KUOXUAN
STICK WITH QUALITY

SELF-ADHESIVE & FUNCTIONAL LABEL MATERIAL

Give every product in the world, an identity that never falls off



You're buying from the factory, not a middleman



KUOXUAN coating base · Fengxian, Shanghai (coating / slitting / lab / warehouse on one site)

Every roll and every sheet leaves our plant after being **coated, cured, slit and inspected on our own lines**. That is how we tailor the formula to your climate, press and substrate while keeping prices stable when markets move. Tell us what you print, what you label and where it ships — we match the material, send free samples, and stand behind every roll.

KUOXUAN is the self-adhesive material brand of FOB RENT. Paper, PP / PET / PVC films and specialty facestocks — formulas developed in-house, with 100% inspection before every roll leaves.

50+	115	4	60+
years of coating R&D	production structures	production sites	countries served

Free samples
A4 samples (up to 3 m) tested first — order only after it works

Adjustable formula
Facestock / adhesive / liner tuned to climate, press & substrate

100% inspected
Five tests reported with the goods; batch samples retained & traceable

Loading photos
Palletizing and container loading documented; damage traceable

LABEL MATERIAL TECH NOTE

What is self-adhesive (pressure-sensitive) label material?

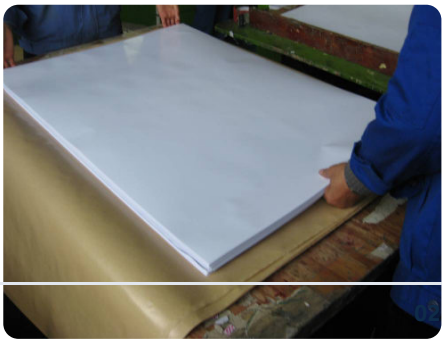
- Laminated from three layers — facestock, adhesive and release liner; peel off the liner and apply, no on-site gluing needed.
- The facestock defines printability and weathering; the adhesive defines the bond; the liner defines smooth application.
- The technical term is pressure-sensitive material: it adheres with finger pressure at room temperature, no heat or solvent activation.



Coating line • 1080 mm web width



Multi-zone drying / curing



Sheet cutting & ream packing

One group, one quality system, one export team

If you have purchased from the group before, you already know our people and paperwork. KUOXUAN is the group's material brand — under either name, the same team is responsible and the same window handles after-sales.

Group • Parent company

FOB RENT CORPORATION LIMITED

The parent company, quality system and export organization behind KUOXUAN: decades of international trade experience handling consolidated shipping, documentation and after-sales.

Material brand

KUOXUAN

The group's self-adhesive material brand, with coating lines, a formulation lab, 115 production structures and engineers who answer technical questions.



LABEL MATERIAL TECH NOTE

Why choose a coater instead of a trader?

- We control the formula and coat weight, so grammage, thickness and tack stay consistent batch to batch — no good-bad surprises.
- Adhesives can be tuned for specific climates, presses and substrates rather than pulling 'something close' from generic stock.
- A complaint traces to a specific roll, shift and retained sample; traders often simply reship and cannot find the root cause.

Four delivery formats from one material

Jumbo rolls, slit rolls, A4/A3 sheets and export pallets — the packaging is built for 30 days at sea, not for the photograph.



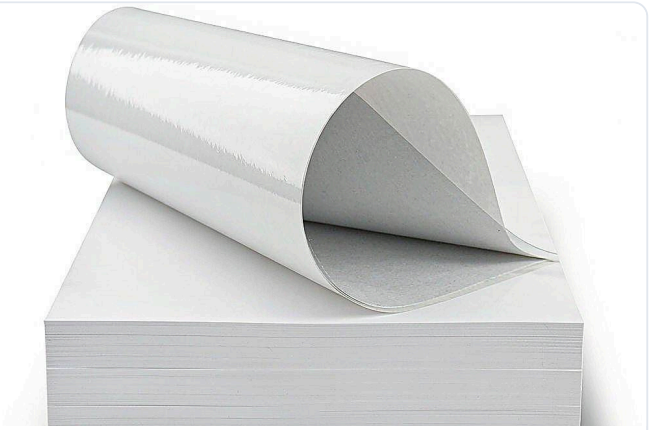
Jumbo Roll

Master roll up to 1080 mm web width for continuous high-volume production — fewer roll changes, higher line efficiency.



