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Custom PVC Blister Shaker Stickers: Sealed, Shakeable Stickers Built to a Testable Spec

Product Image













Details

Custom PVC blister shaker stickers are printed stickers with a clear PVC blister that holds glitter, sequins or liquid. The fill moves when the sticker is shaken, and a pressure-sensitive adhesive with a release liner sits on the back. Order them in this sequence: lock the seal method and fill list, approve vector artwork, and release production only after samples pass a 48-hour leak check and a documented peel test.

Who Buys Custom Blister Shaker Stickers, and for What? [↑](#)

Three buyer groups place most real orders.

Parents and gift buyers want a favor or a craft that works on the same day. One verified buyer of a children's kit said it "comes with 3 different fillers and enough to make 8 shaker stickers," according to a [Walmart review](#)^[1].

Creators want their own characters inside a moving layer. This group includes journalers, card makers and convention sellers. In an [artist-business thread](#)^[2], one reply said shaker items are "pretty much all made in china" and that very few makers publish public reviews.

Small brands and event teams want logo giveaways that people keep. One glitter-sticker buyer said, "I give these out with my business cards and I get so many compliments," in [MakeStickers reviews](#)^[3].

Typical uses include birthday cards, concert and fandom giveaways, packaging inserts, booth handouts, and charms that buyers turn into keychains or hair clips. That last use creates a responsibility boundary. One maker asked about the glue for keychains and got the reply "I used super glue" on [Reddit](#)^[4]. Structural glue for load-bearing parts is not the sticker's backing adhesive, and the contract has to say so. This page does not cover protein shaker bottles, label makers or flat glitter vinyl.

Why Do Shaker Stickers Leak, Peel or Disappoint Buyers? [↑](#)

Problem. The main complaint is leaking, not artwork. A product-oriented [marketplace article](#)^[5] described budget water shakers this way: "Most leaked within forty-eight hours. Others lost color instantly under sunlight." The article is marketing content, not a lab report. Even so, independent makers report the same failure modes.

Agitation. The root cause is usually the seal method. One resin artist explained that "uv resin is not a strong adhesive in general" and that resin and epoxy bond weakly to plastic film. She also said several shakers leaked after being dropped, in this [sealing tutorial](#)^[6]. Another maker said the film on their shaker charms "fails 100% of the time." A reply explained that the resin only holds the film in place without actually bonding to it, in this [resin thread](#)^[7].

The backing adhesive is the next weak point. A [hands-on test](#)^[8] called a kit's adhesive "extremely subpar" and "way too thin."

Missing parts are a third failure: "Missing the bubble part so unable to use," wrote one [kit buyer](#).

Factory batches fail too. One creator reported raised edges, "foggy spots in between the layers," bad cutlines and undersized inserts across almost every unit. The fix delayed delivery by 3–5 weeks, according to a [BackerKit update](#)^[9].

Solution. Close the cavity with a thermoformed PVC blister that is heat-sealed under controlled temperature, pressure and time. Do not glue on a film after filling. Write the fill list, the adhesive test method and the target surface into the work order. Then use samples as a release gate instead of a beauty check. This page makes no waterproof, sun-resistant or dishwasher claims for this SKU. Those properties become claims only after batch testing confirms them.



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What Exactly Is a Custom PVC Blister Shaker Sticker? [↑](#)

It is a four-layer part:

1. A printed base film.
2. A loose fill, such as glitter, sequins or a water- or oil-based liquid.
3. A clear PVC blister formed over that fill and sealed at a flat flange.
4. A pressure-sensitive adhesive with a release liner.

Every quote should list all four layers per piece. Kit complaints show that one missing dome makes a unit unusable.

Three similar products are often confused with this one:

Domed resin stickers. These use a cast resin lens of about 1 mm, roughly 1.5 mm thick overall. The lens is solid, so nothing moves inside, as explained by [4OVER4^{\[10\]}](#).

Flat glitter stickers. These use 4.5 mil Glitter Rainbow BOPP with a glossy PET laminate. They have no cavity at all, according to the [MakeStickers product page^{\[11\]}](#).

Acrylic shaker charms. These are three-layer accessories. They are not adhesive stickers.

Size and readability go together. The fill sits on top of the artwork, so it hides anything printed underneath. A glitter-sticker reviewer warned that "the glitter washes out design," and advised using a "super bold design" ([review](#)). Keep logos and text on the flange or on fill-free zones. Keep thin lines out of the cavity. Finished blisters are thicker than flat stickers. They suit hand-out use better than flat-mail inserts. Final thickness and fill capacity depend on blister depth and fill load, and the sample is where you verify them.

