



Smart Label & Packaging Solutions

Thermal Labels | RFID Labels | Product & Packaging Labels

Reliable Performance. Responsible Choice.

A LEHONG Brand



Reliable Label Manufacturing from Materials to Finished Products

Sichuan Lehong Technology Co., Ltd. is the central manufacturing facility of Lehong Paper. The company specializes in thermal coating self-adhesive label materials, RFID labels, printed labels and precision die-cut components.

With integrated capabilities in coating, printing, die-cutting, slitting inspection and packaging, LEHONG provides stable and customizable label solutions for customers across logistics, retail, food packaging, electronics, automotive and industrial sectors.

LEHONG supports customers with material selection, application testing, manufacturing consistency and long-term supply reliability.



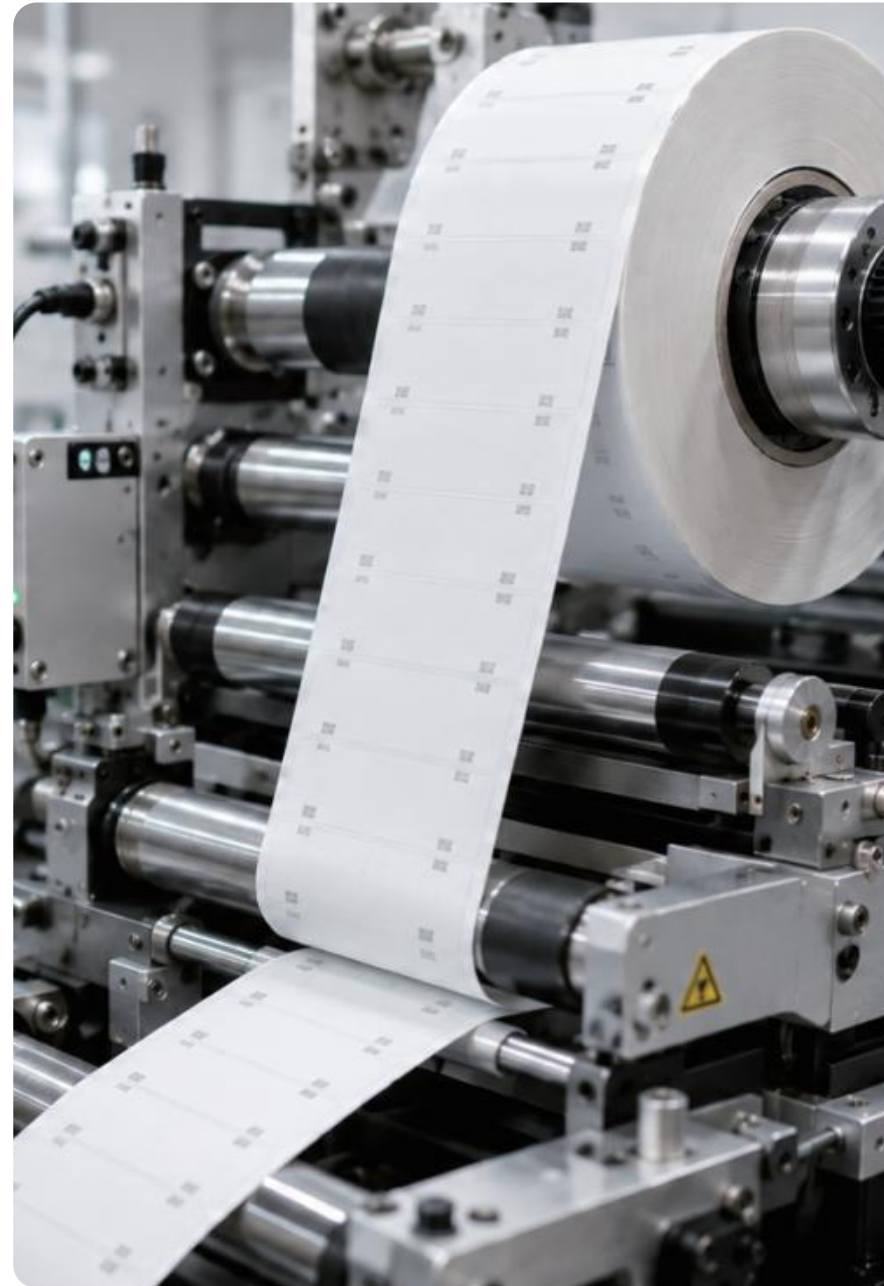
Integrated
Manufacturing



Custom
Label Solutions



Export-ready
Support



Sichuan Lehong Technology Co., Ltd.



From Requirement to Delivery

LEHONG combines material processing, printing, converting and quality control in one integrated manufacturing system. This enables the company to respond to different application requirements with suitable materials, adhesive options, product formats and packaging solutions.





Product & Application Overview

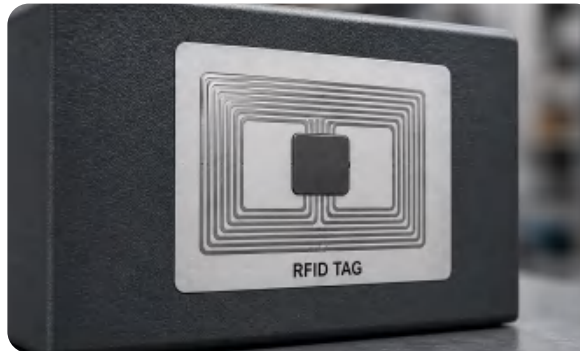
Label solutions designed for real-world applications.

01



01 Direct Thermal Labels

Clear printing, barcode readability and efficient labeling for logistics, retail and food packaging.



02 RFID & Electronic Labels

Reliable identification for inventory control, tracking and electronic labeling applications.



03 Product & Industrial Labels

Durable labeling for packaging, industrial identification and specialty applications.



Direct Thermal Labels for Clear Printing, Stable Scanning and Reliable Application