Slit Roll

Pre-slit to your press web width, 3-inch core, splice joints marked and counted — ready to run on arrival.



Sheet (A4 / A3 / custom)

Cut, jogged and ream-packed to your size for smooth, jam-free feeding on laser, inkjet and sheet-fed offset presses.



Export Pallet

Stretch-wrapped, strapped and edge-protected on fumigated pallets; loading photographed and archived for 30 days at sea.

LABEL MATERIAL TECH NOTE

Confirm these parameters before ordering

- Core: rolls usually use a 3-inch (76 mm) core; match the press web width and maximum roll diameter in advance.
- Splice joints: count and position of joints are marked and counted; sheets are packed by ream with the count noted.
- Width: our maximum coating width is 1080 mm; we slit to your web width free of charge.

KUOXUAN
STICK WITH QUALITY

Three layers decide whether a label survives

Choose the wrong layer and the label fails in the field, not on the press. We design all three, and we will tell you plainly which layer carries the risk.

1 Facestock

- Cast / semi-gloss art paper 70–160 g/m²
- Thermal, direct-thermal, synthetic paper
- PP / PET / PE / PVC film 23–100 µm
- Specialty: holographic / fluorescent / metallic

2 Adhesive

- Water-based / hot-melt permanent
- Freezer grade down to −40 °C
- Removable — repositionable, no residue
- High-tack for rough surfaces

3 Liner

- Glassine 40–80 g, white / yellow
- Release force tuned to applicators
- Kraft / PET-film liner / CCK
- Liner and base paper export-grade

LABEL MATERIAL TECH NOTE

How does each of the three layers fail?

- Facestock: insufficient heat resistance causes shrinkage; low film surface tension causes ink to drop off.
- Liner: too-heavy release causes label breakage and dispensing trouble; a damp, softened liner jams the machine.
- Adhesive: low tack fails to stick, poor shear causes edge lifting and sliding; wrong peel force blocks rework or damages surfaces.



Semi-gloss art paper



Clear BOPP / PET



Metallic PET



White PP film



Kraft paper



Glassine / CCK liner

Three-layer system match Facestock, adhesive and liner are not assembled at random — we calibrate them as one system for your press, substrate and environment, avoiding field failures caused by a 'good face with the wrong glue'.

Seven product families organized by printing platform

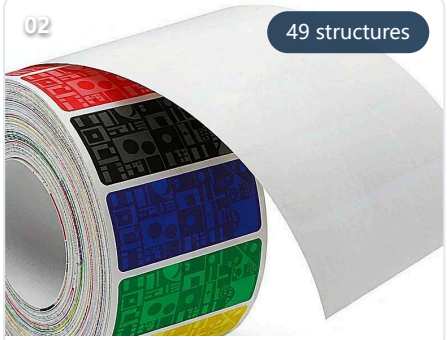
This is how converters choose: pick your press and the structure is already tuned for it.

01 · 14 structures



UV Inkjet Labelstock
UV INKJET LABELSTOCK

02 · 49 structures



Flexo Labelstock
FLEXO LABELSTOCK

03 · 24 structures



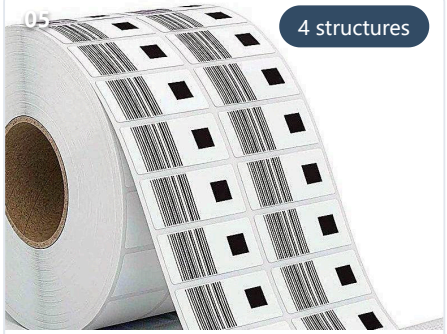
Memjet Labelstock
MEMJET LABELSTOCK

04 · 17 structures



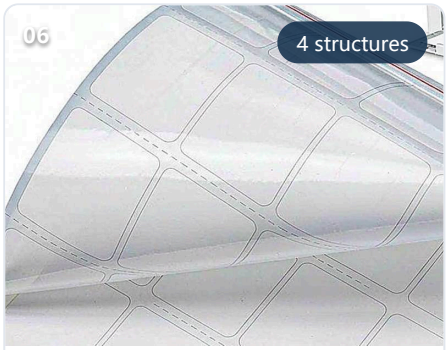
Offset Labelstock (sheets)
OFFSET LABELSTOCK

05 · 4 structures



HP Indigo Labelstock
HP INDIGO LABELSTOCK

06 · 4 structures



Laserjet Labelstock (sheets)
LASERJET LABELSTOCK

07 · 3 structures



New Explore Series
NEW EXPLORE

LABEL MATERIAL TECH NOTE

Why choose material by printing platform?

