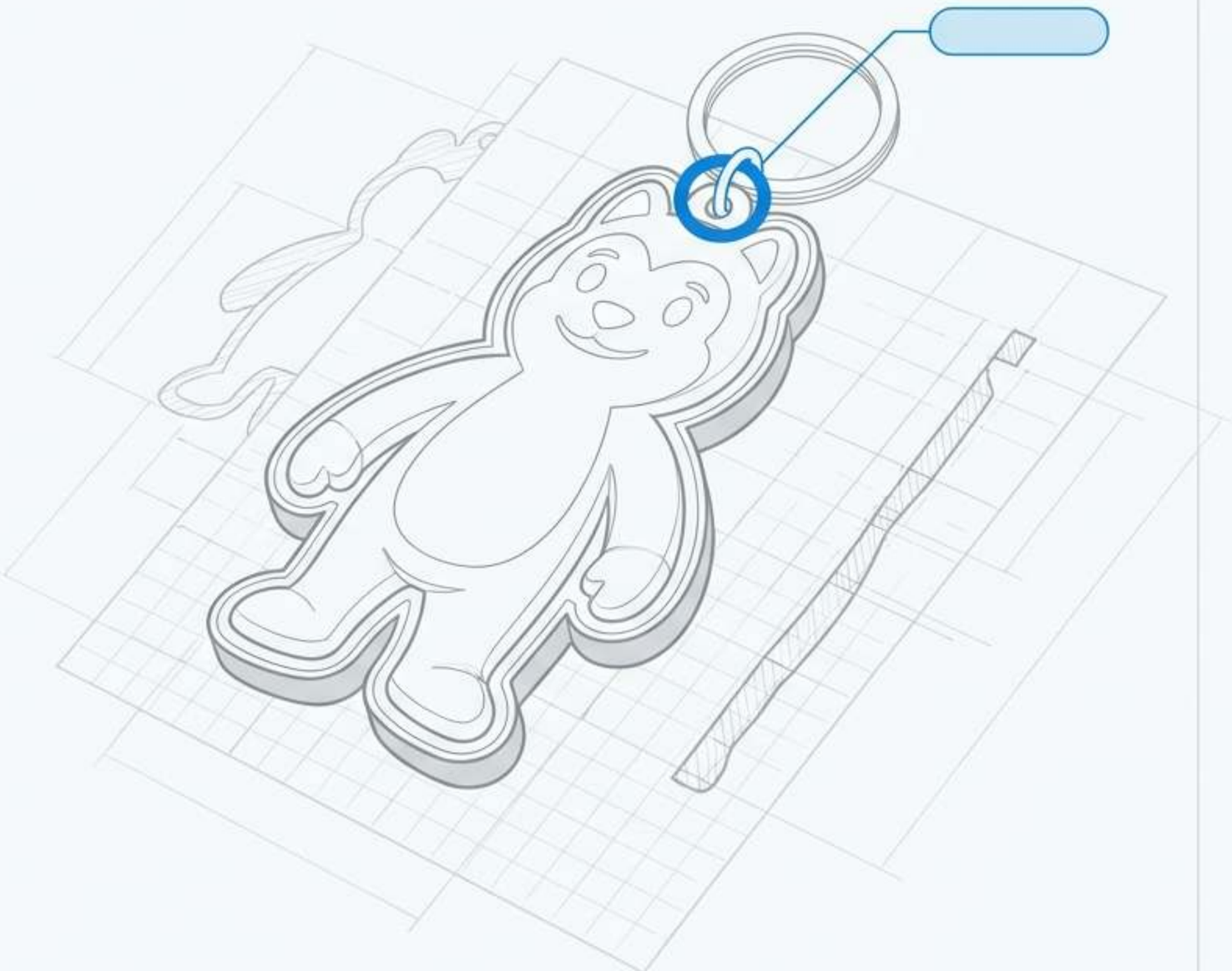
Custom 3D Molded Soft PVC Keychains

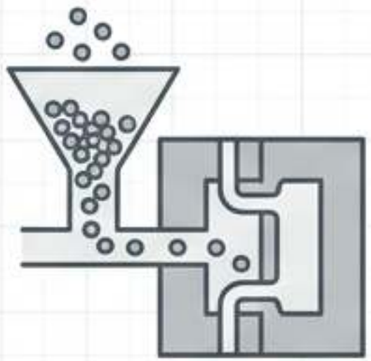
Procurement Blueprint & Buyer's Guide (SKU: ZPCK0005)



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Product Identity Verification

ZPCK0005: Custom 3D Molded Soft PVC



- **Category:** Rubber keychains
- **Body Material:** Soft PVC
- **Defining Feature:** Molded dimensional design

Requires Alternative Specification



Do not assume **'3D'** means a fully rounded figurine visible from every direction.
Do not treat **'rubber keychain'** as confirmation of silicone.

