

Guangdong Chenxin Paper Co.,Ltd.is an enterprise centered on the production of office paper products.Headquartered in Guangdong Province,the manufacturing center of China,it is a modern professional manufacturer of office paper products integrates R&D, production,and sales. The company has two production bases,which are located in Huicheng District,Huizhou,Guangdong, Province and Lianping County,Heyuan,GuangdongProvince..With thermal paper and label paper as the core products,the company has been plowing into the field of specialty paper products for more than 20 years.Our products are exported to more than 60 countries and regions such as Europe,America,Southeast Asia,and the Middle East, and we have established long-term strategi cooperation with Alibaba. From Guangdong,China,to the corner of the world, Chenxin with professional shorten the distance of efficiency,serving e-commerce,logistice catering trillion market. Guangdong Chenxin paper industry with innovation as the pen writing thermal paper industry of China's power



WINTEL



Collaboration and Win Win
There is no best,No best but better

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Guangdong Chenxin Paper Industry Co.,Ltd.

Thermal cash register paper

Common specification

Features: No ribbon required, color develops when heated, ready to type and use

Applicable models: thermal POS machine, takeaway printer

Advantages: fast printing time (up to 150mm/s), low cost, easy to operate

Shelf life: 6-12 months (protected from light), 2-5 years (room temperature)

Paper thickness: 48-70g/m3; 57mmX30mm/40mm/50mm/60mm/70mm; 80mmX50mm/60mm/70mm/80mm, etc., Diameter and meters can be customized.

Thermal paper

> Plain Thermal Paper

>Long-lasting thermal paper

>Three-proof thermal paper

>Environmentally friendly thermal paper

Applicable scenarios

Retail stores: merchandise transaction tickets, member consumption records

Catering takeaway: order details, pick-up vouchers

Parking lot: fee vouchers, QR code tickets

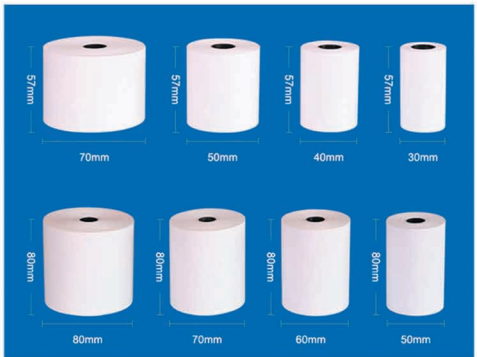
Medical/government affairs: registration form, business transaction receipts

core

No tube core :8*8mm、 10*10mm

Paper tube core : 13*19mm、 18*22mm、 25*33mm

Tube core:9*12mm、 13*18mm、 15*17mm、 16*19mm、 23*26mm



Example of thermal cash register paper specifications



Thermal cash register paper (customized,printed)

Dimension

Printing methods

Pre-printing (optional): Print the enterprise LOGO, advertising slogan, background and other fixed contents in advance on the front or back side (need to use environmentally friendly ink).

Printing Compatibility

Support printing: text, numbers, barcode (Code128/EAN-12), 2D code, graphics.

Special requirements: can be customized color thermal paper (red, orange, yellow, blue, green and other effects).

Up to eight colors can be printed

Customize or design all kinds of printing patterns on behalf of customers, flexible sampling.

A variety of printing thermal paper for choice.

Specification

57 (21/4) series, 80 (31/8) series, according to customer printing requirements can be customized production of various specifications.

Packing

Inner packaging: gold foil paper, transparent over molding, cookie film, black film.

Outer packaging: customized outer box LOGO/brand OEM according to requirements.



ATM machine paper

Norm

80*150mm,80*180mm etc., can be customized according to customers' requirements.

Material

Thermal paper, double glued paper, carbonless paper

Support printing: support customized printing logo.

A variety of thermal paper for printing can be selected

Up to eight colors can be printed, can be customized according to customer requirements.