- Inkjet needs an ink-absorbing, fast-drying receptor; HP Indigo needs a dedicated ElectroInk primer; laser needs resistance to ~200 °C fusing.
- Tell us the press (e.g. Durst, Memjet, HP Indigo, Ricoh laser) and half the structure is decided.
- The wrong coating shows up as no print adhesion, post-print scuffing, web curl, or adhesive bleed under heat.

KUOXUAN
STICK WITH QUALITY



UV Inkjet Labelstock

14 structures

A top-coated, instant-dry UV inkjet face with vivid colour and durable weathering, tuned for Durst, Domino, Xeikon, Handtop and other mainstream UV inkjet presses.

Industrial nameplates | Household & personal care | Electronics & appliances | Automotive & new energy | Marine & offshore | AI hardware labels

Coating	Facestock	Adhesive	Max width
UV-receptive top coat	Paper / PP / PET	Permanent / removable / freezer	1080 mm

Representative Grades

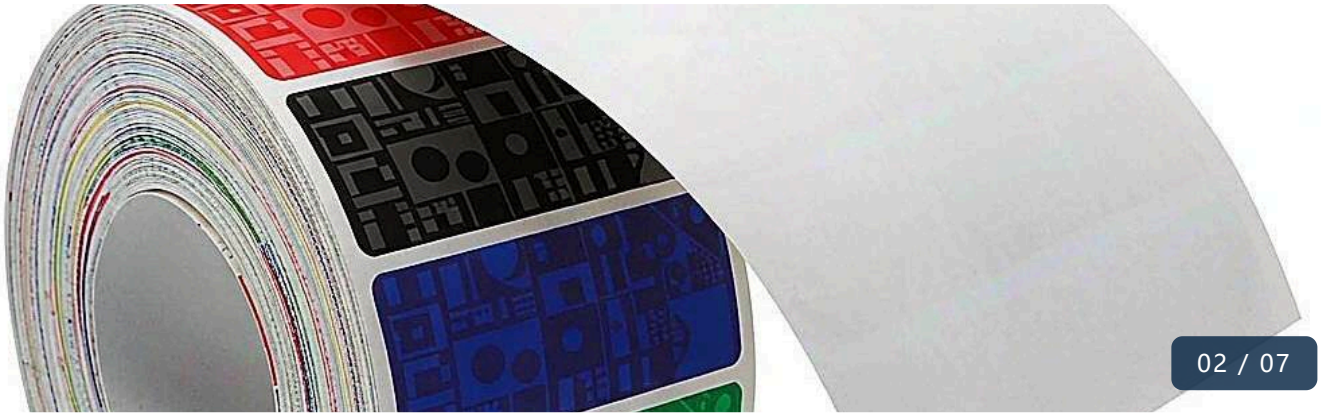
14 structures & TDS at www.bltok.com

Code	Facestock	Adhesive	Liner
UV0101W21	140 g/m² semi-gloss cast-coated paper	23 ± 3 µm	60 g/m² white glassine
UV0105W21	80 g/m² UV inkjet semi-gloss paper	water-based adhesive	60 g/m² glassine
UV0201W21	36 µm gloss white BOPP film	21 ± 3 µm (ISO 2808)	60 g/m² white glassine
UV0301W21	36 µm matte white BOPP film	21 ± 3 µm (ISO 2808)	60 g/m² white glassine
UV0401W21	80 µm clear BOPP film	21 ± 3 µm	60 g/m² white glassine
UV0501W21	80 µm gloss silver PET film	21 ± 3 µm	60 g/m² white glassine

Typical applications


Electronics / energy labels


Automotive & new energy



Flexo Labelstock

49 structures

The high-volume family: paper and PP/PET/PE films tuned for flexo presses and high-speed applicators — the workhorse for logistics, thermal and food labels.