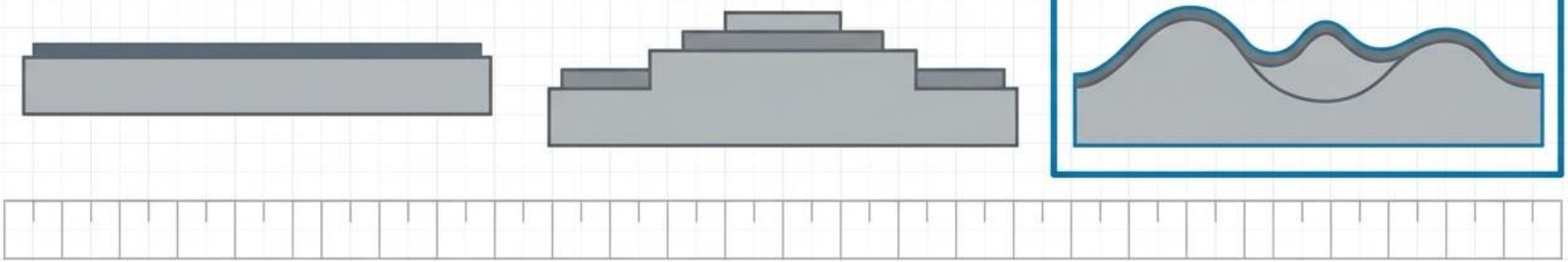
Topography: Defining the ‘3D Molded’ Structure

Relief Profile Diagram

Profile A (Flat Print)

Profile B (2D Stepped)

Profile C (3D Contoured)



The artwork is interpreted through raised areas, recessed details, and shaped contours. Establish front, side, and rear views to confirm the production drawing.

Construction & Material Matrix

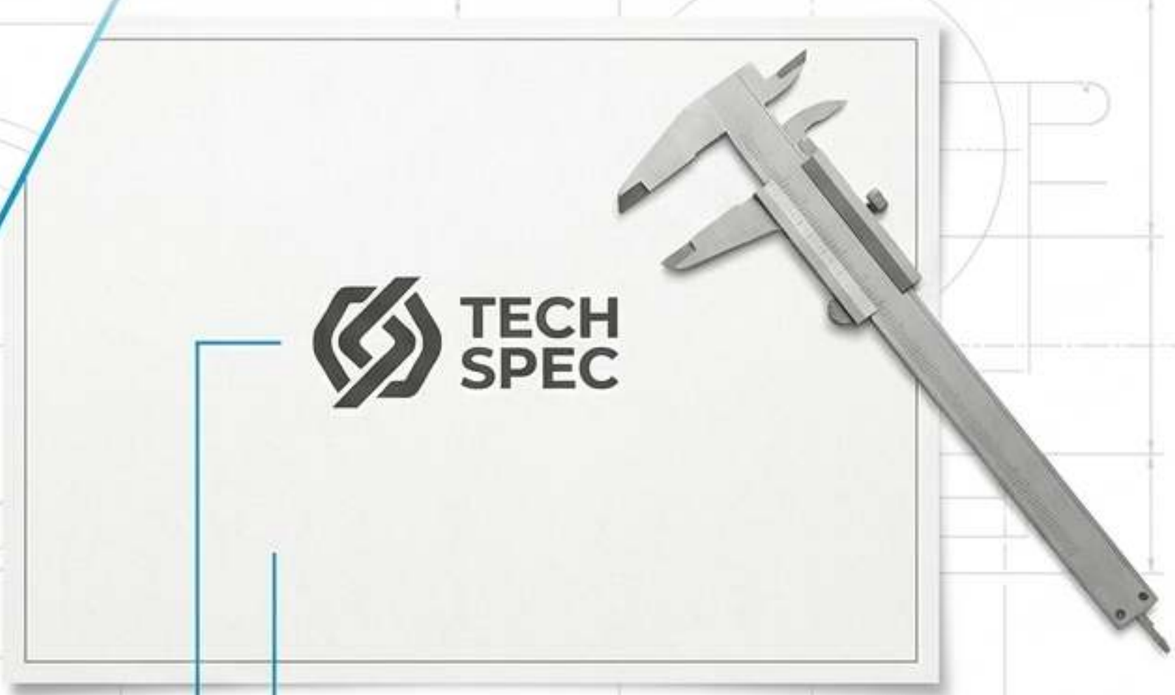
Material Route	Design Direction	Pre-Choice Resolution Gate
Contoured Soft PVC	Characters, tactile raised features	Resolve relief shape, readable details, mold cost.
Flatter Molded PVC	Logos or lettering without rounded sculpting	Resolve if reduced depth preserves identity.
Printed Acrylic	Photo-heavy artwork, gradients	Resolve print protection and handling behavior.
Metal or Enamel	Metallic presentation	Resolve finished assembly weight and surface treatment.
Silicone	Feel or specific exposure behavior	Resolve actual formulation and required test evidence.

These are comparison routes, not confirmed alternative SKUs. Evaluate against total committed spending and the cost of design changes.