Direct thermal labels are suitable for barcode printing, shipping labels, retail weighing labels, food packaging labels and cold-chain identification. LEHONG helps customers select the right face stock, adhesive, liner roll specification and printer-compatible format according to the actual application environment.

Buyer Concern		LEHONG Support
	Barcode readability	Clear thermal imaging for barcode and QR code scanning
	Printer compatibility	Roll size, core size, outer diameter and winding direction can be customized
	Adhesive performance	Permanent, removable, freezer-grade and application-specific adhesives
	Application environment	Standard, top-coated, BPA-free and FSC thermal paper options





Logistics & Shipping Labels for Stable Scanning During Delivery

Designed for courier labels, warehouse labels and e-commerce shipping labels where barcode readability and stable adhesion are critical.

	Common Size	4x6 inch shipping label
	Australia Market	Popular sizes: 4x6 in/100×150mm; A6 105 x 148 mm
	Printer Compatibility	Compatible with DYMO, Zebra, Rollo, Brother and other desktop / thermal label printers
	Adhesive Selection	Hot melt adhesive is commonly used for logistics labels; adhesive can be customized based on heat, humidity and surface conditions





Retail & Weighing Labels for Price, Weight and Barcode Information

Retail and weighing labels are designed for price marking, weight information, barcode identification and short-term product information display. Material and adhesive options can be selected according to the packaging surface, service life and removability requirements.

Applications:

Supermarket weighing, Fresh food, Price labels, Barcode labels

Face Materials:

Standard thermal paper, Top-coated thermal paper, Thermal synthetic material

Adhesive Options:

Permanent, Removable, Freezer-grade

Printer Compatibility:

Suitable for common retail weighing and thermal label printers used in the Australia market.