Design field	Public reference value	Source and boundary
Image resolution	Above 300 dpi	Vograce ^[12] water-filled shaker sticker
Color mode	CMYK	Same Vograce page
Safe and bleed lines	1.5 mm from the cut line	Same Vograce page
Minimum frame wall	2.5 mm	StickerGorillas ^[13] ; acrylic analog only
Fill-to-wall clearance	1.5–2 mm	StickerGorillas; acrylic analog only
Suggested fill piece size	10–15 mm	StickerGorillas; acrylic analog only
Blister depth and flange width	Pending	Confirmed on the contour sample

These values come from other sellers' public listings. Use them as starting points for artwork, not as this SKU's specification. The acrylic rows describe a different structure. For a PVC blister, the flange width and cavity depth that hold a reliable heat seal are set during sampling and recorded on the approved sample.



How Do You Order Custom Blister Shaker Stickers Without Leaks? [↑](#)

Step 1: Lock the structure, seal method and fill list

Choose one seal method per design and confirm it in writing. List every fill component and state

whether it contains water, oil or metallic glitter. Water-based fills put more stress on the edge seal.

Oil needs particular care in PVC. Flexible PVC contains plasticizer, and engineers discussing oil on vinyl tubing concluded it is "just not compatible with oil" ([AskEngineers^{\[14\]}](#)). If oil is proposed, run a soak compatibility test and check for weight loss, seepage, haze and seam condition.

Supplier listing titles such as "Oil Proof" or "Waterproof" are not validation. One [PVC blister listing^{\[15\]}](#) claims both and shows "No reviews yet."

For children's designs, avoid mineral, baby or lamp oil. On 2026-06-25, 8,420 baby oil bottles were recalled because their packaging failed child-resistant requirements under the Poison Prevention Packaging Act, according to the [CPSC^{\[16\]}](#).

Step 2: Name the surface and specify the adhesive test

Adhesion depends on the surface, so tell the supplier exactly where the sticker will go: paper, glass, powder coat or a low-surface-energy plastic. Failures usually start at the edges. As one care guide puts it, adhesive "fails at the perimeter, where water works under a lifted corner" ([Lost Canyon Threads^{\[17\]}](#)). Do not place a blister across curves or seams.

Write the test method into the work order instead of the phrase "strong adhesive." The current method is ASTM D3330/D3330M-04(2025), approved 2025-08-01 ([ASTM D3330^{\[18\]}](#)). Its methods are:

- **Method A:** 180° peel.
- **Method C:** double-coated tapes.
- **Method D:** release liner adhesion.
- **Method F:** 90° peel.

Labs typically use specimens about 25 mm wide and condition them for 24 hours at 23°C and 50% RH, according to [Adhesives Research^{\[19\]}](#). State the method, the angle, the substrate and a minimum value in N/25 mm.

This standard has a limit. It states that peel adhesion usually has "no direct relationship" to functional requirements. A result on a steel panel therefore does not predict performance on a phone case or a tumbler. The minimum value for this SKU is still to be tested.



Step 3: Preflight the artwork file

File requirements:

- Submit vector artwork as AI, EPS or PDF.
- Put the die line on its own layer, separate from the bleed.
- Apply the resolution, color mode and margin values from the table above.
- Ask the supplier to write its minimum line width and corner radius into the job ticket.

Photo-style bitmaps soften when enlarged. A heat-seal flange can also cut into ink placed too close to the cavity. Approve the digital proof before any contour sample or blister tooling starts.



Step 4: Follow a controlled production sequence

The usual order is:

1. Digital proof
2. Contour sample
3. Blister tooling
4. Printing
5. Filling
6. Wiping the seal face
7. Heat sealing
8. Die cutting
9. Liner lamination

Fill, wipe and seal at separate stations. In one ruined batch, makers traced the damage to baby-oil residue and humidity. A responder said of the oil, "It gets everywhere" ([resin thread^{\[20\]}](#)).

Changing the seal structure after sampling usually means new tooling and new samples. Lead time is not yet confirmed and will be quoted per project. Do not borrow lead times from flat vinyl stickers. A flat-sticker printer lists MOQ 500 and about 3-5 days after proof approval ([Label Printing China^{\[21\]}](#)), and those figures apply only to flat vinyl. Always quote production time and international shipping as separate figures.