The “Screen vs. Reality” Translation Risk



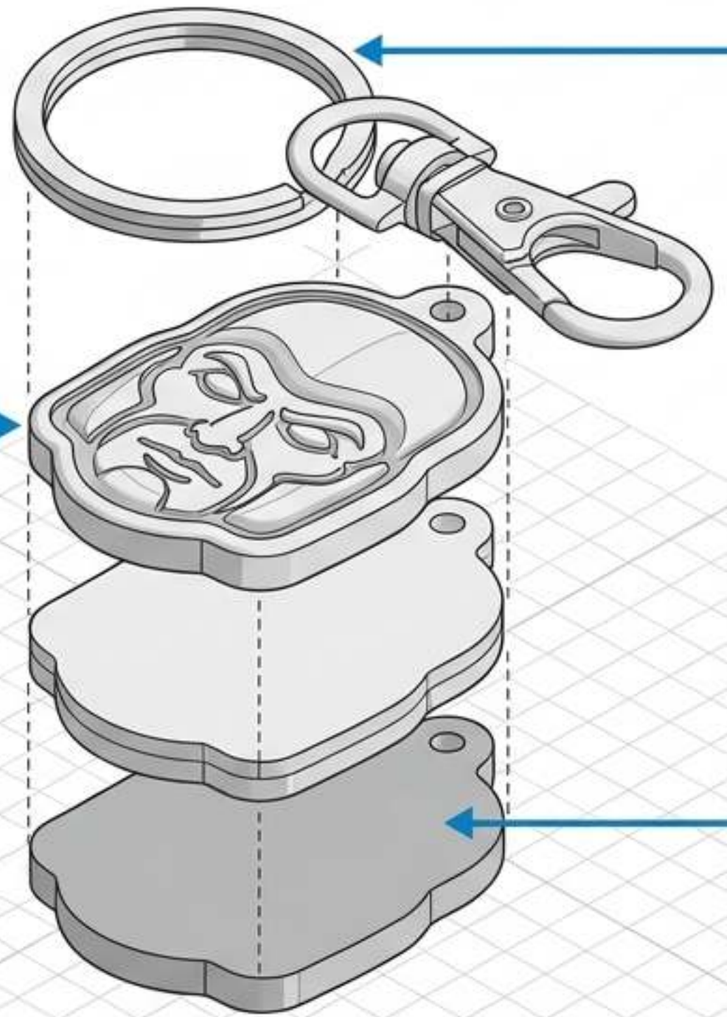
A large monitor preview hides narrow letter openings, small facial features, and closely spaced color boundaries.



There is no verified minimum text size for this product.

Action Required: Review a size-matched physical printout. Fine lettering, narrow gaps, and gradients require explicit design review and sample confirmation.

Anatomy of a Custom Keychain Assembly



Review surrounding PVC and connection point clearance.

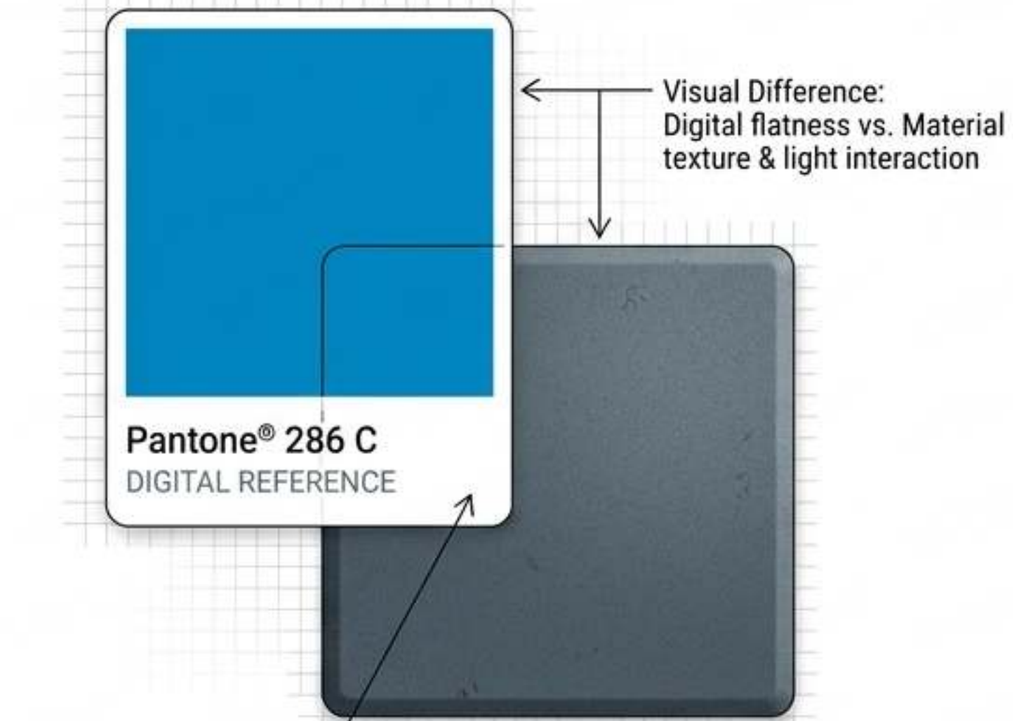
Define raised, recessed, rounded, or flat regions.