Small-size barcode printing

Clear printing for price, weight, PLU code and barcode



Removability

Removable adhesive options for trays, containers and short-term labels



Packaging surface

Adhesive can be selected for plastic box, film, paper bag or carton surface

Common Sizes (mm)

40×30 50×30 58×40 60×40 80×60 Custom

Adhesive Options

Removable | Permanent

Adhesive Options

Thermal Paper | Thermal Synthetic



Cold Chain & Food Packaging Labels for Refrigerated and Frozen Applications

Material selection is based on actual labeling temperature, storage temperature, packaging surface and moisture conditions.



Adhesive choice

Removable, permanent or freezer-grade adhesive based on application



Temperature condition

Test according to customer labeling and storage temperature



Packaging surface

PE, PP, PET, carton, film and other packaging surfaces



Application scenario

Outer food packaging, cold storage, fresh meat and frozen products



Face material

Top-coated thermal paper or synthetic film substrate



Document support

Material statement or packaging-related declaration documents can be provided upon request

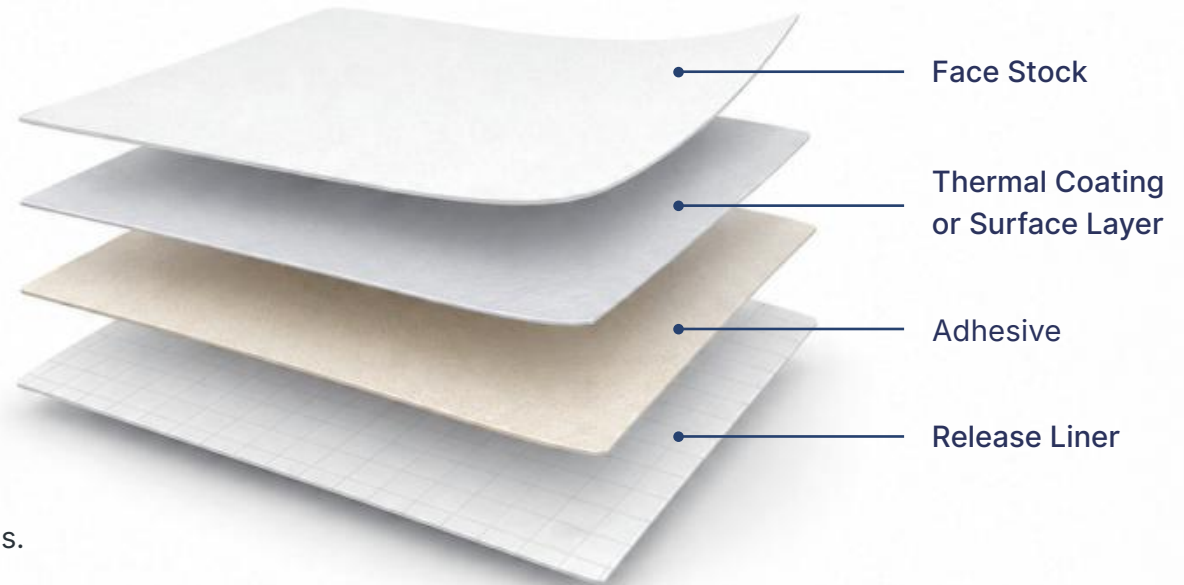




Label Material Selection Guide

Selecting the right label material is essential for reliable printing, scanning, and application performance.

Use the guide below to choose the most suitable material structure for your application environment and business needs.



Application	Face Stock	Adhesive	Liner / Format	Key Concern
 Logistics	Direct thermal paper	Hot melt / permanent	Roll label	Barcode scanning and carton adhesion
 Retail weighing	Thermal paper / top-coated thermal paper	Permanent / removable	Roll label	Clear small-size printing
 Cold chain	Top-coated paper / synthetic film	Freezer-grade	Roll label	Low-temperature adhesion
 Food packaging	Coated paper / film	Application-specific	Sheet or roll	Surface and moisture resistance
 Brand packaging	Paper / PP / PET / textured paper	Permanent / removable	Custom format	Visual finish and brand presentation



RFID Labels for Reliable Identification, Encoding and Tracking

Identification, tracking and data-driven labeling.