Step 5: Accept samples on function, not looks

Check	Method	Pass condition
Leak	Rest 48 hours, then invert and shake lightly	No seepage at the flange
Seal integrity	Finger press plus a drop at the agreed height	No delamination or pinholes
Peel adhesion	ASTM D3330 with method and substrate named	Meets the agreed N/25 mm minimum (value pending)
Release liner	Method D or hand peel	Liner releases without lifting adhesive
Application	Apply to the target surface and inspect after 24 hours	No edge lift or large bubbles
Visual	Compare with the signed proof	Color, cutline and fill count match

The 48-hour rest is a practitioner benchmark taken from the user-reported failure window. No decorative shaker sticker standard defines it. A strong-looking weld can still hide a pinhole, so the leak and drop checks are separate rows. Record the sample's flange width, fill weight and peel result. Those values become the production reference.



Step 6: Release a pilot lot, then lock packaging for reorders

Run the first lot on the approved sample's seal settings. Set out the sampling ratios for appearance, fill count, seal and adhesive separately in the contract. Treat leaks and interlayer bubbles as critical defects with no exceptions. Rework only the failed lot. Do not change settings on a verbal agreement.

Lock the packaging specification as well. In one case, 2,400 PVC items were correct but had not been individually bagged as required. The customer demanded repacking, with potential rework above RMB 5,000, as described by [Qinghan Label^{\[22\]}](#).

Each shipment should include the material list, lot number and inspection record. That way, a reorder matches the first order instead of relying on memory.



How Do Blister Shaker Stickers Compare With the Alternatives? [↑](#)

Option	Moving fill	Public price / MOQ snapshot	Turnaround snapshot	Best fit
Retail DIY kit (Hello Hobby)	Yes, self-assembled	About \$4.97 per kit (AisleGopher ^[23]), about 8 stickers	Off the shelf	Family crafts
Acrylic shaker charm (StickerGorillas)	Yes	5 pcs for \$16.50; 200 pcs for \$330.00	5-7 days production plus 7-15 business days shipping	Artist test runs
Ultra-thin shaker keychain (Vograce ^[24])	Yes	MOQ 1; \$3.05 down to \$0.80 at 10,000+	Proofs in 2-5 working days (orders over 5 items)	Fandom merchandise
On-demand water-filled sticker (Vograce)	Yes	MOQ 10 pcs per design	Not stated	Small runs
OEM water-filled sticker (Made-in-China catalog ^[25])	Yes	About \$0.20-0.55 per piece FOB; MOQ 2,000	Quoted per order	Promotional volume
Flat glitter sticker (MakeStickers)	No	Priced by size and quantity	Ships within 2 business days (help center ^[26])	Flat brand stickers
Domed resin sticker	No	Quoted	Quoted	Logo badges
Custom PVC blister shaker sticker (this page)	Yes	Pending quote	Pending sampling	Branded, shakeable adhesive stickers

All prices and lead times above are page snapshots from other sellers. They change with quantity, freight and tariffs, and neither the low-MOQ end nor the high-MOQ end is an industry average.

The practical split is simple:

- If you only need a one-day craft, buy a kit.
- If you need a few dozen pieces of a charm, use an on-demand site.
- If you need a flat-mailable logo sticker, choose flat glitter. It has no cavity, so it cannot replace a blister.

Choose a custom blister when the sticker must carry your artwork, adhere to a surface and move when shaken, and when you are willing to approve a sample before volume production.

What Compliance Limits and Quote Details Should You Check? [↑](#)

Three compliance points are often misread.

CPSIA (US children's product safety). Ordinary decorative stickers are not automatically children's products. One major sticker printer states that third-party CPSIA testing applies to children's products and that its stickers are not considered children's products ([Sticker Mule FAQ^{\[27\]}](#)). If you market a design to children, you need a SKU-specific ASTM F963 report and a Children's Product Certificate. A marketplace article's claim of "Completely safe according to ASTM F963" carries no verifiable report number, so it does not count.

ISO 11607 (medical packaging). ISO 11607-2:2019 governs packaging for terminally sterilized medical devices ([ISO^{\[28\]}](#)). A decorative blister is not a sterile barrier, so do not label one as compliant with ISO 11607.

Leaking or sticky batches. CPSC has warned about squishy toys that leak, feel oily or smell strongly, and has seized 355,683 hazardous units at ports, as reported by [Consumer Reports^{\[29\]}](#). Stop any shaker batch that shows the same signs.