Core tube display

Norm

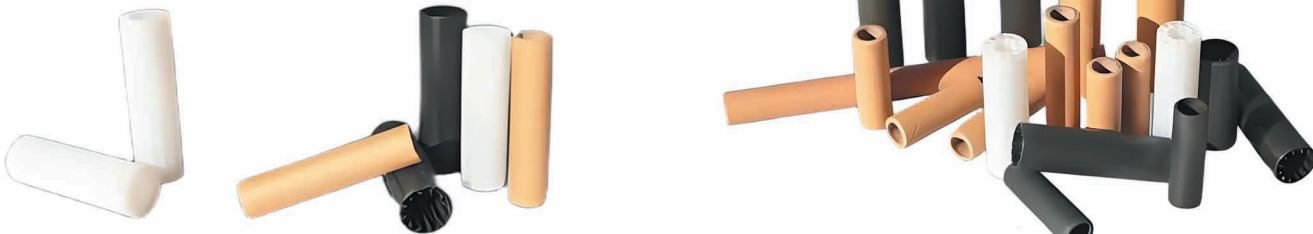
> All rolls are available with different sizes of tubes or plastic cores to match.

> Plastic tube core is produced by the company, more than 20 different specifications of molds can be sold separately to customers in the industry.

Material

Tube sizes are available::13*19mm,13*21mm,16*22mm,18*25mm,26*34mm

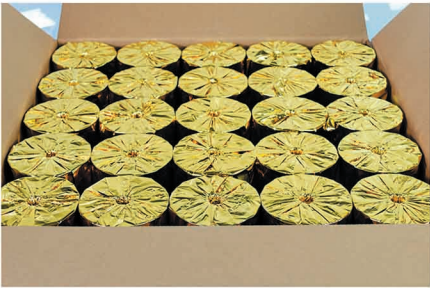
Plastic core (white, black or primary color) sizes are available:13*17mm,13*18mm,12*22mm



Packaging display

Inner packaging: gold foil paper, transparent over molding, cookie film, black film.

Outer packaging: customized outer box LOGO/brand OEM according to requirements.



Thermal label paper

► Specificities

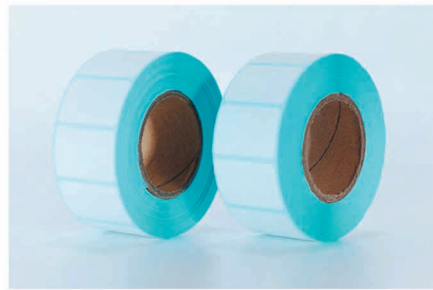
- Ready-to-use: Ready-to-use: no ink, ribbon, thermal print head can be heated to clear color, high efficiency and save consumables.
- Waterproof and oil-proof: High quality triple-proof coating (waterproof, oil-proof and scratch-proof), suitable for wet or oily environments.
- Multiple sizes available: width from 20mm to 100mm, the tube core is suitable for all kinds of thermal printers (e.g. electronic scales, barcode machines).
- Long-lasting and clear: high sensitivity thermal coating, handwriting preservation for 6-12 months (if you need long-term preservation, you can choose the long-lasting type).
- Environmentally safe: no chemical ink, meet food contact standards (some models can be used for fresh food labeling).

► Purpose

- Face sheet label: stick on the parcel, print the courier single number, recipient information, resistant to transportation friction.
- Warehouse management: mark shelves, box number, easy to scan code into/out of warehouse.
- Commodity price tags: supermarkets, convenience stores to print prices, support the price change at any time.
- Food and beverage labels: takeaway order number, milk tea cup sealing sticker, waterproof and not blurred.
- Drug labeling: print drug name, expiration date, avoid handwriting errors .
- Asset labeling : equipment number, inspection records, anti-oil stain durable
- Logistics sorting: high-speed printing, adapt to automated assembly lines
- est specimen: low-temperature refrigeration, labels do not fall off

► Thermal label specifications

- 40*30mm, 50*30mm, 60*40mm, 70*50mm, 80*60mm, 100*100mm, 100*150mm, Customized sizes are available upon request (both horizontal and vertical).
- Printing: support customized specifications, printing double-sided/multi-color.
- Process: digital printing, screen printing, letterpress printing, etc. can be customized according to customer requirements.