RFID performance depends on chip, antenna design, label size, attached surface, reading distance and encoding requirements. LEHONG supports RFID label customization for logistics, retail, inventory, asset tracking and electronic product identification.



Chip & Inlay
Selection



Antenna
Design



Encoding
Support



Printable
Surface



Application
Testing



Sichuan Lehong Technology Co., Ltd.

High-performance
RFID labels



UHF inlay with
consistent read range



Reliable encoding
and data storage



RFID Application Scenarios

LEHONG supports RFID applications across logistics, retail, electronics and industrial asset management.



Logistics

Carton / pallet tracking, bulk reading

- UHF inlay
- Long read range
- Strong carton adhesion



Retail

Item-level inventory, fast stock counting

- Small-size UHF labels
- Stable encoding
- Printable surface



Electronics

Product traceability, anti-counterfeit or ID tracking

- PET / synthetic material
- Durable printing
- Customized inlay



Industrial Assets

Equipment tracking, metal surface use

- SAnti-metal RFID label
- Stronger adhesive
- Durable face material



Product & Packaging Label Selection Guide

Labels selected by packaging surface, usage environment and brand finish.

LEHONG provides customized product and packaging labels based on packaging surface, usage environment, adhesive performance, printing finish and brand presentation requirements.

We help customers select suitable materials, adhesives, printing processes and label formats according to real packaging and labeling conditions.

How to Select the Right Label



1. Check packaging surface



2. Confirm use environment



3. Select material, adhesive and finish



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Wine Label



Cosmetic Label



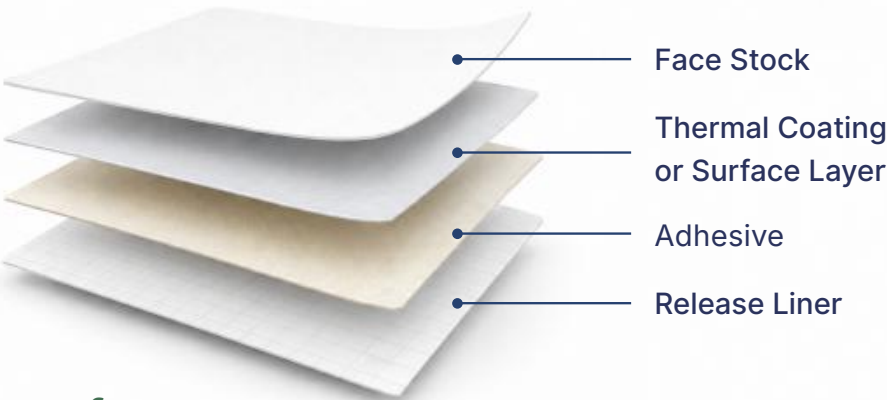
Food Packaging Label



Kraft Paper Label



Material, Surface and Adhesive Matching



Choose the right label structure for your packaging surface.

Label performance depends on the packaging surface, material structure, adhesive type and application environment. LEHONG supports material and adhesive selection for glass bottles, plastic containers, paper boxes, flexible pouches and refrigerated packaging.

Packaging Surface	Typical Applications	Recommended Materials	Adhesive Guidance	Buyer Checklist
 Glass bottle/jar	Wine, beverage, cosmetics, food jars	Textured paper, coated paper, PP / PET film	Permanent, removable or wash-off adhesive	 Packaging surface
 PET /PP / PE plastic bottle	Cosmetics, daily care, beverage	White PP, clear PP, PET film, synthetic paper	Strong adhesion for curved or squeezable containers	 Label size
 Paper box / carton	Bakery, food box, gift packaging	Coated paper, kraft paper, textured paper	Permanent adhesive, eco-friendly options	 Storage temperature
 Flexible pouch/ bag	Coffee bag, snack bag, food pouch	Film label, kraft label, coated paper	Adhesive selected for flexible packaging surface	 Moisture or oil exposure
 Cold / refrigerated packaging	Fresh food, meat, frozen food	Top-coated paper, synthetic film, freezer material	Freezer-grade or moisture-resistant adhesive	 Manual or automatic labeling
				 Required finish