Logistics & address labels | Thermal labels | Food packaging | High-volume household | Cold-chain labels

Coating
Standard / thermal

Facestock
Paper / PP / PE / PET / PVC

Adhesive
Hot-melt / water-based / freezer

Max width
1080 mm

Representative Grades

49 structures & TDS at www.bltok.com

Code	Facestock	Adhesive	Liner
FL0101W21	70 g/m² woodfree paper	hot-melt adhesive	54 g/m² white glassine
FL0109W21	70 g/m² top-coated thermal paper	hot-melt adhesive	60 g/m² white glassine
FL0106W21	90 g/m² gloss cast-coated paper	high-tack hot-melt	54 g/m² T-type white glassine
FL0203W21	75 µm gloss white BOPP film	removable adhesive	80 g/m² white glassine
FL0204W21	50 µm gloss white BOPP film	freezer adhesive	60 g/m² white glassine
FL0305W21	80 µm gloss white PET film	solvent acrylic adhesive	60 g/m² white glassine
FL0403W21	80 µm white PE film	freezer adhesive	60 g/m² white glassine

Typical applications


Logistics & e-commerce waybills


Food & cold-chain labels



03 / 07

Memjet Labelstock

24 structures

A porous, fast-drying coating built for Memjet printheads, delivering 1600 dpi colour at production speed for colourful product labels and short e-commerce runs.

Colour product labels | Food & beverage | Short-run fast print | E-commerce | Gold / silver / laser effects

Coating	Facestock	Adhesive	Max width
Porous fast-dry	Gloss / matte paper · PP	Permanent water-based	1080 mm

Representative Grades

24 structures & TDS at www.bltok.com

Code	Facestock	Adhesive	Liner
MJ0101W21	100 g/m² gloss cast-coated paper	hot-melt adhesive	80 g/m² glassine
MJ0301W21	60 g/m² fragile paper	permanent water-based acrylic	150 g/m² coated paper liner
MJ0401W21	75 µm gloss white PET film	permanent water-based acrylic	80 g/m² glassine
MJ0501W21	100 µm clear PET film	permanent water-based acrylic	80 g/m² glassine
MJ0601W21	60 µm brushed gold PET film	permanent water-based acrylic	80 g/m² glassine
MJ0701W21	50 µm gloss silver PET film	solvent acrylic adhesive	80 g/m² glassine

Typical applications







Offset Labelstock (sheets)

17 structures

Sheet-fed offset stock with a surface optimized for high-fidelity finishing — compatible with hot foil, embossing and varnishing; the first choice for wine, gift and cosmetics boxes.

Wine & spirits | Gift boxes | Cosmetics | Premium packaging | Foil / embossing

Coating	Facestock	Adhesive	Form
Sheet-offset optimized	PET / PVC / PP / paper	Acrylic / water-based	A4 / A3 sheets

Representative Grades

17 structures & TDS at www.bltok.com

Code	Facestock	Adhesive	Liner
OF0101W21	brushed gold PET film	acrylic adhesive	135 g/m² backing paper
OF0103W21	clear PET film	water-based acrylic adhesive	135 g/m² backing paper
OF0104W21	brushed silver PET film	water-based acrylic adhesive	135 g/m² backing paper
OF0106W21	gloss gold PET film	water-based acrylic adhesive	135 g/m² backing paper
OF0203W21	80 µm white PVC film	acrylic adhesive	135 g/m² backing paper
OF0401W21	180 g/m² gloss cast-coated paper	water-based adhesive	95 g/m² white backing paper

Typical applications



Cosmetics / personal care



Wine & spirits



05 / 07

HP Indigo Labelstock

4 structures

Compatible with HP Indigo ElectroInk, with a coating tuned for ElectroInk for accurate dot reproduction — ideal for variable-data and brand-security printing.

Variable-data labels | Brand security | Short-run personalization | Food & daily chemicals

Coating	Facestock	Adhesive	Max width
Indigo-ready primer	Paper / PP / clear PP	Water-based	1080 mm