Customized label printing

► Thermal printing variable content (instant printing)

- | | | |
|--|--|--|
| I. Dynamic data class | II. Barcodes and QR codes | III. Individuality |
| -Production date/Validity period (Format: 2025-12-31
Or Batch number A25BXC | -One-dimensional Code: Code 128, EAN-13 (Commodity barcode) | -Customer name (such as on the takeout label) |
| -Serial number, unique identification code (such as UUID) | - QR code: Links to the official website, traceability page or electronic manual | - Medical Orders/Remarks (Medical Labels) |
| -Real-time price (Promotional Price/Member Price) | - Traceability codes: Drug supervision code, cold chain traceability ID | -Logistics information (recipient's address, waybill number) |

► Pre-printed fixed content (batch printing)

- | | |
|--|--|
| I. Dynamic data class | II. Barcodes and QR codes |
| -Production date/Validity period (Format: 2025-12-31
Or Batch number A25BXC | -One-dimensional Code: Code 128, EAN-13 (Commodity barcode) |
| -Serial number, unique identification code (such as UUID) | - QR code: Links to the official website, traceability page or electronic manual |
| -Real-time price (Promotional Price/Member Price) | - Traceability codes: Drug supervision code, cold chain traceability ID |

- III. Individuality
- Customer name (such as on the takeout label)
 - Medical Orders/Remarks (Medical Labels)
 - Logistics information (recipient's address, waybill number)

- IV. Industry-specific content
- Medicines: GMP mark, prescription drug symbol
 - Logistics: Sorting area color blocks, company terms
 - Retail: Price box (preprinted "¥_____")



Coated paper labels(printed with carbon ribbons)

► Specificities

- High definition printing: surface coating or layer treatment, high color reproduction, text, barcode, pattern printing is clear and sharp
- Economical: compared with synthetic materials, PET materials, coated paper or lower cost, suitable for large quantities of use
- Strong adhesive: high quality self-adhesive backing, sticking firmly, not easy to warp or fall off.
- Glossy film: Enhance glossiness, waterproof and anti-fouling, suitable for commercial labels.
- Matte film: low-profile texture, anti-scratch, suitable for end packaging.
- No film: basic model, suitable for short-term labeling needs.



► Use

- Price tag: supermarkets, convenience stores, etc.
- Courier face sheet: logistics, express delivery, etc.
- Warehouse management: shelf marking, inventory classification for easy code scanning management.
- Document labeling: classification and filing, improve office efficiency
- Asset labels: affixed to equipment or goods for easy tracking
- Food packaging: mouth labeling, such as snack bags, beverage bottles
- Daily chemical products: shampoo, shower gel and other bottle labels



► How to choose

- Normal: for short-term indoor use (e.g. promotional price tags, document categorization)
- Lamination type: waterproof and anti-fouling, suitable for logistics or humid environments (e.g. beverage cabinet labels)
- Heavy Duty: Higher hardness, suitable for packaging labels that require a firm feel.



► Copperplate label specifications/printing

- 40*30mm, 50*30mm, 60*40mm, 70*50mm, 80*60mm, 100*100mm, 100*150mm
- Customized sizes are available upon request (both horizontal and vertical)
- Printing: support customized specifications, printing double-sided/multi-color
- Process: digital printing, screen printing, letterpress printing, etc. can be customized according to customer requirements

Colored label paper

► Product Features

- Color self-adhesive custom printing clear, waterproof and oilproof, no ink loss, can type forms.
- Strong adhesion, can be handwritten, complete specifications, a variety of colors can be customized

► Specification/Printing

- 40*30mm, 50*30mm, 60*40mm, 70*50mm, 80*60mm, 100*100mm, 100*150mm
- Customized sizes are available upon request (both horizontal and vertical)
- Printing: support customized specifications, printing double-sided/multi-color
- Process: digital printing, screen printing, letterpress printing, etc. can be customized according to customer requirements



Synthetic thermal label

Specificities

Water and oil-resistant: Completely resistant to water and oil stains, suitable for cold chain, outdoor and other wet environments

Chemical resistance: Resistant to common solvents such as alcohol, if acid and alkali (suitable for medical treatment, laboratory)

Direct printing: fast printing by heating the thermal layer to develop colors

Low-temperature resistance: -20° C without embrittlement

High-temperature resistance: Some models can withstand short-term high temperatures up to 100° C (e.g. auto parts labels).