Printing and Finishing Options

Enhance brand presentation with suitable printing and surface finishes

Different packaging labels require different printing and finishing processes. LEHONG supports customized printing, foil stamping, embossing, varnishing, lamination and die-cutting to meet brand appearance and durability requirements.

Printing / Finishing Option	Typical Applications	Key Benefits
 Foil stamping	Wine labels, cosmetic labels, gift packaging	Creates premium metallic effect
 Embossing / Debossing	Wine labels, luxury packaging	Adds texture and tactile value
 Matte/Gloss varnish	Food, beverage, daily care labels	Protects printing and improves appearance
 Spot UV	Cosmetic and premium packaging labels	Highlights logo or key design elements
 Lamination	Cosmetic, bathroom, oil-resistant labels	Improves water, oil and friction resistance
 Custom die-cutting	Brand labels, seal labels, shaped labels	Supports unique label shape and packaging design

 Application Recommendations
 Wine label Textured paper + foil stamping + embossing
 Cosmetic label PP/PET film + matte lamination + metallic effect
 Food packaging label Coated paper or film + varnish/oil-resistant surface
 Kraft eco label Kraft paper + black printing/white ink / simple foil



FOIL STAMPING



EMBOSSING



MATTE VARNISH



GLOSS VARNISH



SPOT UV



CLEAR FILM





Application-Based Label Solutions

Wine, cosmetic, food and kraft packaging labels



1. Wine Labels



Buyer Concern

Premium appearance, bottle surface, cold / wet environment, finishing stability



Recommended Solution

Textured paper, uncoated paper, foil stamping, embossing, adhesive selected for glass bottle and curved surface, wet-strength paper or film options



2. Cosmetic Labels



Buyer Concern

Water / oil resistance, curved container adhesion, shelf appearance, daily use durability



Recommended Solution

PP, PET, synthetic film, laminated surface, clear film, white film, matte finish, metallic effect



3. Food Packaging Labels



Buyer Concern

Packaging surface, moisture/oil exposure, cold storage, document support



Recommended Solution

Coated paper, film or oil-resistant surface options, freezer-grade adhesive, top-coated material, material statement and food packaging declaration support upon request



