A large roll of white thermal paper is being processed by a machine in a factory setting. The roll is the central focus, with a metal arm and rollers visible. The background is a blurred industrial environment with blue and orange tones. The bottom of the image is a solid blue banner containing white text.

**Premium Quality
Thermal Paper Rolls
And Lables**





ROLLAX[®]

THERMAL PAPER

— QUALITY COMES FIRST —

Rolling Inside

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About us

We manufacture paper with care so trees don't become rare!

1. Rollax Papers proud to be both the largest and the longest serving supplier & manufacturer of Paper Roll products in the Sri Lankan market & overseas Market.
2. To all of us at Rollax Paper, what is perhaps even more important, is that Rollax Paper remains a Sri Lankan owned factory and that means we make our products locally.
3. Rollax Paper offers a range of BPA-Free and Phenol-Free Thermal papers products.
4. This range of products are the safer option for your customers and staff as is the Duty of Care to provide a safe work environment.
5. Rollax Thermal Papers (Pvt) Ltd is the Global E-Commerce Platform (in the mid of processing BOI approval) which can approach new overseas markets through brand awareness and conduct business 24/7 to monitor real-time sales to understand the customer requirements.





6. Rollax Thermal Papers (Pvt) Ltd manufactures and supplies high-quality thermal paper. We are an amalgamation of a dedicated workforce, strong values, paper mills, printing presses, and a distribution network.
7. We manufacture paper from scratch. Our eco-friendly manufacturing process is regularly updated to keep up with the latest technology. Our paper rolls are constantly quality checked to ensure that we never compromise on quality and comply with standards laid down by receipt equipment manufactures.
8. Rollax is the Sri Lanka's largest range of Thermal Rolls manufactured in Sri Lanka to suit a wide range of applications.
9. Choose from our environmental range of FSC, BPA-Free and Phenol-Free thermal rolls that provide a safer paper for businesses to use for their customers and staff.
10. Thermal paper has become an integral feature of everyday life, for example in the form of:
 - POS Rolls
 - Credit Card/ Chip & Pin Rolls
 - ATM & Kiosk Rolls
 - Gaming & Betting Rolls
 - ECG Paper Rolls
 - Laundry Rolls
 - Transport Rolls
 - Bluetooth Printer Rolls
11. In other words, wherever there is a need for a cheap and quick way of printing information you'll find thermal paper, Rollax Paper has been the market leader in this fast moving field for many years.
12. Thermal paper is in increasingly high demand for labels. However, it is also commonly found at supermarket checkouts where many customers still prefer to get a paper receipt rather than a digital alternative.



Our Strengths

- We stock a wide range of thermal paper in various grades standard, BPA- free and FSC certified coated thermal papers for end user applications such as Point of Sale(POS/ Banking/ Ticketing/ Medical/ Gaming/ Labelling.
- Fully automated manufacturing facilities and computerized quality control systems to ensure consistent quality
- Operational and line flexibility to respond to upsurge in demand or urgent orders.
- Pre Printing up to 9 colours in semy glossy ink.
- In depth technical knowledge and expertise to meet customers preferences/requests
- Well experienced and capable sales team to advise customers on sales strategies and cost saving proposals
- Leverage on our worldwide shipping network for lower shipping cost.
- Supports loose pallet as well as full container load shipments to any sea ports, inland ports or delivering direct up to warehouse
- Heat protective or secure export packaging or fumigated packaging are possible
- Reliable supply and on time delivery.



Properties of Rollax Thermal Paper

Copy Life

Rollax thermal paper is guaranteed to function for a period of at least two years from the date of manufacture, when stored under the following conditions:

- Room temperature between 18°C and 25°C
- Relative humidity of 40 to 60 percent
- Away from light

If the paper is not stored correctly, this can adversely affect the functionality of the thermal coating and lead to discoloration of the thermal coating or lack of contrast in the printed result.

Printability

Depending on the printing process used, it is possible to print both on the functional side and on the reverse side of Rollax thermal paper. Further information can be found under "Printing Recommendations for Rollax Thermal Paper."



Copy Life of Thermal Printing

The copy life of the thermal printing on standard thermal paper can only be guaranteed when the paper is stored under the prescribed conditions. Further details can be found under "Copy Life Declaration for Rollax Thermal Paper." Contact with plastic wrappers containing plasticizers, adhesives, hand creams, oils, plasticizers, and liquids should be avoided.



Certification by Printer Manufacturers

Rollax works together with various manufacturers of thermal printers and thermal print heads in order to ensure the paper and devices are optimally aligned. Comprehensive testing is performed regularly to guarantee a long lifetime for the thermal printers and constant printout quality. Approvals for different grades exist from companies such as Epson, Brother, Toshiba, Dymo, HP, and etc...





Packaging

The packaging used for Rollax thermal paper is recyclable. All rolls with a diameter of more than 40 cm can also be delivered without pallets.

Disposal

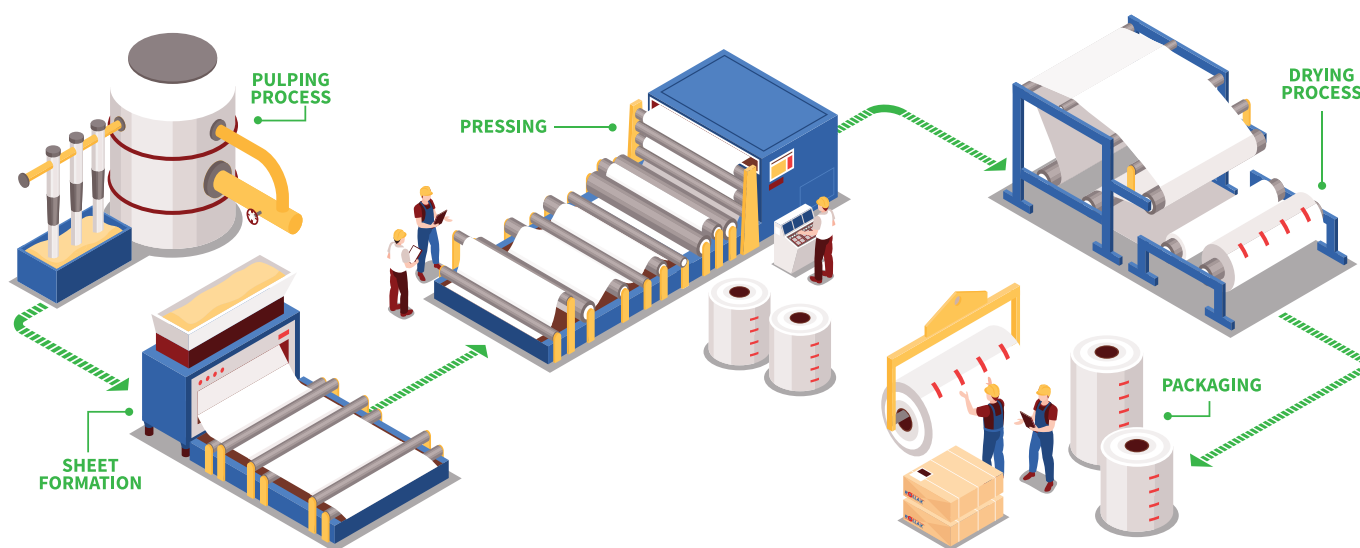
Rollax thermal paper can be disposed of as general waste or recycled as wastepaper. However, Rollax always recommends asking the local waste sorting providers as the legal requirements and options for recycling thermal paper vary significantly between regions and countries. Local regulations may say that standard thermal paper is not allowed to be disposed of with the waste paper.