Representative Grades

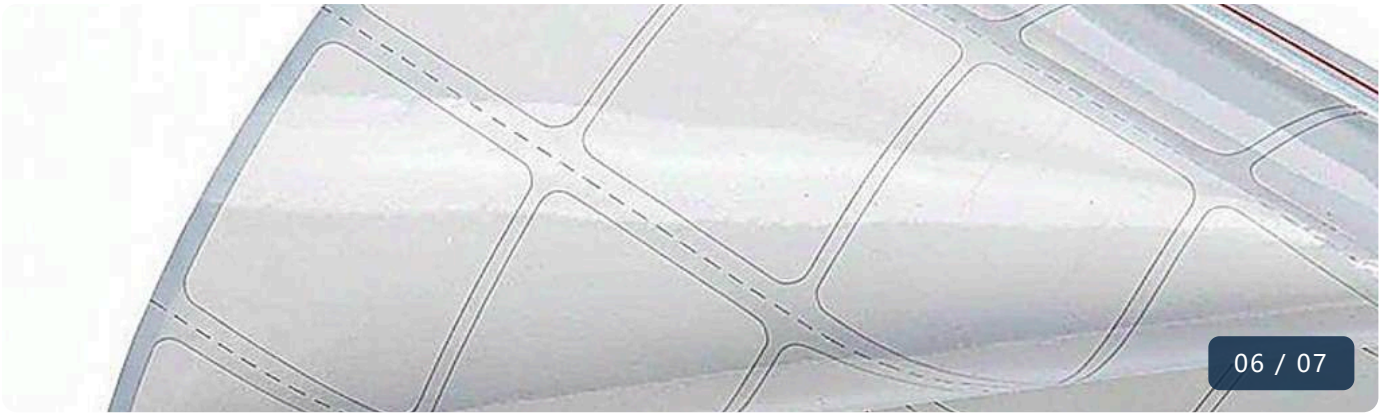
4 structures & TDS at www.bltok.com

Code	Facestock	Adhesive	Liner
PA0605W07	80 g/m² semi-gloss paper	water-based adhesive	90 g/m² white backing paper
PC7407W31	75 μm Indigo matte white PP film	water-based adhesive	135 g/m² white backing paper
PC2007W31	60 μm Indigo gloss white PP film	water-based adhesive	135 g/m² white backing paper
TPP5007W31	50 μm Indigo clear PP film	water-based adhesive	135 g/m² white backing paper

Typical applications







Laserjet Labelstock (sheets)

4 structures

Sheet-fed construction that survives laser fusing heat (~200 °C) without curling or print bleed — a dependable choice for office and asset labels.

Office labels | A4 / A3 stickers | Document marking | Asset labels

Coating	Facestock	Adhesive	Form
Withstands 200 °C fusing	Paper / PP / PET	Water-based	A4 / A3 sheets

Representative Grades

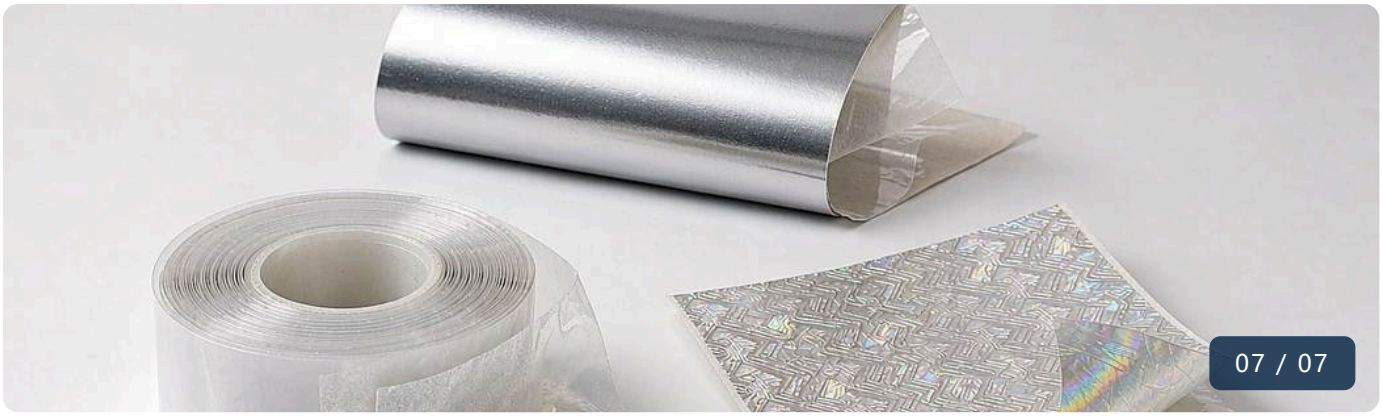
4 structures & TDS at www.bltok.com

Code	Facestock	Adhesive	Liner
LJ0101W21	140 g/m² semi-gloss cast-coated paper	water-based adhesive	95 g/m² white backing paper
LJ0201W21	70 g/m² woodfree paper	water-based adhesive	95 g/m² white backing paper
LJ0301W21	75 µm pearlescent white BOPP film	water-based adhesive	135 g/m² white backing paper
LJ0401W21	25 µm gloss white PET film	water-based adhesive	135 g/m² white backing paper

Typical applications


Asset / office labels


Shelf / barcode labels



New Explore Series

3 structures

Frontier products developed with key customers: VOID transfer, fragile paper, metallized and special-effect materials for traceability, tamper evidence and brand protection.