- Plain
- Molded
- Printed

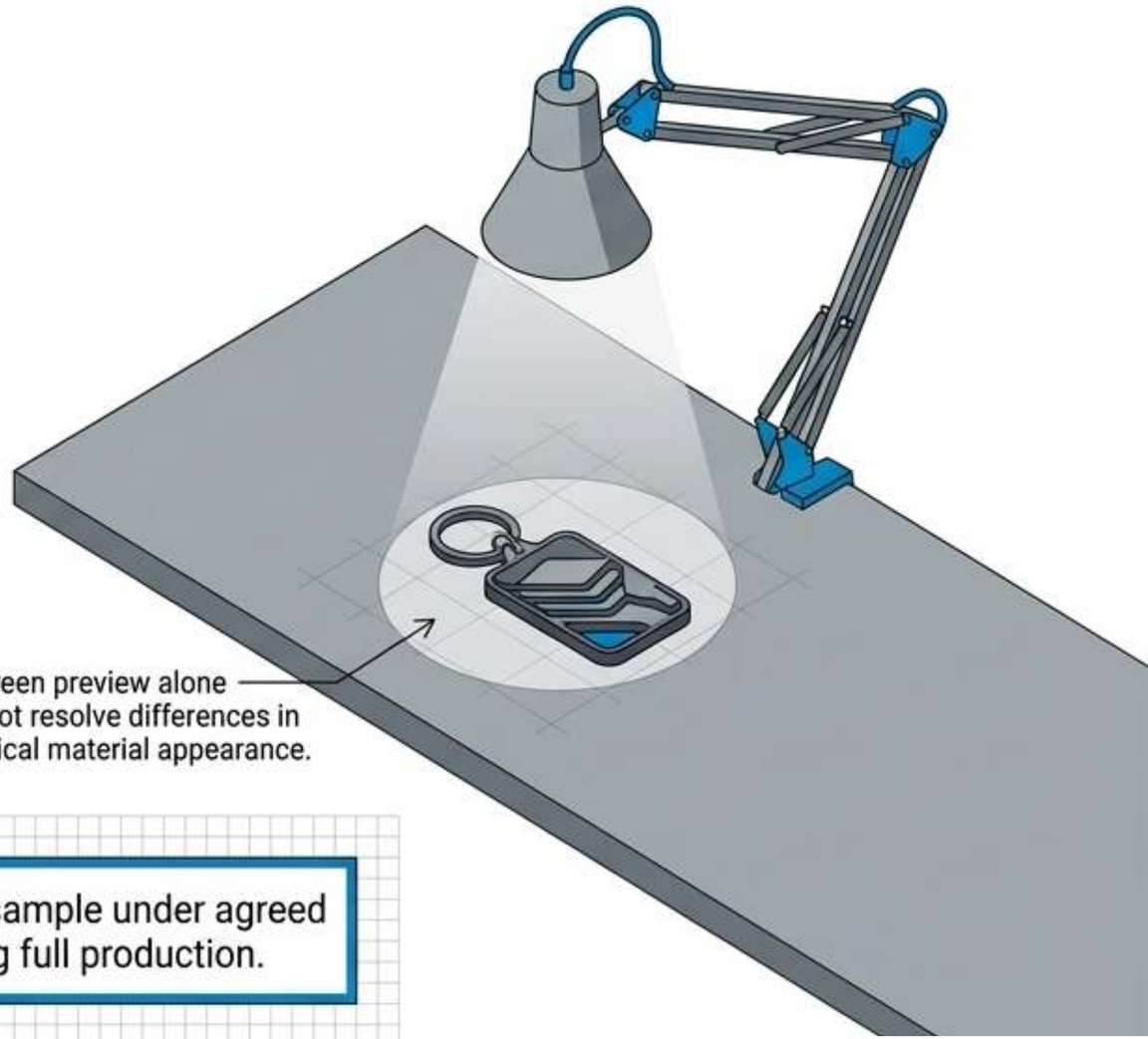
These are distinct constructions, not interchangeable.