Packaging & Disposal



Our Process



From trees to mills and presses to your printers.

- We manufacture paper from scratch.
- Our ecofriendly manufacturing process is regularly updated to keep up with the latest technology.
- Rollax paper rolls are constantly quality checked to ensure that we never compromise on quality and comply with the highest industrial standards laid down by receipt equipment manufacturers.
- The paper sends to processing plants for slitting, coating, plying, printing etc. Every single stage of our manufacturing process is highly engineered in order to maintain the highest industrial standards.
- This enables our customers to use ROLLAX Thermal Paper Rolls in confidence and provide their own customers with a seamless shopping experience.
- Our processes are streamlined and always evolving with the aim of minimizing environmental impact.
- For us, using all natural resources sparingly is inseparably linked to securing the future of both our planet and our business.



Sustainability

BPA Free Paper



We are proud to say that all Rollax Thermal Paper is 100% BPA free.

As business owners and operators, it is our responsibility to focus on how our venture influence health. The use of bisphenol A (BPA) in thermal paper had been subject to discussion for a long time. BPA had been the leading option for coating thermal printer paper rolls because of its attractive stability to heating. The professional community pointed to the fact that BPA receipt paper poses some health challenges.

BPA was required to be removed from the composition of the coating of Thermal Paper following a directive issued by the EU in 2016, stating that thermal paper had to become BPA free by January 2020. BPA-free paper rolls became the preferred alternative ever since.



FSC Paper



At Rollax we are fully committed to sustainability. Rest assured our paper products are completely FSC certified.

The Forest Stewardship Council (FSC) is an international non-profit organization that operates with the aim of promoting the responsible management of the world's forests.

Paper is an integral part of our lives. With so many products made from paper, it's absolutely important to ensure our forests are not irreparably damaged in the creation of paper-based products.

You may have come across products that are certified as "Ecofriendly". It is the FSC that provides this certification. FSC is the authority that sets standards on forest products.

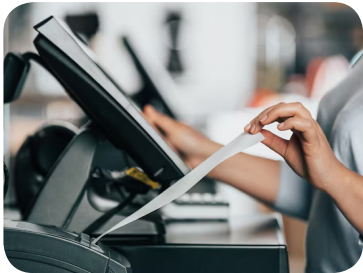


Phenol-Free Thermal Rolls

Are you taking all available precautions to safeguard the health of your employees?

There are increasing concerns over the impact the chemicals used in thermal rolls could have on human health and ecotoxicity. Chemicals such as Bisphenol A (BPA) and Bisphenol S (BPS) have been associated with various diseases and health complications in humans, and in animal studies. Using Phenol-Free Thermal Rolls is the best available step towards protecting the health of your employees, customers and the environment.

The three main benefits of moving your business to Phenol-Free Thermal Rolls are:



A safer product for employees and customers to touch due to chemicals not absorbed through the skin.



Less likely to impact human health, including endocrine disruption, than BPA and BPS containing thermal roll products.



Helps to stop endocrine disrupting chemicals entering and harming the environment.





PoS Paper Rolls

Thermal paper rolls have become the number 1 choice in the technology of PoS systems, ATM terminals, cash registers, etc. Our thermal paper offers precise and clear printing at a very high printing speed.

It also doesn't require any reboun or toner to use, which can significantly reduce the cost of printing. Rollax is one of the most important manufacturers of thermal paper rolls in Sri Lanka, being one of the leaders in the industry thermal paper.



PoS



Cash Registers



ATM



Mobile Printers



Transport



Without Bisphenol (A)

In the thermal paper manufacturing process, Bisphenol A is not used. All papers are 100% BPA free safe for frequent handling. They also have the FSC label for responsible forestry and are manufactured and certified according to standard in European quality standards.



Premium Quality

In the correct storage conditions, the duration the print on our thermal paper stands is up to 3 years. Our rollers have a smooth surface, glossy and does not leave paper dust in the printer. And the print is made uniform and clear. The edges of the rolls are cut without a link, with good knives quality.



End Marker

About half a meter before the end of the roll, a red line on paper indicates that a new roll should be introduced soon.

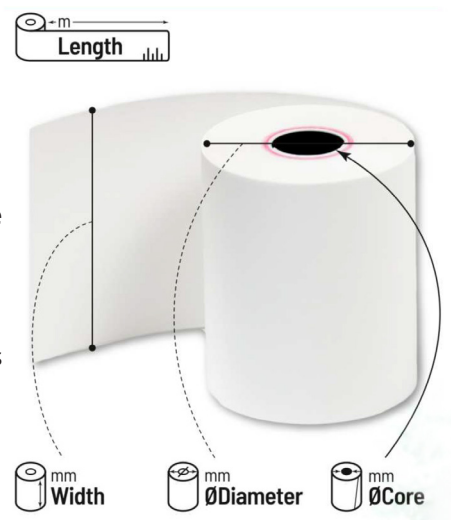


Personalized Products

We customize the rolls with your company's image. Create a unique product in a simple way to grow customers satisfaction.

Variety of Models and Dimensions

We produce rollers in various other sizes and models. Benefit from products made according to your requirements.



