Record	Establishment Target
Appearance	Viewing conditions, approved reference.	Agreed visual criteria. (Record if a bubble obscures a logo; avoid 'handmade character' allowances).
Dimensions & Weight	Measured mm and g values.	Matches proposed construction.
Vertical Holding Trial	Surface, orientation, loading condition, movement over time.	Performance in that defined setup.
Attachment Integrity	Agreed handling/adhesion method.	Layers remain assembled under stress.
Pack-out Alignment	Design allocation, protective arrangement.	Shipment matches packing instructions.

Boundaries of Evidence: Reading Technical Data

Industrial Coating Tests

An industrial epoxy test does not certify the bond, scratch-resistance, or non-yellowing performance of a printed decorative face.



Component Corrosion Data

Corrosion tests for raw magnetic components do not establish the durability or service life of the fully assembled decorative product.

Pull-Force Measurements

A pull-force rating reported in Newtons (N) is a data point, not an automatic paper-holding guarantee.

Environmental assessment (waterproofing, UV stability) is limited strictly to the tested construction and conditions. Demand tests specific to this assembly.

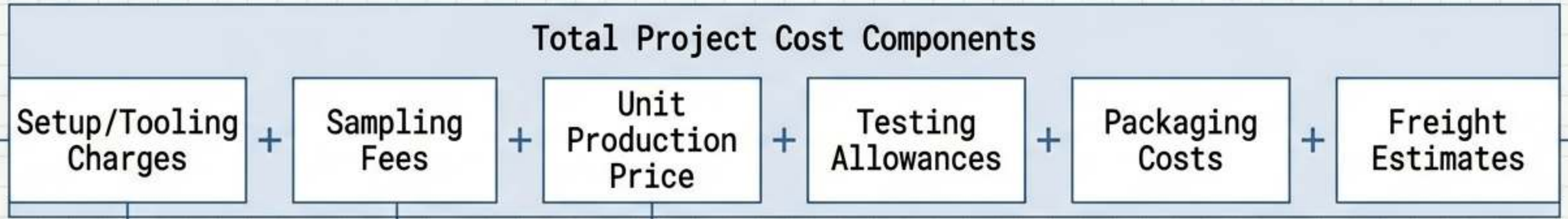
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Format Selection Matrix

Format Name	Design Presentation	Key Purchasing Question
Printed Epoxy-Domed (ZPCM0004)	Printed imagery beneath a raised glossy face.	Does the approved dome preserve the intended image and readability?
Flat Flexible	Flat printed presentation.	Would a simpler face meet the campaign brief?
Acrylic	Artwork presented with a rigid transparent layer.	Is this preferable to a poured liquid dome?
Molded PVC/Rubber	Raised shapes and molded design features.	Can the artwork be adapted to a molding process?
Metal/Enamel	Metal-based collectible styling.	Do tooling requirements suit the design?

Compare presentation formats before comparing price.
Decorative material alone does not establish magnetic holding capacity.

Structuring a Comparable Quotation



Unit Price vs. Setup

Do not assume custom outlines are free of setup charges, nor that domed printing requires sculpted silicone molds.

Minimums

Verify the Minimum Order Quantity (MOQ) per design, not just per order.

Timelines

Clarify the exact point at which production timing begins.