Color Calibration & Brand Fidelity

Panel A: Digital vs. Material Color Intersection



Panel B: Physical Sample Under Controlled Lighting

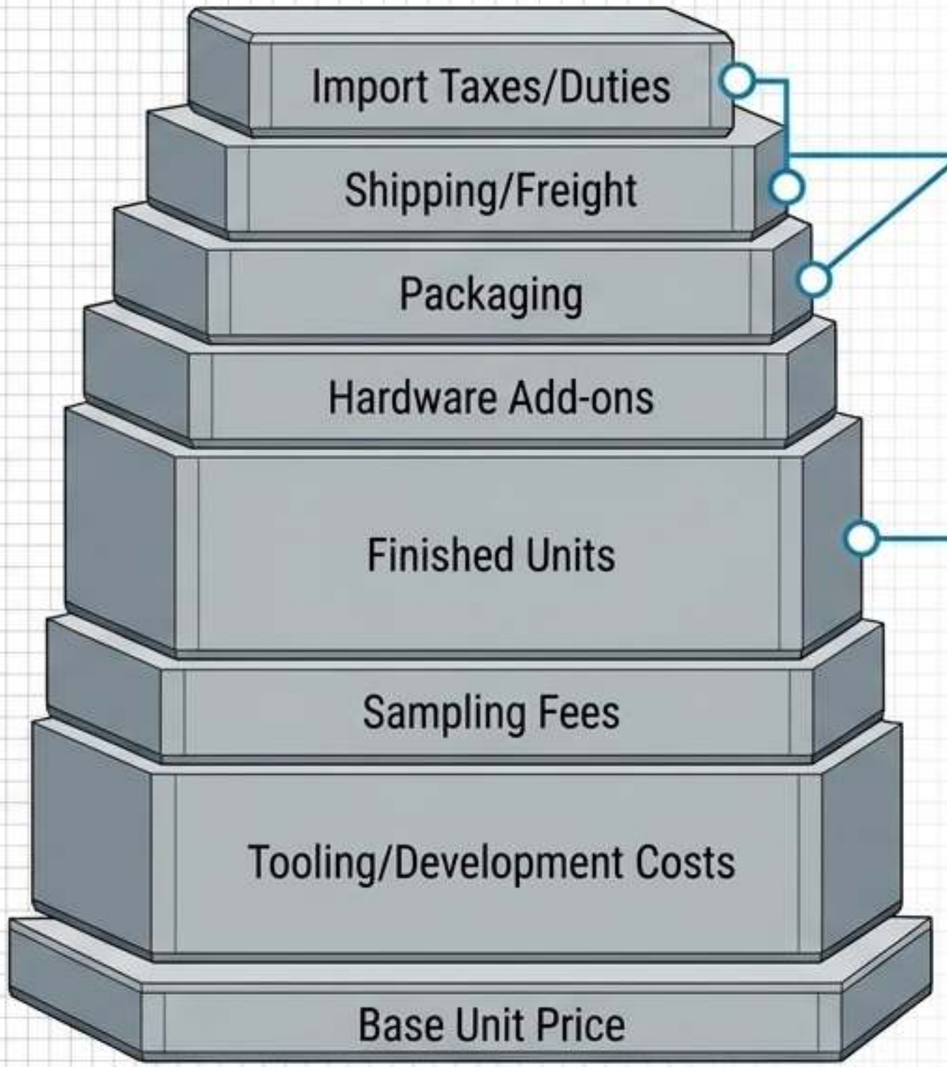


ACTION REQUIRED

Requirement: Approve the physical sample under agreed viewing conditions before authorizing full production.

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The Complete Cost Equation



A low unit price is an incomplete purchasing comparison.

Obtain itemized, written terms for the proposed design and quantity.

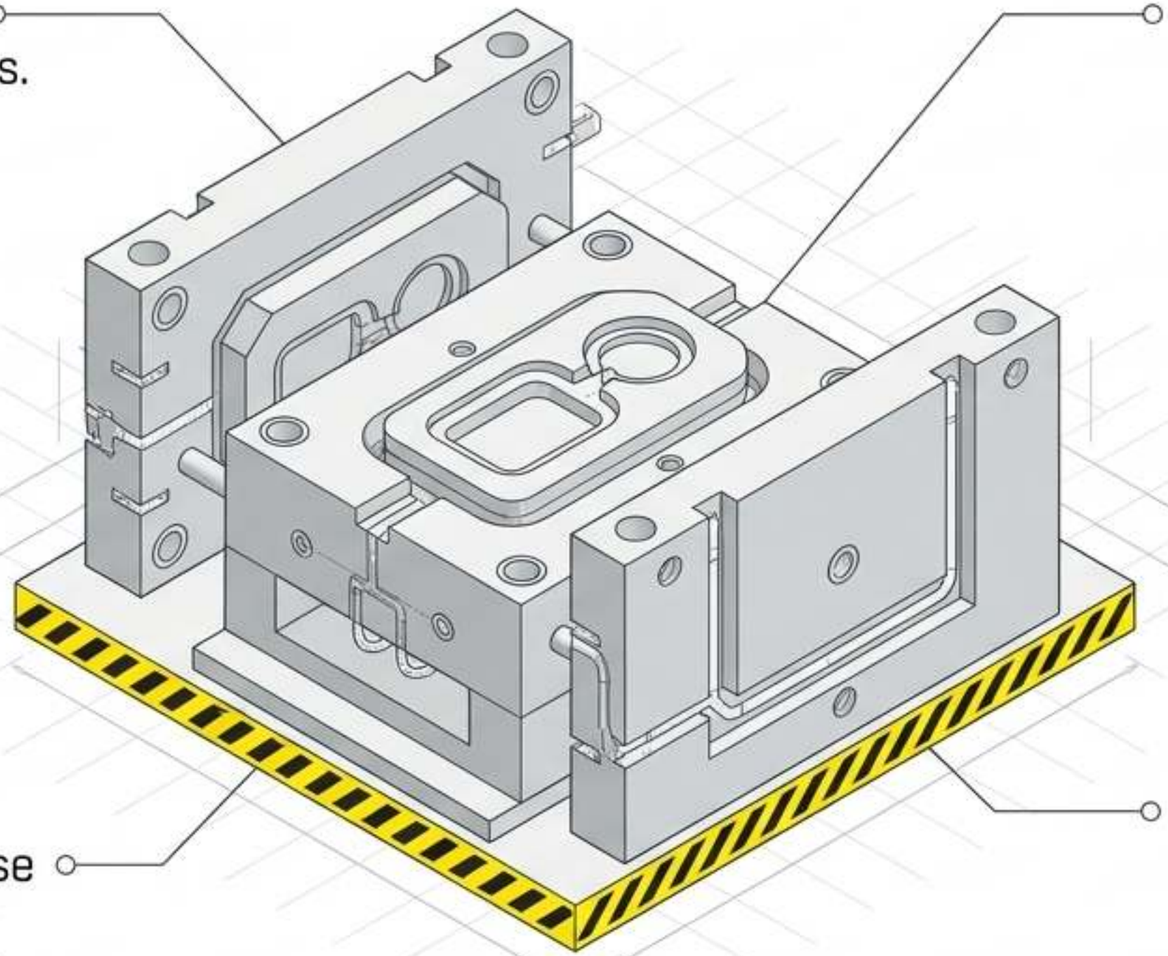
Confirm if MOQ applies per design, size, or color variation.

Total Order Commitment

Mold Ownership & Scaling Protocol

Tooling charges separate from repeatable order costs.