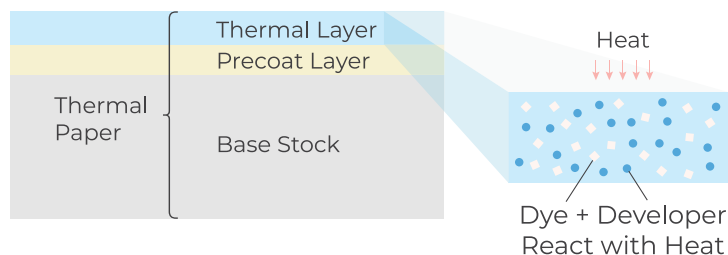
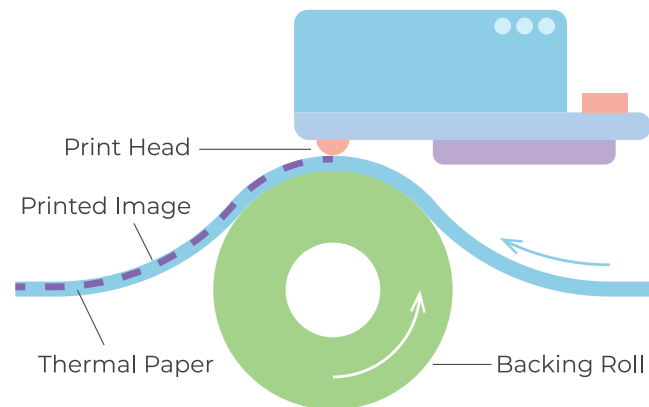
Technology Behind Thermal Paper



Rollax thermal paper consists of base paper and some special coatings. A pre-coating layer and a thermal layer are applied to the surface side. A cover layer can be applied to the thermal layer in order to impart high durability to the thermal printed image. The backsheet can also be coated to improve printability and backside protection from adhesives.

Thermal Printing

Thermal paper is a recording medium that is printed by the heat from a thermal printer. The image is produced without ink by heat as the selected area of thermal paper passes through the thermal printhead.



Thermal Paper Structure

The thermal paper consists of base paper and a few special coating layers. On the surface side (the recording side), the precoat layer and the thermal layer are coated.



Base Paper

The first layer of thermal paper is a base paper specially developed for thermal paper technology. The base paper is coated with a thermal layer.

Precoat layer

Precoat layer improves insulation, smoothness, uniformity, and thermospheric fixation.

Thermal layer

The purpose of this layer is to create a thermal responsive image. In reality, this layer of chemicals such as dyes, developers and sensitizers causes the paper to blacken in the heated areas.

Topcoated Thermal Paper Structure

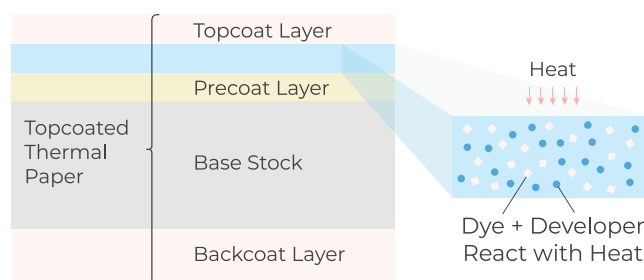
If high durability of the heat-printed image is required, a topcoat is applied to the thermal layer. In addition, the backside can be coated to improve both printability and backside protection from adhesives.

Topcoat layer

The topcoat layer protects the thermal layer from water, oil, solvent, humidity, scratches, etc.

Backcoat layer

The backcoat layer is applied for de-curling, antistatic electricity treatment, and back-barrier against adhesive.



Thermal Paper Features

The main function of thermal paper is “thermal printing”. Therefore, in addition to normal paper characteristics such as basis weight, thickness, and strength, the quality of thermal printing and image stability are also important. In addition, thermal paper also requires pre-printability using traditional printing methods such as flexography and offset.



Specification

RX58FA

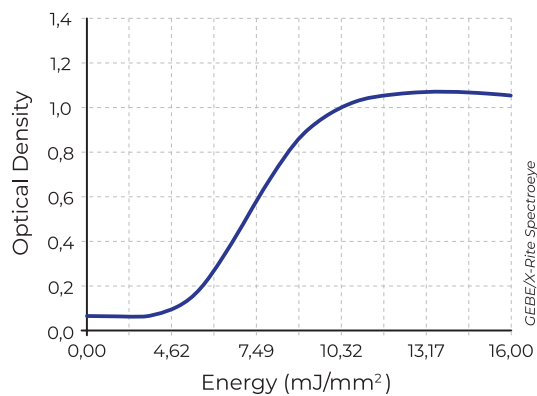
- Description:
- standard sensitivity
 - 3 years durability at correct storage for thermal paper
 - improved stability against environmental influences
 - bisphenol A (BPA) free



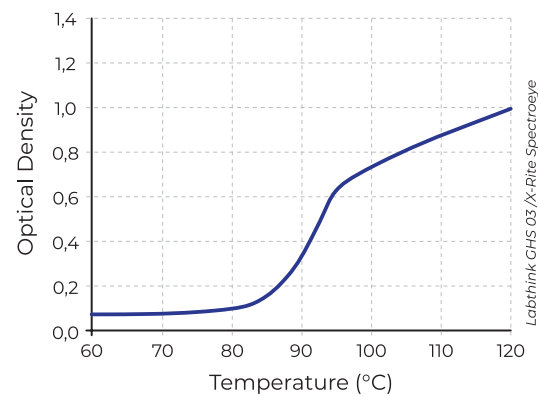
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	58 g/m ² ± 4 g/m ² 15.4 ± 1.1#	ISO 536
Caliper	64 ± 5 µm 2.52 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 45 N / 15 mm	ISO 1924-2
CD	≥ 20 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 80 %	24h / 40°C 80% RH
Light resistance	≥ 75 %	24h / 16.000 lux

* based on maximum optical density

Dynamic Sensitivity



Static Sensitivity



subject to change without notice
Revision: 5 / last update 11.21



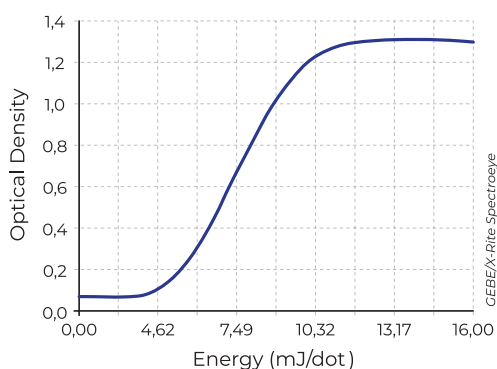
RX65FA

- Description:
- medium sensitivity
 - 3 years durability at correct storage for thermal paper
 - Improved stability against environmental influences
 - bisphenol A (BPA) free