How to choose

General indoor: choose traditional thermal paper labels (low cost)

Outdoor/Humidity: Synthetic thermal paper is mandatory

Short-term use: (< 6 months) plain thermal paper labels

Long-term archiving: (> 1 year) Synthetic thermal paper labels

Simple Printing/Barcoding: Plain Thermal Paper Labels

Highly Accurate Patterns / 2D Codes: Select Synthetic Thermal Paper Labels

Role and use

Cold chain logistics labels: Refrigerated food and medicine transportation, low-temperature environment does not come off.

International Freight Facsimile: ocean freight, air freight labeling, resistant to moisture and friction.

Equipment marking: factory machinery labeling, resistant to oil and high temperature.

Chemical packaging: corrosion resistance, suitable for chemical raw material drum labeling.

Fresh food labeling : Supermarket aquatic and meat packaging, waterproof and blood stain resistant.

Takeaway labels: milk tea cups, lunch box sealing stickers, long time without fading.

Medical test tube labels: alcohol sterilization, low temperature freezing.

Laboratory samples: long-term preservation without blurring.

Synthetic thermal paper printing

A wide range of synthetic thermal paper for printing is available

Flexible printing of various patterns

Horizontal and vertical plates can be processed on request

Up to eight colors can be printed



Specificities

Waterproof and moisture-proof: The surface is coated with a film, low resistance to water and oil, suitable for use in humid environments.

Tear Resistant: The synthetic substrate is tougher than regular paper and will not tear.

Rubbing resistance: print content is long-lasting and clear, suitable for transportation and warehousing labels.

Economical: Lower cost than PET, PVC and other synthetic materials suitable for high volume use. More durable than ordinary coated paper, reducing long-term replacement costs.

How to choose

General indoor: choose traditional coated paper labels (low cost)

Humid/outdoor/wet: must choose synthetic coated paper labels

Short-term use: (<1 year) plain coated paper labels

Long-term archival: (>1 year) synthetic coated labels



Suitable scene

Courier Face Sheet: waterproof and friction-proof to ensure that the information is not blurred during transportation.

Warehouse labels: shelf identification, inventory management, long-term use of the color does not fade.

Daily chemical labels: shampoo, shower gel and other bottle labels.

Food labels: such as snack bags, seasoning labels.

Equipment labeling: oil resistant, scratch resistant, suitable for factory environment.

Electronic product labels: electrical appliances nameplate, manual nominal note.

Synthetic coated paper printing

A wide range of synthetic coated paper printing options are available.

Flexibility to print a variety of designs

Customized printing on request

Up to eight colors can be printed

Synthetic thermal / coated paper label printing

Synthetic label paper printing usage scenarios

- Electrical and electronic industry: electronic component labels, home appliance nameplates, battery labels
- Medical and pharmaceutical industry: drug labels, medical device labels, laboratory sample labels
- Chemical and industrial manufacturing: chemical labels, industrial equipment labels, automotive parts labels
- Food and cold chain logistics: frozen food labels, beverage bottle labels, fresh labels
- Logistics and warehousing: courier manifests, warehouse shelf labels, international transportation labels
- Special application scenarios: outdoor equipment labels, RFID smart labels, anti-counterfeiting labels



Matte silver paper label

Specificities

- Strong printing compatibility: support offset printing, silkscreen printing, hot stamping and other processes, design flexibility
- Matte silver surface: low-key luxury, enhance the product packaging grade, suitable for branded goods
- Anti-counterfeiting backing: optional invisible anti-counterfeiting code or special treatment to prevent counterfeiting.
- Scratch-resistant: surface coating protection, labels are not easy to wear and tear, and the information is clear for a long time.
- Waterproof and anti-fouling: the laminated model can resist water and oil stains (e.g. cosmetic labels)
- Compatible with laser printing, inkjet printing, thermal transfer printing (with resin-based carbon tape)

Applicable scenarios

- Anti-counterfeiting labels : Combined with invisible QR code, to prevent counterfeiting
- Nameplate of electrical appliances: high temperature resistance, friction resistance, no blurring in long-term use
- Cell phone accessory labels: such as chargers, headphones packaging labels
- Wine bottle labels: matte silver surface with hot stamping process, highlighting the quality
- Gift box labels: to enhance the sense of unboxing ceremony
- Equipment labels: oil and chemical resistant, suitable for factory environments.
- Automotive parts labeling: high temperature environment still maintain adhesion

How to choose

By design needs:

