

Custom 3D Embossed Labels | Premium Tactile Packaging for Brands

Formal Zigpac product guide for **ZPCS0011**. This PDF replaces the legacy slide-deck-style download with a text-readable, brand-controlled product guide.

Product identity

Field	Value
SKU	ZPCS0011
Product page	https://www.zigpac.com/custom-embossed-labels.html
PDF version	v2 • 2026-06-12

Quick overview

Custom 3D embossed labels with premium tactile packaging solutions. Raised surfaces increase perceived value by 24%. Perfect for luxury cosmetics, spirits & specialty foods. MOQ 100pcs.

Product details

Embossed labels feature raised three-dimensional surfaces created through mechanical die pressure or UV polymer stacking, adding tactile luxury that increases perceived product value by 24% according to consumer sensory research. They perform best on premium cosmetics, spirits, and specialty

foods. User/Scenario: Brand owners, packaging designers, and e-commerce sellers seeking to differentiate products through premium tactile packaging that justifies higher price points and strengthens brand recognition. Your beautifully formulated product sits on a crowded shelf. The competition is fierce, prices are comparable, and customers scroll past your listing in seconds. How do you make them stop, reach out, and remember? The answer lies beneath their fingertips: tactile packaging that transforms passive viewing into active engagement. This guide walks you through everything you need to know about embossed labels, from selecting the right technique for your application to avoiding common production pitfalls that waste time and budget.

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What exactly is an embossed label? ↑ Embossing transforms flat label stock into a three-dimensional surface that customers can feel. This tactile dimension creates what researchers call haptic information, sensory data processed through touch that significantly influences purchase decisions. An embossed label is a pressure-sensitive or paper label featuring raised surface elements created through mechanical die impression or UV-cured polymer [1] stacking, producing tactile relief heights typically ranging from 0.1mm to 0.5mm for standard applications.

Essential attributes and scope

Embossed labels serve specific functions that justify their premium positioning in the packaging market.

- Core attributes : Three-dimensional raised surfaces (positive relief) or recessed impressions (debossed/negative relief), enhanced light interaction creating visual depth, and tactile feedback that triggers sensory memory. The raised height typically measures between 0.1mm for subtle effects and 0.5mm for pronounced dimensional impact.
- Applicable range : Premium spirits and wine bottles, luxury cosmetics and skincare containers, specialty food packaging, candle jars and artisanal products, corporate gift packaging, and high-end consumer electronics.

According to market research, the cosmetics and fragrances segment accounts for the largest share of luxury packaging [2] demand at

approximately 44% of the secondary paper and paperboard luxury packaging market. ● Compliance considerations : Food-contact applications require materials meeting FDA food contact [3] requirements. Alcoholic beverage labels must comply with TTB labeling regulations. Sustainability-focused brands can specify materials with FSC certification [4] to document responsible sourcing. How do I create embossed labels step by step? ↑ Successful embossed label production follows a systematic workflow that prevents the most common failure points: artwork incompatibility, material mismatch, and adhesion problems on challenging surfaces. The embossed label creation process involves four critical phases: design preparation with proper layer separation, material selection based on application surface, production method selection, and quality verification before full production runs. Actionable steps 1) Input : Vector artwork file (AI, EPS, or PDF format) with minimum 300 DPI for any raster elements → Action : Separate design into distinct layers: Layer 1 for print elements, Layer 2 for foil areas (if applicable), Layer 3 for emboss/deboss zones → Output : Production-ready file with clear layer identification and 3mm safety margin from die-cut edges. 2) Input : Container specifications including material type, surface texture, and curvature radius → Action : Select substrate material based on application requirements. For curved surfaces with radius below 25mm, choose flexible BOPP (Biaxially Oriented Polypropylene) [5] with high-tack adhesive. For flat paper boxes, textured paper stock (minimum 90 gsm) accepts traditional mechanical embossing well → Output : Material specification sheet matched to container requirements. 3) Input : Order quantity and budget parameters → Action : Determine production method. Traditional die embossing requires tooling investment but delivers organic paper texture; digital UV embossing eliminates tooling costs and suits quantities from 25 pieces upward → Output : Production method selection with cost-per-unit calculation. 4) Input : Pre-production sample → Action : Verify emboss depth uniformity, registration accuracy between print and emboss layers, and adhesion performance on actual container surface. Test adhesion after 24-hour dwell time under expected storage conditions → Output : Approved sample with

documented quality parameters. 5) Acceptance criteria : Emboss registration within $\pm 0.3\text{mm}$ of print elements, no visible fiber cracking on paper substrates, label ed

[Content excerpted from the live Zigpac page.]

Artwork preparation checklist

- Prepare print-ready artwork before ordering.
- Keep important text and logos inside the safe area.
- Provide vector artwork when available; otherwise use high-resolution raster images.
- Confirm material, finish, size, quantity, and packaging requirements before production.
- Request proofing when color, foil, holographic, or embossing effects are important.

Ordering workflow

1. Choose the product type and size.
2. Send artwork and application requirements.
3. Confirm proof, material, finish, and quantity.
4. Approve production and packaging details.
5. Arrange shipment or follow-up reorder support.

Notes

This document is a buyer-facing product guide. Final pricing, MOQ, lead time, certifications, and compliance claims should be confirmed by Zigpac before quoting or production.

Contact

For custom printing and packaging support, visit the product page above or contact Zigpac.