VOID transfer | Tamper-evident seals | Fragile-paper security | Holographic / metallic effects

Type	Facestock	Adhesive	Cooperation
Security / traceability / special effects	Metallized PET / fragile paper / PE	Rubber / solvent / custom	Joint development

Representative Grades

3 structures & TDS at www.bltok.com

Code	Facestock	Adhesive	Liner
NE0101W21	25 μm vacuum-metallized PET film	hot-melt adhesive	80 g/m² glassine
NE0102W21	100 μm white PE film	solvent acrylic adhesive	60 g/m² white glassine
NE0103W21	matte silver full-transfer VOID security	rubber adhesive	80 g/m² white glassine

Typical applications


VOID security seals


Clear / special-effect films

KUOXUAN
STICK WITH QUALITY

Facestock, adhesive & liner quick-selection matrix

Tell us the conditions (temperature, humidity, substrate, transit time) and we recommend and pre-verify against this matrix.

Facestock

Paper	Woodfree 70–100 g · cast/gloss paper 80–180 g · top-coated thermal 70 g
PP / BOPP	Gloss / matte / pearlescent white 25–100 µm · clear BOPP
PET	Gloss / matte white, clear, gold, silver, brushed, metallized 25–100 µm
PE / PVC	White PE 80 µm (soft, conformable) · coloured PVC 80 µm
Specialty	Fragile paper, holographic, fluorescent, VOID transfer, synthetic paper

Adhesive

Hot-melt	High initial tack, cost-effective; general logistics & high volume
Water-based acrylic	Good ageing and appearance; personal-care & electronics
Solvent acrylic	Heat & plasticizer resistant; metallic film & hard-to-stick surfaces
Removable	Repositionable, no residue; promotions & protection films
Freezer / rubber	−40 °C cold chain, damp rough surfaces & security applications

Liner

Glassine	White / yellow 40–80 g; mainstream for high-speed applicators
Coated paper liner	95–150 g; supports sheets and fragile paper
PET-film liner	30 µm clear; high-precision die-cutting, no stretch
CCK / kraft	High-temperature processes and heavy-duty use
Release force	Tuned to applicator speed; light or heavy release

Not sure which to choose? Tell us your press, substrate surface, application temperature and transit time; engineers recommend from the matrix, produce a trial and verify before you commit — no guesswork.

KUOXUAN
STICK WITH QUALITY

Ten industries, one material logic

From −40 °C frozen seafood to vehicle decals, marine labels and AI server cabinets — the environment defines the structure, and we have already verified most of them.

- **Cold-chain & Frozen**
- **Food & Beverage**
- **Logistics & E-com**
- **Wine & Spirits**
- **Electronics & AI**
- **Pharma & Medical**
- **Beauty & Personal Care**
- **Anti-counterfeit**
- **Automotive**
- **Marine & Waterproof**



Extreme-environment program

−40 °C freezer adhesive, waterproof marine labels, high-temperature electronics labels and VOID security — describe the harshest conditions and we answer with a verified structure instead of gambling on generic stock.

LABEL MATERIAL TECH NOTE

"Environment defines the structure" — four selection factors

- Application temperature: freezer labelling needs a low-temperature adhesive; a normal adhesive simply will not bond in a cold room.
- Transit time: peel strength stabilizes only 24 hours after application; sea freight adds humid-heat ageing.
- Substrate: rough corrugated, HDPE, glass, metal and powder-coated surfaces each demand a different adhesive.
- Tell us in advance about oil, condensation or textured surfaces; we switch to high-tack / solvent adhesive.