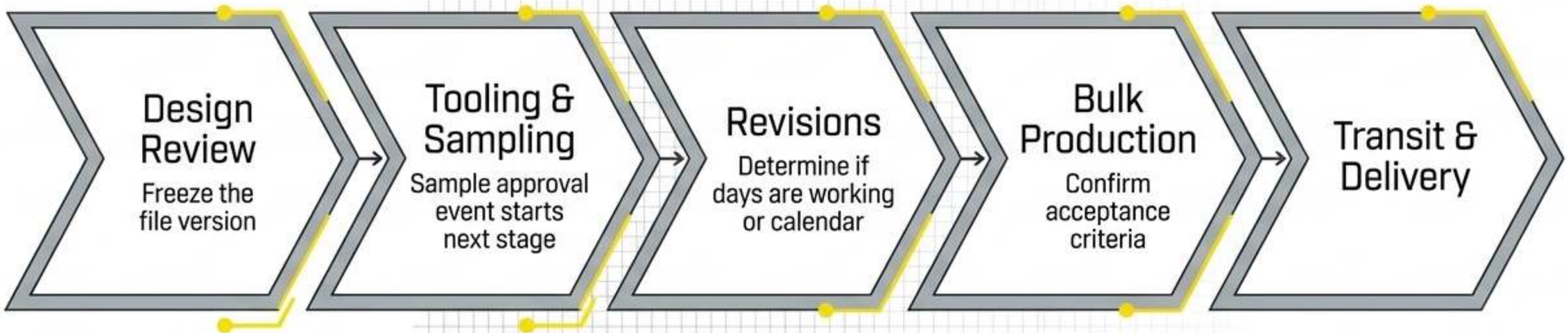
Do not assume a tooling charge buys indefinite storage, ownership rights, or free replacement.



For repeat orders: Confirm mold retention policies, reuse conditions, and charges for subsequent design changes.

Mold reuse alone does not establish unchanged materials, attachments, or packaging.

Procurement Checkpoints & Timelines

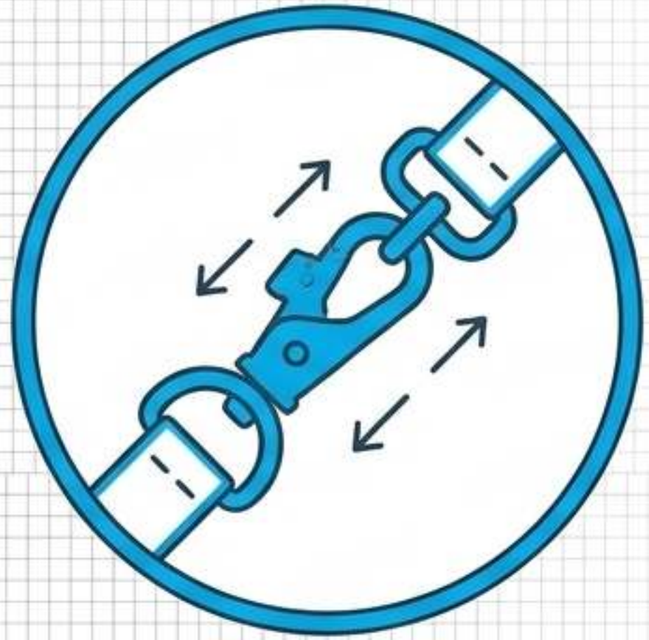


A photograph of a completed sample is not, by itself, evidence that bulk production has started or passed inspection.

The Physical Sample Checkpoint



Photographs cannot establish flexibility or structural detail.



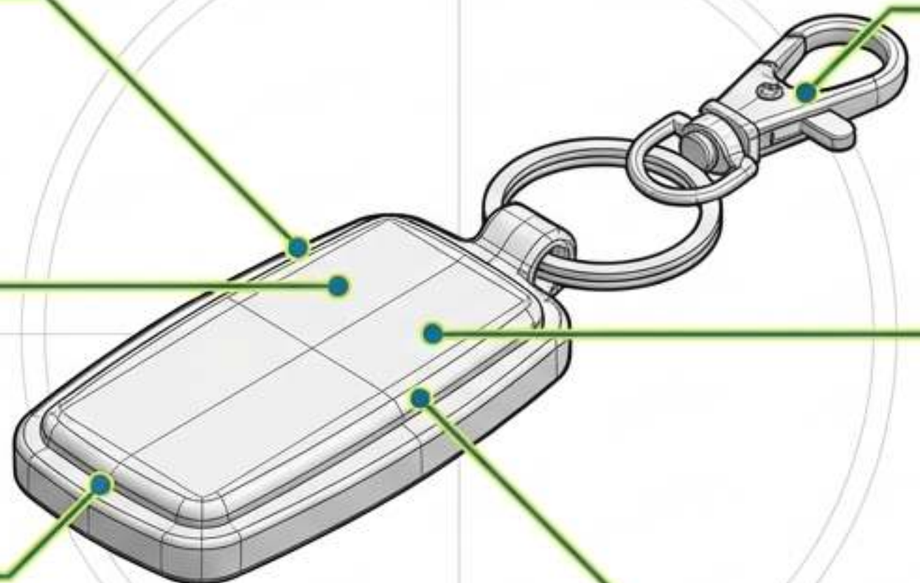
Validate hardware capacity and fit through loaded configuration.



Check color behavior off-screen.

Action: Record all physical changes against a specific version number. Freeze this version as the absolute order reference.

The Inspection Nexus



Dimensions & Shape

Measure finished body vs approved drawing (in mm).