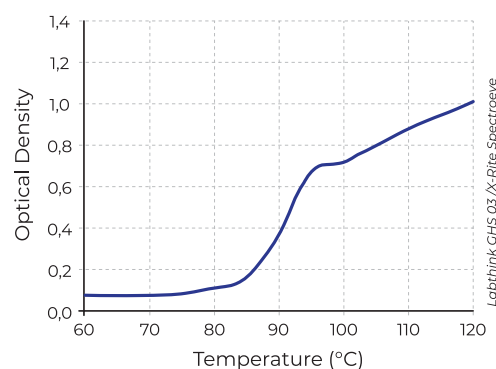
Physical Properties	Value	Test Method
Substance	63 g/m ² ± 4 g/m ²	ISO 536
Caliper	66 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 86 %	ISO 2470
Opacity	≥ 87 %	ISO 2471
Tensile strength MD	≥ 50 N / 15 mm	ISO 1924-2
CD	≥ 27 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 85 %	24h / 50°C
Moisture resistance	≥ 90 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

Dynamic Sensitivity



Static Sensitivity

* based on maximum optical density



subject to change without notice
Revision: 4 / last update 02.22



Thermal Paper Product Range



Thermal Paper



ATM and Kiosk Rolls



ATM rolls are typically made from thermal paper. Thermal paper is the most common choice because it reacts to heat to create printed images, eliminating the need for ink ribbons. Bond paper is an alternative that requires ink for printing.

Available Sizes

80 x 120 mm	80 x 150 mm	80 x 190 mm
80 x 140 mm	80 x 160 mm	80 x 200 mm
80 x 145 mm	80 x 170 mm	



Pos Rolls



POS rolls used in point-of-sale (POS) systems, such as cash registers or credit card terminals. These rolls of paper are used to print receipts for customers during transactions.

Available Sizes

78 x 70 mm	76 x 76 mm	78 x 78 mm
78 x 75 mm	78 x 76 mm	80 x 80 mm



Credit Card/ Chip & Pin Rolls



Credit card thermal paper rolls are specialized rolls of thermal paper used for printing credit card receipts and transaction records. These rolls are commonly used in point-of-sale (POS) terminals and credit card processing machines at various businesses, including retail stores, restaurants, hotels, and other establishments that accept credit card payments.

Available Sizes

56 x 30 mm	56 x 35 mm	57 x 30 mm
56 x 45 mm	57 x 45 mm	57 x 35 mm



Thermal Paper



Gaming Betting Rolls



Gaming thermal paper rolls play a crucial role in the gaming industry by providing a convenient and efficient means of printing tickets, receipts, and transaction records.

Available Sizes

80 x 110 mm



ECG Paper Rolls



ECG (Electrocardiogram) thermal paper rolls are a type of specialty paper used in electrocardiography, a medical procedure that records the electrical activity of the heart. These rolls are specifically designed for use in thermal printers integrated into ECG machines.

Available Sizes

56 x 45 mm

78 x 35 mm

56 x 35 mm

78 x 45 mm



Laundry Rolls



Laundry thermal paper rolls are specialized rolls of thermal paper used in commercial laundry equipment, such as self-service laundry machines or industrial laundry systems. These rolls are designed for printing receipts and tickets associated with laundry services.

Available Sizes

76 x 70 mm

76 x 76 mm



Transport Rolls



Transport thermal paper rolls are typically used in various transportation-related applications for printing receipts, tickets, and other essential documents. These rolls are made from thermal paper, which is coated with a heat-sensitive material that changes color when exposed to heat.

Available Sizes

56 x 30 mm	56 x 38 mm
56 x 35 mm	56 x 40 mm



Bluetooth Printer Rolls



Bluetooth printers, like other types of receipt or label printers, often use paper rolls for printing documents, receipts, or labels. The specific type and size of paper roll you need will depend on the make and model of your Bluetooth printer

Available Sizes

56 x 35 mm	56 x 45 mm
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Pre Printed Rolls



Printed rolls have been printed with various types of information, graphics, or symbols for specific purposes. These rolls are widely used across different industries and applications for a variety of functions. Using preprinted thermal paper rolls for advertising can be an effective way to promote the business.

Available Sizes

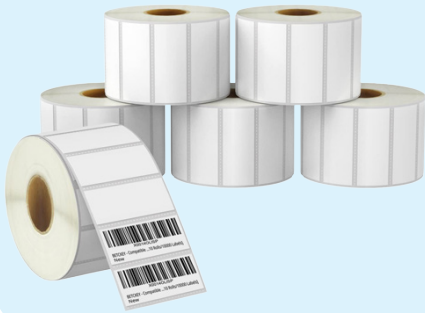
56 x 35 mm	78 x 75 mm	80 x 150 mm
56 x 45 mm	80 x 120 mm	80 x 200 mm



Labels & Ticketing Product Range



Labels & Ticketing



Barcode Labels

Gaming thermal paper rolls play a crucial role in the gaming industry by providing a convenient and efficient means of printing tickets, receipts, and transaction records.

Available Sizes

80 x 110 mm



Conventionally & Digitally Printed Labels

Conventional printed labels are produced using traditional printing methods, such as flexography, offset printing, letterpress, or screen printing. These methods have been in use for many years and involve the transfer of ink from printing plates or screens onto label materials.

Available Sizes

56 x 35 mm

56 x 38 mm

56 x 45 mm



Linerless Labels

Linerless labels are a type of self-adhesive label that doesn't have a release liner or backing paper, which is typically found on traditional self-adhesive labels.

Available Sizes

56 x 40 mm

56 x 45 mm



Labels & Ticketing



Mobile Printer Labels

Mobile printer labels refer to labels that are specifically designed to be used with mobile label printers.

Available Sizes

50 x 25 mm
56 x 25 mm

56 x 30 mm
56 x 35 mm



Plain Labels

Plane labels could refer to labels or tags used in the aviation industry, particularly on aircraft or airplane components. These labels serve various purposes in the aviation sector, including identification, safety compliance, maintenance tracking, and more.

Available Sizes

50 x 25 mm

56 x 40 mm



Printed Labels

Printed labels refer to adhesive labels that have been printed with various types of information, graphics, or symbols for specific purposes. These labels are widely used across different industries and applications for a variety of functions.