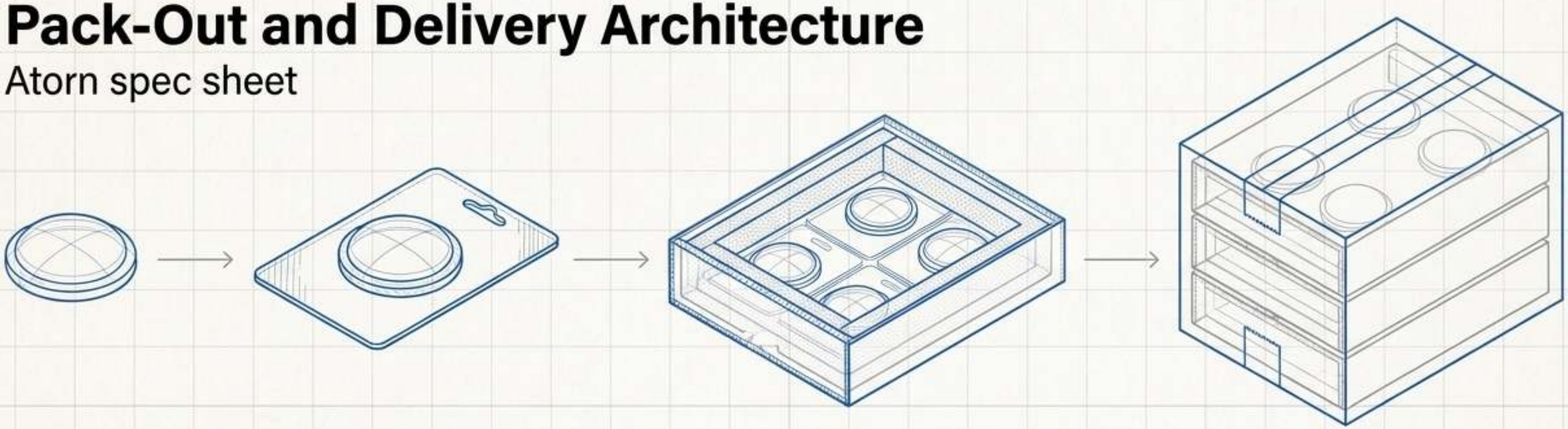
Comparability

Use the identical drawing, artwork revision, quantity, and packaging brief for every supplier quote.

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Pack-Out and Delivery Architecture

Atorn spec sheet



Design Allocation

Explicitly specify how multiple designs are mixed or separated in boxes.

Protection

Request supplier proposals for protecting the domed faces and edges during transit.

Freight Math

Carton capacity and unit fit depend on actual sampled dimensions. Freight estimates must use confirmed packed measurements, not guessed weight.

Resolution Protocol

Agree on how damage, shortages, and incorrect designs will be documented and resolved before order placement.

Safety, Compliance, and Care Limits



Compliance (REACH)

No generic supplier certificate acts as a complete environmental assessment.

For EU sales, a specific review of REACH obligations based on finished materials is required.



Magnet Safety Rules

"Not a toy" labels or an epoxy covering do not bypass safety testing.

US rule (<50 kG^2 mm^2) for loose magnets fitting a small-parts cylinder applies depending on intended use and marketing.



Care Instructions

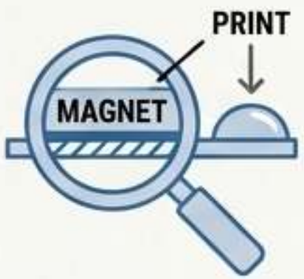
Define care based on the specific construction. General guidance: gentle wiping, avoid abrasive cleaners, prolonged sunlight, and heavy impacts. This is a care consideration, not a lifespan guarantee.

Synthesis: The Ultimate Quote Request Builder

[SKU]:	ZPCM0004 (Custom Epoxy Fridge Magnets)
[Artwork]:	Specific Revision Number & Orientation
[Dimensions]:	Target Width x Height (mm)
[Quantities]:	Total volume & breakdown per design layout
[Intended Surface]:	e.g., standard metallic refrigerator panel
[Packaging Required]:	e.g., retail backing cards + edge protection
[Required Testing]:	e.g., Vertical hold test for 3 sheets of A4
[Destination & Date]:	Delivery location and strict event timeline

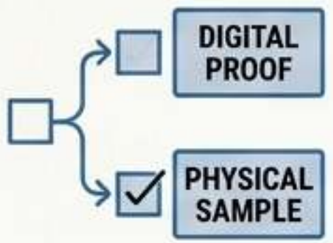
Flag any required functional or environmental tests before sampling so the quotation reflects the product you actually need.

Purchasing Protocol: Key Takeaways



Identity Dictates Expectations

This is a printed epoxy-domed magnet. It is not an industrial component or a sculpted resin cast.



Bifurcate Your Approvals

Use digital proofs for layout and text. Demand physical samples for dome clarity, edges, and magnetic attachment.



Demand Explicit Commercial Terms

Never assume MOQ, production time, unit weight, or pricing based on market averages. Force a project-specific quotation.



Evidence Must Match Assembly

Reject raw component data or generic material claims. Demand testing evidence that matches the actual finished, assembled product.