Color & Lettering

Compare against physical reference.

Surface Condition

Inspect for dents, contamination, edge finish.

Attachment Integrity

Agree on a pull or repeated-use test (N load, cycles).

Decoration Exposure

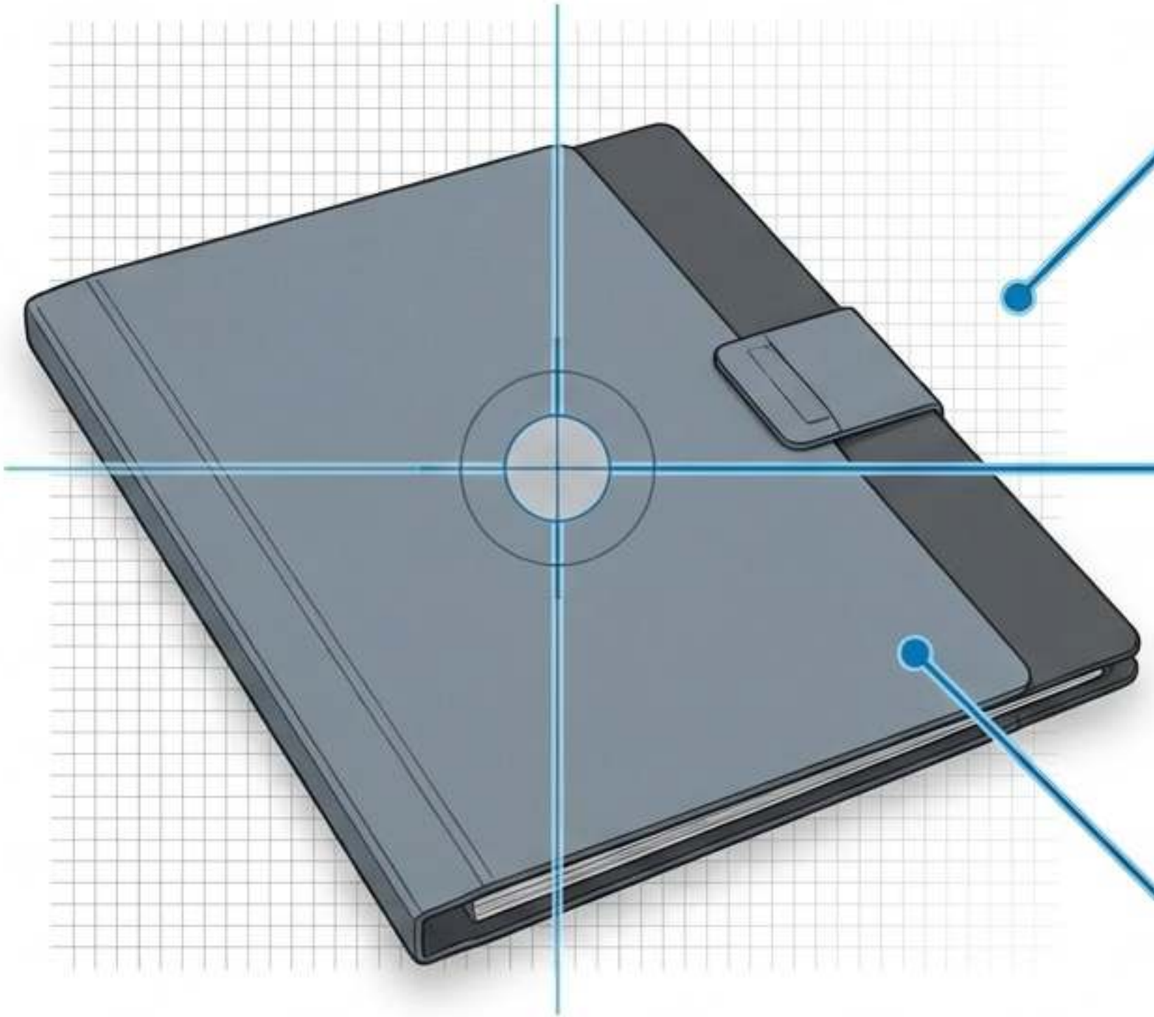
Agree on rubbing or light-exposure testing.

Packed Product

Check contact points and pressure marks.

Set the methods and thresholds before testing so that a ‘pass’ has an agreed meaning.