Available Sizes

50 x 25 mm

56 x 35 mm

56 x 40 mm



Thermal and Plain Tickets

Thermal tickets are a type of ticket that is printed using thermal printing technology. This technology relies on the application of heat to create text, images, and graphics on the ticket's surface.

Available Sizes

50 x 25 mm

50 x 35 mm

30 x 15 mm



Thermal Transfer Labels

Thermal transfer labels are adhesive labels that are printed using thermal transfer printing technology. This printing method involves the transfer of ink from a thermal transfer ribbon onto the label's surface to create text, images, barcodes, and other graphics.

Available Sizes

50 x 25 mm

50 x 35 mm

30 x 15 mm



Transparent Clear Thermal Labels

The appearance of the transparent clear thermal sticker round, but the product package is rectangular. the rectangular outer frame need to be removed during use.

Available Sizes

50 x 25 mm

50 x 35 mm

30 x 15 mm



Why is it important to customise your receipt?



1. Receipt saving concept :

By customising the pre-printing of their receipt, Rollax has enabled many companies to have more saving and reduce paper usage significantly.



2. Prevent pilferage :

With 1 color printing on our customer's paper roll, this can prevent the paper rolls from being easily stolen as some customers do not keep track of their paper roll inventory and yet, it is a very costly item.



3. Improve company image :

Personalize your receipts with company logo, brand name, business hours, total number of outlets and addresses or even add promotions to improve your company image while generating more business.



4. Need for authentication :

Cheque deposit receipts, kios printouts, F1 tickets, transportation tickets, entertainment tickets and apparel, food & beverage receipts are customised and pre-printed for authentication and tax purposes. More and more corporates and retailers opt for pre-printing to improve their branding or reduce fraud cases. This is especially useful when it comes to the exchanging of goods and refunds.



5. Communicating with the customer :

Advertise your new products or up coming events, announcing new and upcoming promotions or new outlets opening.





From concept to design, manufacture to distribution, Rollax Paper can offer the solution to all of your printed roll requirements. We print in full colour, single or double sided, bond or thermal papers on any roll size you nominate.

Whether it is a program to have your customers return to your store, or cross promoting other businesses, we can assist you in getting the best return from using your receipt docket as part of your media mix.

Boost Your Marketing

- Results are easily measured with QR Code technology.
- Bring customers back with redemption offers.
- Cost per advertisement is extremely cheap.
- Receipt advertising provides ad repetition, customer feedback and special offers that you can change with QR Code technology.

Printed receipt min runs:

- Less than 50mm diameter - 1000 rolls
- 50-100mm diameter - 600 rolls
- 100-150mm diameter - 200 rolls
- Greater than 150mm diameter - 100 rolls

Printing up to 9 colors



PRINTING UP TO 9 COLORS

We are capable of pre-printing up to 9 colors across a wide range of thermal, woodfree, artpaper and carbonless paper rolls to suit your specific needs. Our thermal paper ranges from standard, long life, BPA free, FSC certified, synthetic, top coated, high sensitivity, high image density and blue image grades available with either a choice of coreless, paper or plastic core. Customised sizes and packing are also available upon request.



Thermal Labels



We can make custom size of label rolls

Because label rolls are highly customized products, there are many different materials, colors, shapes, adhesives and sizes available. We advise that customers can collect samples from us before placing any order. We need to know the roll details of label: size, shape, material, wrapping and perforations, etc..

If the label rolls are custom printed with the design illustration, we can also handle the printing labels well personalized it would be helpful if customers could send us the label roll samples so that we can check the sample details. Labels play an important role in providing information, barcoding, instructions for use and identifying a product, manufacturer, destination or origin, Rollax offers a range of direct thermal transfer label solutions with specific characteristics for end user applications. The end user's industry includes manufacturing, healthcare, retail, logistics, transportation, food & beverage and other. Our labels can be supplied in roll, fan fold or sheet form. Depending on your application, label size, die cut, perforation and pre-printing can be customised.

Direct Transfer Label

1. Non-Top Coat Thermal Paper Grade with water resistant

Recommended for application where wet rub and water resistant to the thermal image as well as pre-printed ink is required. However, resistance to environment exposure and chemicals is not required.

2. Top Coat Paper Grade with multi resistant

Best applied when surface abrasion is concern. Excellent resistance to heat, oil, alcohol, water, light, plasticiser and abrasion.

3. Top Coat Synthetic Paper Grade with multi resistant (Special designed for tear resistant and full water proof)

Recommended for use on speciality requirements where surface abrasion, water proof or tear resistance is required. It provides excellent resistance to heat, oil, alcohol, water, light, plasticiser and abrasion.

Features

- 1D or 2D barcode readable - sharp & clear
- Very smooth and super white paper with high sensitivity thermal coating, thus, able to protect print head with high speed printing.
- The glassine release liner makes auto-labelling process workable
- Pre-printing up to 8 colors.



Self-Adhesive Labels

They are labels sensitive to excessive heat and they are not water resistant. The rolls of labels have a small inner diameter and are suitable for use in desktop printers of small size.

In our offer you can find:

- Continuous thermal sticker rolls for printers equipped with automatic cutter.
- Rolls of rectangular self-adhesive labels with rounded or straight corners.
- Rolls of round self-adhesive labels different diameters and different colors.



Thermal Transfer Label

1. Art Paper Grade

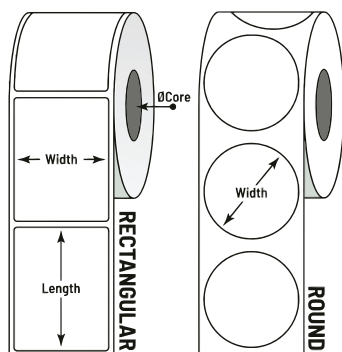
Art paper is a most often used label material in the market. It has a glossy appearance with smooth surface.

2. Simili Paper Grade

Simili paper is an ordinary paper and least expensive label material. Recommended for matt, soft and subdued look.