4. Kraft & Eco Packaging Labels



Buyer Concern

Natural brand style, eco packaging image, packaging surface, printing style`



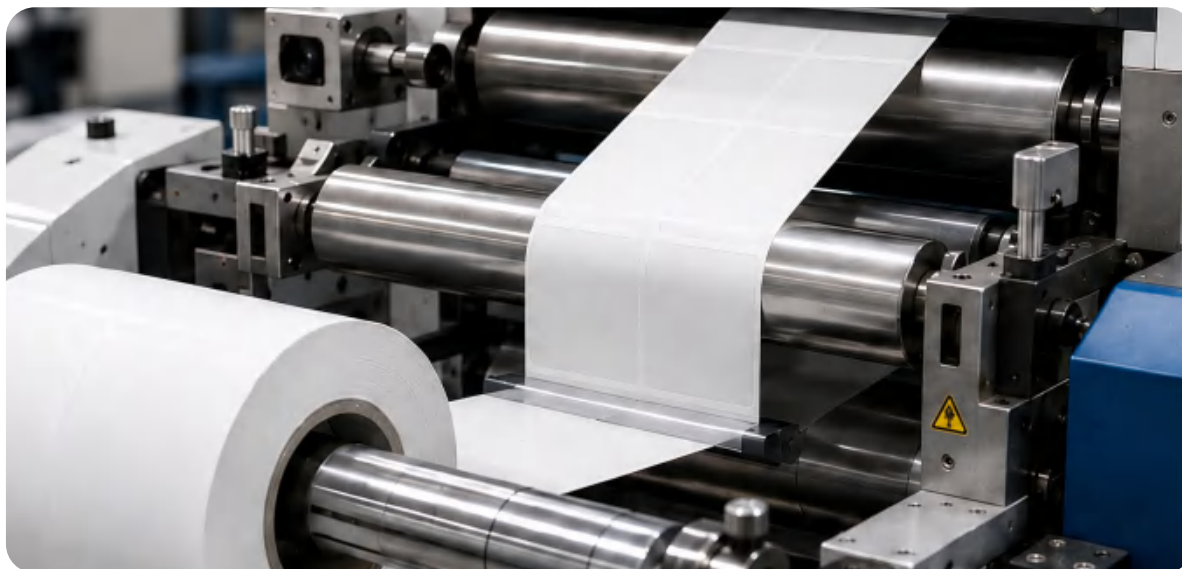
Recommended Solution

Kraft paper, recycled paper, uncoated paper, FSC paper and recyclable packaging compatibility options, black printing, white ink, simple color design or foil detail



Color, Adhesion and Application Testing

Testing support for reliable label performance before mass production



Before mass production, LEHONG can support material proofing, color checking, adhesion testing and application evaluation based on the customer's packaging surface and actual use environment.

Color consistency	batch color control Artwork proofing, color sample confirmation and
Label lifting/ edge curling	Adhesion test on actual packaging surface
Water/ oil exposure	Surface resistance test based on application needs
Cold storage performance	Low-temperature adhesion test for refrigerated or frozen packaging
Automatic labeling	Roll direction, core size, outer diameter, gap and die-cut accuracy check
Finishing quality	Foil position, embossing depth, varnish and lamination inspection

Equipment Highlights



 Six-color
label printing line



 Water-based
flexographic line



 High-speed
coating equipment



 Dual-station
laser die-cutting



 HP Indigo
digital printing



 Silicone
coating machine



 Slitting
machine

Our Testing Process

-  1 Confirm packaging surface
and use environment
-  2 Recommend material,
adhesive and finish
-  3 Provide sample or
proof for confirmation
-  4 Test adhesion, color and
application performance
-  5 Proceed to mass production
after approval



Manufacturing Capability

LEHONG provides stable manufacturing capability and quality control to support your business growth,



Modern Production Line

Advanced coating, slitting and rewinding lines for label materials.



Custom Roll Specification

Width, length, core size, outer diameter and winding direction can be customized.



Strict Quality Control

Incoming material inspection, in-process control and finished goods inspection.



Stable Supply

Reliable capacity and inventory management to support continuous supply.





Quality & Document Support

We follow a quality-oriented approach and can provide document support according to customer requirements and destination market needs.

Document/Support Item		Description
	Quality Assurance	Quality management throughout material control, production and inspection.
	Material Statements	Material information can be provided upon request for customer and destination market requirements.
	Food Contact Compliance	Food-contact related declarations or compliance information can be provided upon request.
	FSC Paper Option	FSC-certified paper option is available upon request.
	Custom Testing	Adhesive performance, temperature testing and other custom tests can be arranged based on application.



Partnering for Growth

We value long-term partnerships and grow together with our customers.



Customer Focus

We listen, understand and provide solutions that fit your real application.



Reliable Quality

Consistent quality control helps you reduce risk and improve efficiency.



Flexible Cooperation

Flexible MOQ, roll specification and service to support your business.



Grow Together

We aim to be your reliable label and packaging material partner in Australia.



Contact Us

We are ready to support your label and packaging needs.



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Thank you for your trust.

We look forward to building a successful
and long-term partnership with you.