- High-end texture → silver paper+ hot stamping /UV technology
- Anti-counterfeiting requirements → Silver paper + Invisible anti-counterfeiting code

By usage environment:

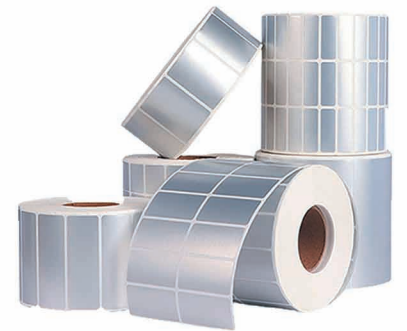
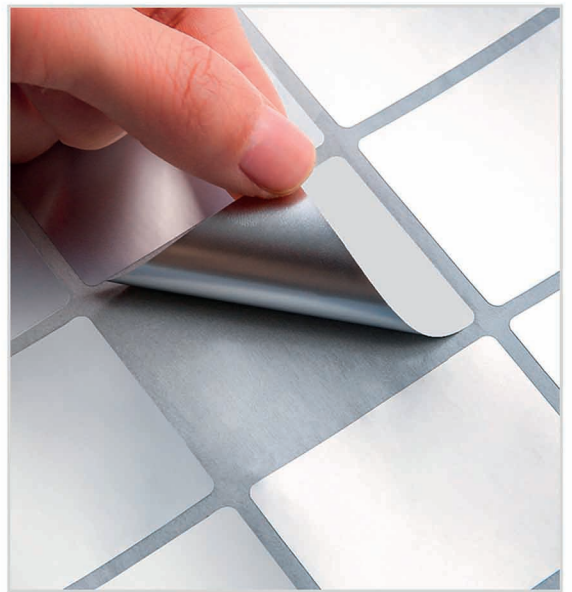
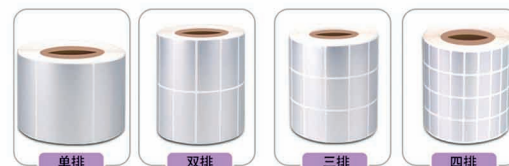
- Moisture/oil stains → Coated matt silver paper
- High-temperature environment → Synthetic silver paper

By printing method:

- Thermal transfer printing → with resin-based ribbons
- Laser printing → Choose high temperature resistant model

Asian Silver Label Paper Printing

- Wide selection of synthetic coated papers for printing
- Flexible printing of various patterns
- Customized printing on request
- Up to eight colors can be printed



Carbon belt

► Features

Ribbon is a consumable for thermal transfer printing.
Compatible with a wide range of label materials: coated paper, synthetic paper, PET, PVC, fabric, etc.
By transferring the ink to the material label material through high temperature, it realizes high-definition and high-durability printing of text, barcode and pattern, which is suitable for many fields such as industry, logistics medical and so on.

► Printing material

Wax-based ribbon: suitable for ordinary coated paper, standard coated paper, smooth paper, tickets, garment hangtags and other paper..

Mixed Base Ribbon: Suitable for ordinary coated paper, standard coated paper, smooth paper, tickets, garment tags, PP film surface, synthetic paper and other paper and plastic.

Resin-based ribbons: synthetic paper, matt silver PET, bright white PET, PVC, jewelry tags and other synthetic materials

► Why choose us

Stable quality: Imported ink and base film, fine and even printing effect.

Strong adaptability: support a variety of printers.

Fast supply: regular models in stock, urgent orders shipped within 24 hours.

► Specification

50mm*300m, 60mm*300m, 70mm*300m, 90mm*300m, 100mm*300m, 110mm*300m, 110mm*90m etc. can be customized according to customer needs.



Computer printing paper

► Specification

241*279mm (9.5"*11") 381*279mm (15"*11") etc

► Number of couplets:

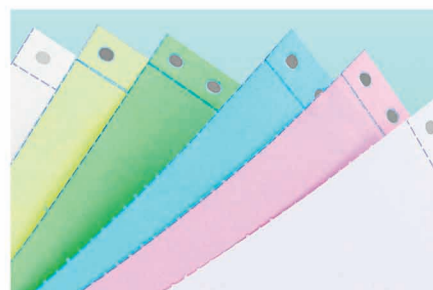
One couplet, two couplets, three couplets, four couplets, five couplets, six couplets, seven couplets, tearable and non-tearable edges

► Colors:

White, white-red, white-red-yellow, white-red-blue-yellow, white-red-blue-green-yellow, white-red-blue-green-yellow, white-red-blue-green-yellow.