In addition to the material mention above, we also supply alternative thermal transfer base materials such as polysester, cenic yipo and mirrokote upon request. Pease contact us for detail (Subject to handling and storage conditions stated on specification sheet)

Thermal Label Rolls Key Features



- Our round labels can provide a black image printed with time quick drying ink and smudge resistance. Tags can be used for direct thermal printers that do not need ribbon.
- Waterproof labels, can be used in a wide range of temperatures.
- Round labels can be used in many industries: price tag for jewelry, warehouse management, material indication, etc.
- We can make the circle size according to the customer's requirements. The size of the circle can be 5mm, 10mm, 15mm, 20mm, 30mm, 40mm, 50mm, 60mm etc.
- Label colors can be red, yellow, green, blue, white, magenta etc.
- In addition to round thermal labels, we also have round roll labels with inkjet used for thermal transfer office printers, inkjet and laser.

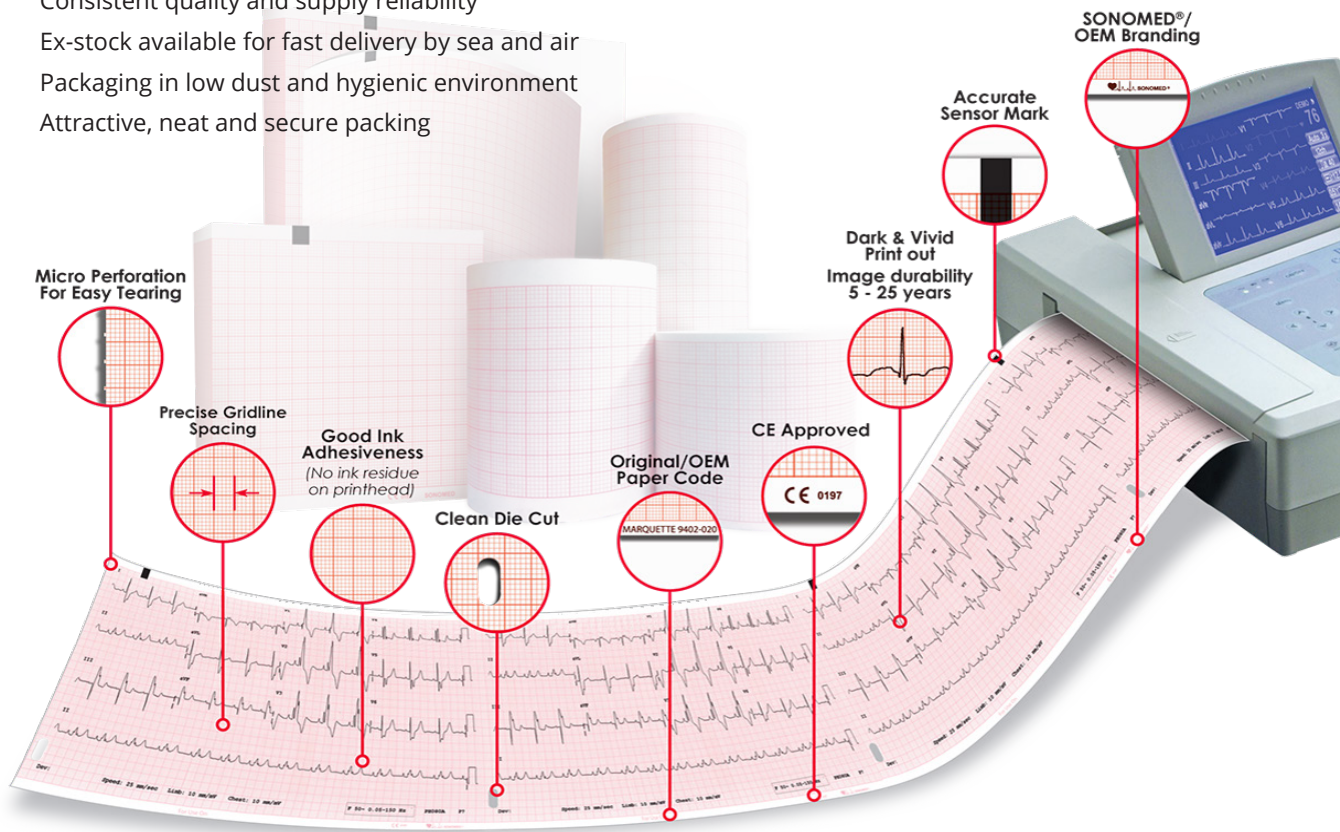


Medical Chart Paper

With more than 28 years of manufacturing experience in thermal paper products. Rollax is the largest medical chart paper and video printer paper manufacturer in the ASEAN region.

Features

- Trusted brand name with global presence
- More than 180 paper types, compatible for use on most major machine brands
- Premium grade thermal paper
- Long life grade - image durability of up to 25 years
- Consistent quality and supply reliability
- Ex-stock available for fast delivery by sea and air
- Packaging in low dust and hygienic environment
- Attractive, neat and secure packing
- Straight Z-Folding
- Attractive, neat & secure packing
- Informative artcard
- Beware of imitation or fake Rollax products





Coreless Roll

Don't pay money for an unnecessary core!

If there is no plastic or paper core, these are known as coreless paper rolls and typically will have a centre hole of 10mm diameter.

By eliminating the plastic or paper core, we are able to put more paper on a roll, this means fewer changeouts and higher productivity for cashiers who are using mobile payment terminals



Advantages of coreless paper roll



Convenient & Time Saving

User can replace new roll in to the printer without removing and throwing the core, saving time and enhancing cashier productivity especially during peak hours.



Environmental friendly

No disposal of unwanted paper or plastic core in to our earth



Save transportation cost

The size per carton box is much smaller and lighter, hence a saving in transportation cost. For overseas shipment, the container shipping and delivery cost will be significantly cheaper



Save storage space

Smaller diameter, smaller carton box, smaller storage space. Most cashier areas have limited storage space, by having smaller box will greatly reduce storage space needed.



Long paper length

By replacing the core with paper, the paper length is much longer (10-35% longer depends on paper roll size), hence less frequent to change paper roll, saving time and enhancing cashier productivity especially during peak hours.



ATM Thermal Receipt Paper



The receipt you got from ATM (Automatic Telling Machine) is made by thermal paper. It's fine paper with chemical surface which will turn black when exposed to heat. There are lots of ATM brands like Diebold, Wincor Nixdorf, NCR, Olivetti, OKI. They all use thermal paper as their printing media.

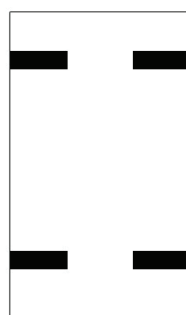
Thermal paper rolls needs to be printed with different black sense marks on back or front side of paper to suit for the variable ATM brands. The machine will cut the paper when it detects the position of black sense mark. So customer will get a piece of bank receipt. The following is some examples for black sense marks.