−40 °C frozen

White PE film + freezer adhesive + 80 g glassine

High-temp electronics

PET film + 150 °C solvent adhesive

Security VOID

Metallized transfer film + high-tack permanent

Rough / damp

Thick PE film + high-tack hot-melt

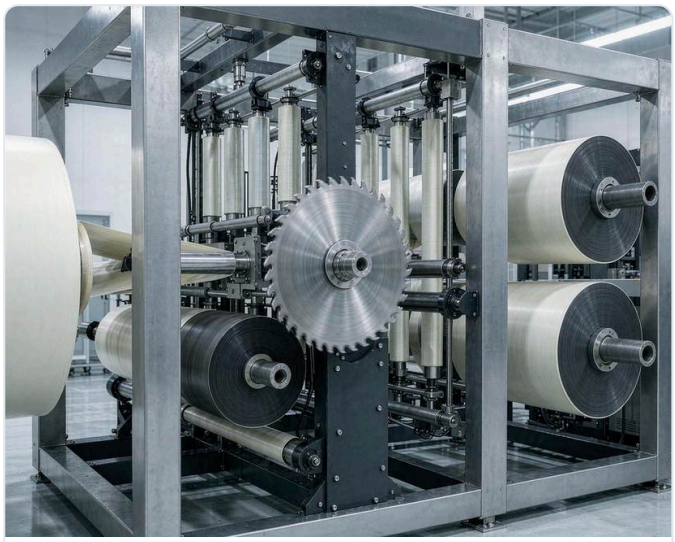
Decades of coating — and making it stay on

Coating, slitting, sheeting and packing all run under our own quality system; every complaint traces to a specific roll, shift and batch.



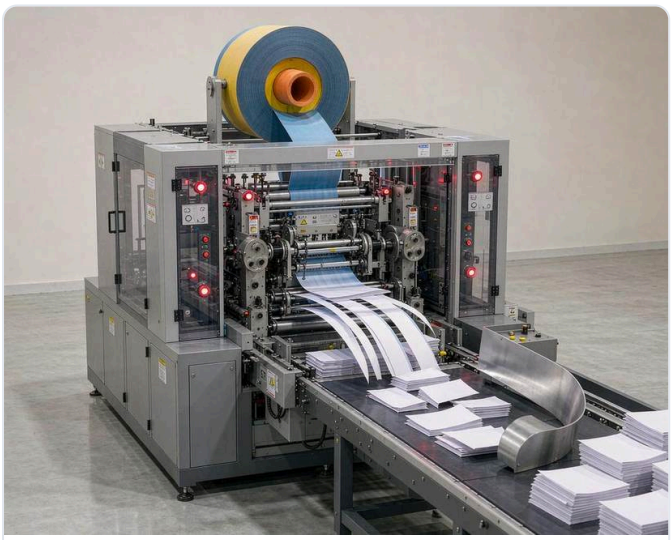
Coating

Gravure / slot-die / wire-bar coating heads, 1080 mm web width, multi-zone drying and online coat-weight control.



Slitting & rewinding

Razor / shear / score methods, down to narrow widths; constant tension, splice joints marked and counted.



Sheeting

Rotary sheeting to A4/A3 or custom sizes, jogged and moisture-barrier ream-packed.



Packing & pallets

Stretch film, strapping, edge protectors, pallets and loading photographed — clear, traceable delivery status.

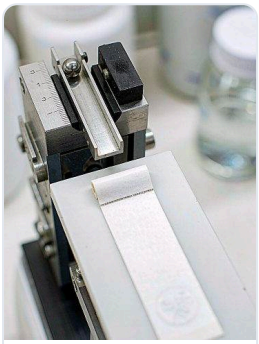
LABEL MATERIAL TECH NOTE

Coat weight and curing determine bond and print stability

- Coat weight in g/m²: too little means weak bond; too much causes adhesive bleed and oozing, disrupting die-cutting and waste removal.
- Online thickness measurement and CCD inspection control thickness tolerance, preventing web tension swings and misregistration.
- Multi-zone drying/curing fully drives off solvent or water; residue causes bubbles and odour inside the roll.

Five tests every roll must pass before shipment

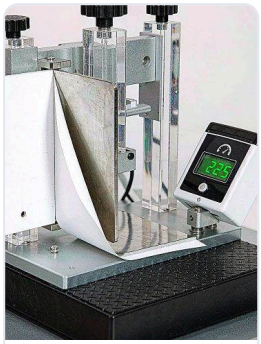
An in-house lab, calibrated instruments and batch samples retained for the product lifecycle — a test report can ship with every batch.