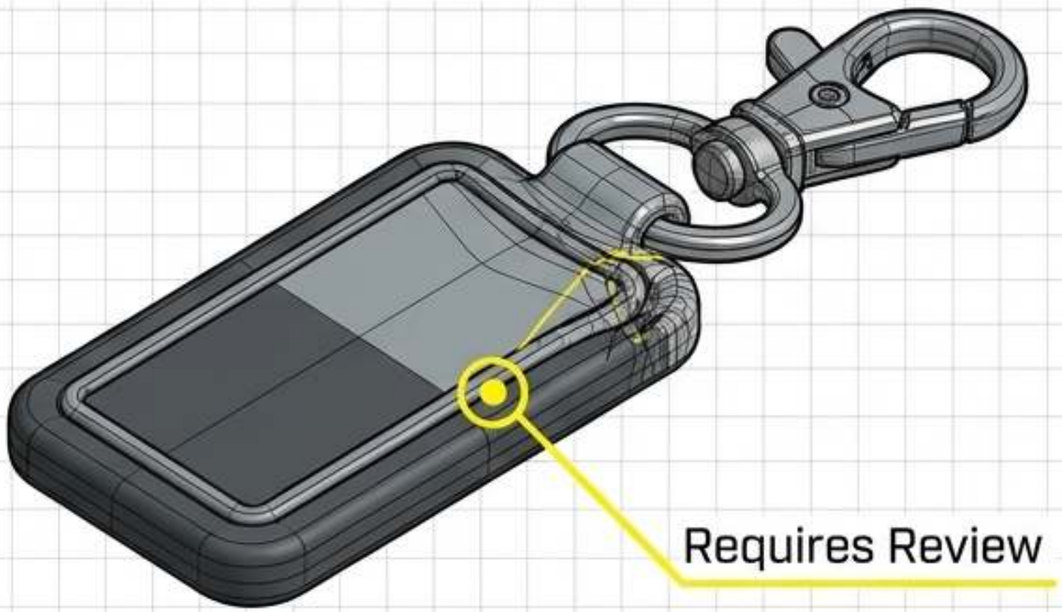
Navigating Compliance & Safety Documentation



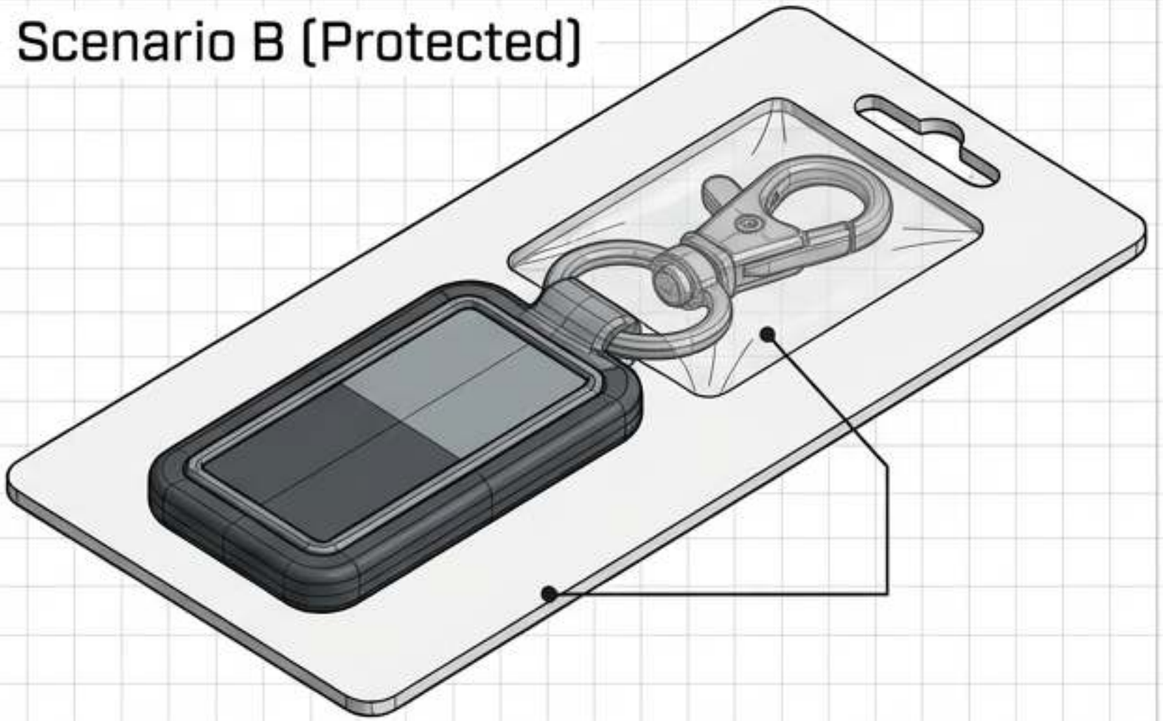
- **No blanket certifications** exist. Documentation must cover the actual PVC formulation, colors, decoration, and hardware used.
- **US Phthalate Context:** CPSC guidance prohibits concentrations above 0.1% for specified phthalates in covered children's articles. This must be project-specifically tested, not assumed.
- **Hardware Inclusion:** Historical CPSC recalls concerned lead in metal charms, illustrating why checking only the soft body leaves a safety gap.
- A material name alone does not establish child suitability, eco-friendliness, or food-contact status.

Assembly Protection & Packaging Specs

Scenario A (Unprotected)



Scenario B (Protected)



- Packaging must address how the finished body and hardware contact one another during transit.
- Confirm whether rings press into raised details or rub against decoration.
- Define counting and distribution arrangements (e.g., retail backing cards vs. bulk event bagging) before finalizing the shipment.

The Quote-Ready Specification Brief

Visual & Geometry

- ☐ Overall width/height/thickness (mm)
- ☐ Front/back relief instructions
- ☐ Pantone communication targets
- ☐ Editable artwork files

Hardware & Packaging

- ☐ Specific attachment point
- ☐ Hardware type
- ☐ Packed sample requirement
- ☐ Protective bagging/carding instructions

Commercial Scoping

- ☐ Target audience/age group
- ☐ Delivery destination/date
- ☐ Itemized cost request (tooling + sampling + units + freight)
- ☐ Compliance testing scope

A successful physical product aligns visual geometry, physical hardware, and commercial scoping. Begin the briefing process with these parameters frozen.

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