► Application range:

Printing documents, forms, contracts, reports, receipts, etc. As an official written document or filing material. Can also be customized to print receipts, delivery notes (custom sizes available)



► Carbonless double-adhesive cash register paper (ribbon required)

- Features: Plain paper + ribbon printing, long lasting handwriting.

- Applicable models: pin printers, departmental commercial ticket printers.

-Advantages: resistant to preservation (handwriting can be stored for more than 2 years), adapt to complex environments.

-Specifications: 76*70mm, 76*76mm, 76*60mm, etc. can be customized according to customer requirements

-Number of couples: one couples, two couples, three couples

- Colors: white, white-red, white-red-yellow

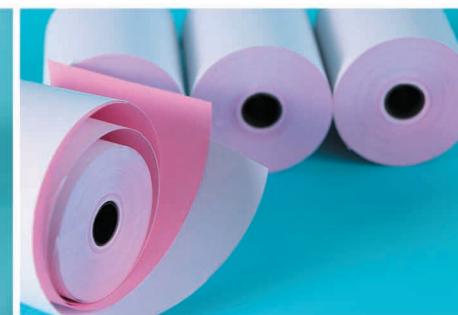
- Application scope: supermarkets, banks, restaurants, hotels, pharmacies



► Support printing

Support customized printing logos

Up to eight colors can be printed, can be customized according to customer requirements



Carbonless roll paper/offset paper

► Specification

A3, A4, A5, Legal (216*356mm) can be customized size according to customer requirements

► Gram weight

70g/㎡、80g/㎡ Grammage can be customized according to customers' requirements.

► Packaging

Commonly 500 sheets/pack, 5 packs/box or 10 packs/box, can be customized according to customer requirements packaging specifications



Thermal cash register paper base paper

Thermal cash register paper raw paper specifications

One: Basic specifications

- I . Original paper width:-Standard width: 520mm/620mm/720mm/840mm - Special width: support 380-1000mm customization
- II . Raw paper length: - Standard length: 3000-6000 meters/roll - Special length: customizable 1000-8000 meters
- III. Core specifications: - Standard inner diameter: 76mm (3 inches) / 152mm (6 inches) - Special inner diameter: 50-200mm customizable
- IV. Quantitative range: -conventional quantitative: 52-55g/㎡ (thin), 60-65g/㎡ (Standard) - Special quantity: 45-80g/㎡ customizable

Two:Thermal Coating Technical Parameters

- I . Coating type: - Ordinary color rendering type: color rendering value ≥ 1.0 - Long-term preservation type: color rendering value ≥ 1.2 , shelf life of more than 2 years
- II . Coating Grammage: - Standard coating: 4-6g/㎡ (single-sided) - Special coating: 3-8g/㎡ adjustable
- III. Color development performance: - Color development temperature: 80-120° C - Color development speed: ≤ 5 ms (at 300dpi resolution)

Three. Physical performance indicators

- I . Tensile strength: - longitudinal ≥ 3.5 kN/m - transverse ≥ 2.0 kN/m
- II . Smoothness: - Positive ≥ 200 s (Baker method) - Reverse ≥ 150 s
- III. Moisture content: 4.5%-6.5%

Packaging and transportation specifications

- I . Standard packaging: - Coil outer diameter: ≤ 1200 mm - Single roll weight: ≤ 500 kg - Moistureproof packaging: PE film + kraft paper + wooden tray
- II . Storage conditions: - Temperature: 10-30°C - Humidity: 40%-60%RH - Shelf life: 12 months (unopened)

Adaptation processing requirements

- Slitting processing: - Suggested slitting speed: ≤ 800 m/min - Slitting burr control: ≤ 0.3 mm

Printing suitability:

- Supports pre-printing processes such as flexographic printing and gravure printing
- Ink adhesion: $\geq 95\%$ (tested with 3M tape)



Factory



Huizhou Factory



Heyuan Factory

Factory thermal cashier paper production equipment



Factory label paper production equipment