The popular ATM paper roll sizes are 80x100mm, 80x150mm, 80x180mm, 80x200m. Few ATM machine requires small size like 57x40mm, 57x50mm.

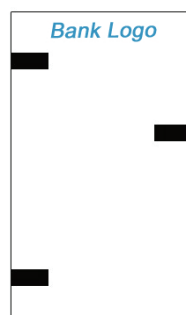
When you place order for ATM paper roll, you'd better provide a sample. Otherwise, please figure out all details about the paper(paper size, sense mark size and position, rolling direction, etc.



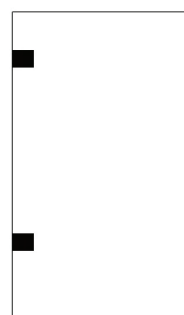
Plain Roll



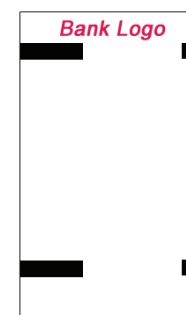
Black Sense Mark #1



Black Sense Mark #2



Black Sense Mark #3



Black Sense Mark #4



C1S Papers

We provide a complete range of C1S papers for various end applications such as pharmacy labels, product labels and beverage labels.

We have advanced coated one side specialty label face materials for a wide range of end applications. C1S papers have one or two coating layers, applied only on one side of the base paper, to achieve the optimal performance for the intended application. Important characteristics include properties such as gloss, brightness, whiteness, opacity and printability.

Key benefits



Shelf appeal with top of class products

Whether you need brilliant gloss in combination with high whiteness, high-speed thermal transfer or reliable performance in pharmaceutical labelling, we have the solution.



Wet strength as an option

Interested in solutions for returnable bottles? We supply wet strength label material with appealing high gloss or true matt surface finishes.



Processing performance

Our C1S grades run smoothly on label laminating and converting lines. Excellent printability is ensured by product design, be it for process printing with UV or water-based inks, or for high-speed thermal transfer.



Colour Thermal Paper Rolls



Distinguish Yourself

In today's ultra competitive business environment, paper roll has gone beyond its original purpose as a receipt. It also serves as an effective advertising and promotion medium for businesses. Receipts have become a medium to communicate information about products/ services and boost brand name recognition to the public/consumers.

Understanding the importance for businesses to stand out from competition, Rollax's Tinted / Coloured Paper Roll gives you the competitive edge and distinguishes you from your competitors.

Characteristics

- Colourful and attractive
- More than 100 colours to choose from
- Q Available in glossy look

Standard Colors

Yellow [Pantone 100]

Orange [Pantone 137]

Blue [Pantone 277]

Pink [Pantone 2365]

Green [Pantone 331]



Benefits to Dealers



Offer more choices for end users to choose

Dealers can now include Tinted/Coloured paper roll as part of their product range, thus providing more options for end-users to choose from.

Opportunity to increase revenue and profit

Ideal recommendation for end-users, who do not mind paying extra for something attractive and effective in differentiating themselves from others, thus allowing dealers to sell at higher profit margins.

Avoid losing potential end users

Better option for end-users who want exclusive and unique identity for their paper rolls and minimise the possibility of losing sales to competitors.

Unique Selling Proposition

Unique features allow dealers to compete more effectively through product differentiation and make end-users purchase from them rather than from competitors. Allows dealers to focus selling based on quality rather than on price alone.

Opportunity for repeat sales

Once the end-users are convinced to use Tinted/Coloured paper roll, the chances of them changing to another supplier is low due to effort and time spent in developing, checking and approving of colour.

Contract sale

Due to minimum order quantity (MOQ), most end users are tied to a contract for a period of time.

Minimum order quantity is 1000 rolls

Benefits to End-Users

- Able to differentiate outlets, months, departments, territories, promotional / non-promotion period
- Creates a unique identity
- Increases awareness on promotions more effectively
- Projects a premium image and boosts brand name recognition
- Prevents internal pilferage-stock loss
- A form of control and monitoring system to ensure retailers and franchisees use approved receipt rolls



Thermal Transfer Ribbon

Thermal Transfer Barcode Ribbon

Barcode ribbon is not only used to print barcodes, but also numbering, logos, text, symbols, etc. Barcode technologies today have helped businesses to minimise data printing errors, speed up the labelling process and reduce cost.

There are 2 types of barcode printer technologies categorised by the type of printhead:

1. Flathead — for normal speed printing
2. Near edge — for high speed printing

Compatible barcode printer brands in the market:



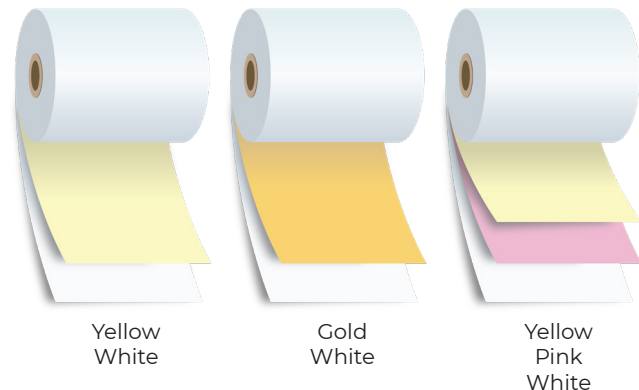
Non Carbon Required (NCR) Paper Roll

Advantages

- Clear, clean & sharp image printout
- Black image also available upon request
- Exclusive gold coloured ply (only available from Rollax)
- 1st ply 80gsm also available upon request for better feel to end user.
- No capsule break
- Clean and sharp image on 2nd and 3rd ply
- Q Each roll is tension-tight

2 Ply NCR Roll

3 Ply NCR Roll

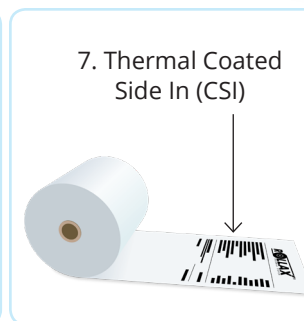
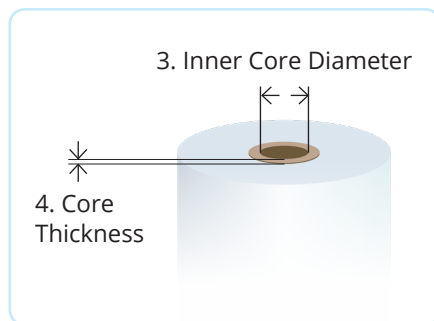




How to place an order for paper roll?