Your request for quotation should contain:

- Finished size, blister area and quantity per design
- Full fill list with liquid composition, or "dry fill only"
- Target surface and intended end user, including whether it is a children's product
- Peel test method, substrate and minimum value in N/25 mm
- Sample acceptance checks and critical defect definitions
- Pieces per sheet, bagging method and carton labeling
- Written MOQ, production time and unit weight, all confirmed after sampling

What Are the Key Takeaways Before You Request a Quote? [↑](#)

- **Budget water-filled shakers often fail early.** In one marketplace article, most samples leaked within 48 hours ([Source](#)).
- **Peel testing has a current standard, but it does not guarantee real-world performance.** ASTM D3330/D3330M-04(2025) was approved 2025-08-01 ([Source](#)).
- **Volume OEM water-filled stickers start in the thousands.** MOQ is 2,000 pieces at about

US\$0.20–0.55 FOB ([Source](#)).

- **On-demand sites run very small batches.** MOQ is 10 pieces per design ([Source](#)).
- **Oil fills raise child-safety stakes.** 8,420 baby oil bottles were recalled on 2026-06-25 for packaging that was not child-resistant ([Source](#)).
- **Medical blister standards do not apply.** ISO 11607-2:2019 covers terminally sterilized medical device packaging only ([Source](#)).
- **MOQ, production time and unit weight for this SKU are not yet verified.** They will be confirmed in your written quote and on the approved sample record.

Ready to Sample Your Custom Blister Shaker Stickers? [↑](#)

A shaker sticker succeeds or fails at three points: the seal, the fill and the backing adhesive. Specify all three before artwork polish. When each is defined in writing and proven on a sample, the order can scale without the leaks, lifted edges and missing parts that dominate public reviews.

Request a quote and pre-production sample. Send your vector artwork, finished size, quantity per design, fill list and target surface.

^[1]Walmart review: Buyer reviews of a bubble shaker sticker kit. [↵](#)

^[2]Artist-business thread: Artists discuss sourcing shaker charms. [↵](#)

^[3]MakeStickers reviews: Glitter sticker buyer feedback on use and design. [↵](#)

^[4]Reddit: Maker converts shaker stickers into keychains. [↵](#)

^[5]Marketplace article: Promotional article citing leaks and fading. [↵](#)

^[6]Sealing tutorial: Resin-to-film bond weakness and drop leaks. [↵](#)

^[7]Resin thread: Plastic film failing to bond with resin. [↵](#)

^[8]Hands-on test: DIY shaker sticker adhesive judged subpar. [↵](#)

^[9]BackerKit update: Batch defects and a 3–5 week delay. [↵](#)

^[10]4OVER4: Domed sticker lens and total thickness. [↵](#)

^[11]MakeStickers product page: Glitter BOPP thickness and laminate. [↵](#)

^[12]Vograce: Water-filled shaker sticker MOQ and file specs. [↵](#)

^[13]StickerGorillas: Acrylic shaker design rules, pricing and timing. [↵](#)

^[14]AskEngineers: Plasticized PVC and oil compatibility. [↵](#)

^[15]PVC blister listing: Supplier self-declared waterproof and oil-proof claims. [↵](#)

^[16]CPSC: Baby oil recall under child-resistant packaging rules. [↵](#)

^[17]Lost Canyon Threads: Sticker adhesive failure starts at edges. [↵](#)

^[18]ASTM D3330: Current peel adhesion standard listing. [↵](#)

^[19]Adhesives Research: D3330 specimen and conditioning details. [↵](#)

^[20]Resin thread: Oil residue and humidity ruining shakers. [↵](#)

^[21]Label Printing China: Flat sticker MOQ and turnaround. [↵](#)

^[22]Qinghan Label: Repeat-order packaging rework case. [↵](#)

^[23]AisleGopher: Retail price tracking for a shaker kit. [↵](#)

^[24]Vograce: Shaker keychain MOQ, tiers and proof timing. [↵](#)

^[25]Made-in-China catalog: 2026 water-filled sticker FOB and MOQ. [↵](#)

^[26]Help center: Glitter sticker shipping turnaround. [↵](#)

^[27]Sticker Mule FAQ: CPSIA scope for sticker products. [↵](#)

^[28]ISO: ISO 11607-2 sterile medical packaging scope. [↵](#)

^[29]Consumer Reports: CPSC warning on leaking squishy toys. [↵](#)

Product Option