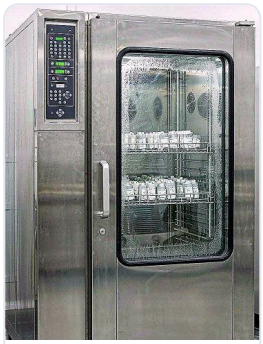
Initial Tack
Rolling-ball method, equivalent to J.Dow / PSTC, measuring the instant adhesion of the label.



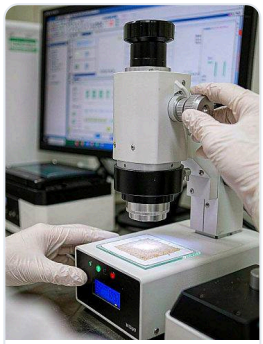
Shear Holding
Loaded shear test recording failure hours, simulating long-term hanging without sliding or falling.



Peel Force
180° peel at controlled speed and dwell time, balancing a firm bond with rework capability.



Ageing & climate
Constant climate and cycling hot/cold ageing to simulate warehouse and transit conditions.



Coating Microscopy
Digital microscopy checks coat weight and surface defects; every roll inspected before release.



LABEL MATERIAL TECH NOTE

The three most-asked adhesion metrics

- Initial tack: the bond the instant the label touches — whether it 'goes on in one touch'.
- Peel force: the force at 180° removal; permanent bonds aim for high peel, removable bonds for low residue.
- Shear resistance: no sliding or falling under sustained gravity or shear, critical for hang-tag labels.
- Bond strength stabilizes 24 hours after application; test in standard conditions (23 °C / 50 % RH).

Global delivery: 60+ countries across five continents

Customers across the Americas, Europe, the Middle East, Africa and Asia — converters, printers, packaging distributors and brand owners.







Americas
North · Central & South

Europe
Western · Central & Eastern

Middle East & Africa
Gulf · North Africa · Southern Africa

Asia & Oceania
Southeast · East Asia · Australasia

LCL / FCL consolidation

Consolidate with other group cargo — small orders still ship by sea, lowering unit freight.

Full documentation

Certificate of origin, packing list, B/L and test report travel with the goods for smooth customs.

Fumigation & marking

Wooden pallets fumigated and marked to import rules; loading photographed and archived.

LABEL MATERIAL TECH NOTE

What 30 days of sea freight means for material and packaging

- Heat and humidity soften the core and liner, so rolls get moisture-barrier film and sheets get moisture-proof ream bags.
- Wooden pallets are fumigated and carry the IPPC mark to import-country rules, avoiding customs holds.
- Stretch film + strapping + edge protectors prevent collapse; palletizing and loading are photographed and archived.

Complete export documents Commercial invoice, packing list, B/L, certificate of origin (CO / Form A / Form E, etc.), MSDS and test reports travel with the goods; wooden pallets carry the IPPC mark and a fumigation certificate so the destination port clears without delay.

KUOXUAN
STICK WITH QUALITY

Five steps from sample to mass production

We welcome audits — walk the Fengxian coating base, see the lab and tear a strip straight off a running jumbo to test it. Seeing is believing.

1 Requirement confirmed
Press / substrate / conditions

→

2 Free samples
A4 samples, up to 3 m

→

3 On-press validation
Trial tuning & full inspection

→

4 Small trial order
Stable supply, batch samples

→

5 Mass production & loading
Loading photos & full documents

Batch samples retained

Test report with goods

Full TDS / MSDS

Reply within one working day

Factory audit welcome

KUOXUAN
STICK WITH QUALITY

From trial to mass production, we work your way

We reply within one working day.

Mr Jason Wang • Export Director
Export & Marketing

Factory Building B, No.7818 Puwei Road, Fengxian, Shanghai

Mobile / WhatsApp / WeChat
+86 150 0008 8909

Tel **+86 21 3921 7206**
wangchangjiu@bltok.com
wangchangjiu007@hotmail.com

Scan for the online product library
www.bltok.com

Trade terms	Payment	OEM / ODM	Standard lead time
FOB / CIF / EXW (negotiable)	T/T · L/C at sight	Neutral packaging · customer brand	Stock items 7–15 days

Tell us now: your press, substrate and operating conditions

Engineers recommend a structure from the matrix and send up to 3 m free to validate before you order.

WhatsApp / WeChat
+86 150 0008 8909