For thermal & NCR paper roll enquiries, please provide the following details:

1. Width (mm)
2. Outer diameter (mm) / Roll length (m)
3. Inner core diameter (mm)
4. Core thickness (mm)
5. Core type (Paper, Plastic or Coreless)
6. Paper weight (gsm) (48gsm to 180gsm)
7. For thermal paper - coated side in (CSI) or coated side out (CSO)



Free End Roll
Paper rolls are wound free end without glue or tape to prevent of the paper jam at the end of the roll.

Paper Roll Packing
All paper rolls are packed in transparent shrink wrap (10 rolls per pack) for easy viewing of the roll & core diameter and also to protect the rolls from moisture, water & dust.

Carton Box
Each box is printed with lot / batch number, date of production, weight and paper grade.

Barcode Label
Each box is printed with barcode label for better inventory control

Side of Roll Marking (Optional)
Inkjet Printing on Diameter Side







Bespoke Printed Thermal Paper Rolls

Bespoke printed till rolls and credit card rolls are a fantastic and cost-effective way to promote your brand, product offers and to encourage customer loyalty through coupons and loyalty schemes.

When you consider the number of till receipts and credit card receipts your business produces every trading day, every one of which is placed directly in your customers hand at the point of sale there is a huge marketing opportunity being missed every time by continuing to use plain paper rolls.

The other good thing is that you do not have to be a large or corporate company to be able to benefit from having your own logo, or direct marketing message printed on the reverse of your till receipt or credit card roll. Modern roll printing technology means that bespoke or customised till rolls can be produced in much smaller quantities than in the past, putting till receipt and credit card receipt marketing within reach of even the smallest businesses.

Directly targeting and engaging your customers with your promotions, product offers, coupons, loyalty / reward schemes is a proven way to encourage and reward customer loyalty and most importantly repeat business.

The voucher / discount voucher market continues to be popular with a wide range of customers, reflecting the modern appetite to seek out and take advantage of all available bargains and discounts on offer and a printed till roll receipt or credit card receipt is undoubtedly an excellent marketing tool and creates an opportunity to reward loyalty and repeat business.

Thermal Rolls and Plain Paper Rolls can be printed front or reverse from one to up to six colours and each roll can be printed with a single repeat image throughout the roll such as company logo, promotional message or even company terms and conditions.

Want to know more? Our friendly and experienced team are waiting here to help and support you throughout the design and order process. We can even assist you on which colours and artwork designs will work best for you and guide you on minimum order quantities and lead times etc all leading to the most cost-effective solution for your business needs and budget.



Correct Storing of Thermal Papers

All thermal papers produced by Rollax have a shelf life of two years from the date of production. All guarantees given by Rollax apply only if the paper is stored and used according to these instructions.

Avoid exposure to direct sunlight and hot and humid environments.

All papers will turn yellow with time, especially if exposed to direct sunlight for prolonged periods.

For long-term storage, all papers should be kept in the dark at an average ambient temperature of less than 25°C and relative humidity of less than 65%.

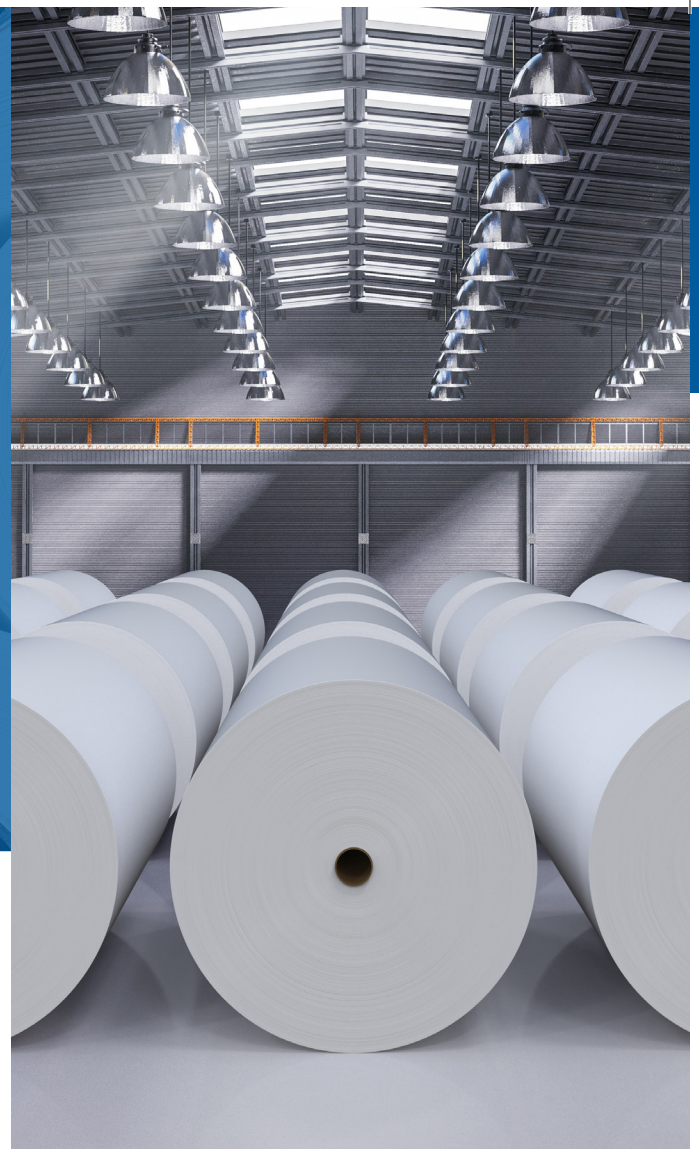
The printed image tends to fade in direct sunlight.

Do not use solvent-type adhesives

- containing volatile organic solvents, such as alcohols, esters, ketones etc. cause colour formation.
- Adhesives based on starch, PVA or CMC are harmless and are therefore recommended.

Avoid contact with plasticizers

- PVC film contains plasticizer, such as ester phthalate. Prolonged contact with such films reduces the image-forming property of thermal paper and causes fading of the printed image.
- Self-adhesive cellophane tapes might contain plasticizers which cause the printed image to fade. We do not recommend tacking a double-sided self-adhesive tape on the reverse side of Rollax thermal papers.






Our Clients





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