

TO MAKE YOUR LABEL BUSINESS EASY

AKO

PRODUCTS MANUAL



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COMPANY PROFILE



AKO , A company who is dedicated to provide the total solution for the pressure sensitive label industry from label and labelstock converting equipment (Silicon coating , Hotmelt and Acrylic coating equipment, printing and finishing equipment) , All kinds of labelstock and finished labels .

Founded in 2010,headquarter in Shanghai, AKO has 5 domestic plants in China,AKO is at your side to serve all the customers worldwide.

With our continuous efforts on R&D , AKO is focusing on providing highly cost-effective products which exceeds customer' s expectations. AKO is now working with our partners to deliver a new way of doing label business all over the world , you will find our new production bases and supported team just close to you " to make your label business easy ".

For more information please contact our sales representative or visit www.akotac.com .

AKO Advantage



Five Manufacturing Bases

Five plants in China.
AKO five manufacturing bases & slitting centers, covering worldwide, Nearby delivery, Sample delivery within 24 hours. AKO global production bases can help our customers achieve zero inventory , adopt professional logistics and distribution, fast delivery, more economical and flexible in transportation.



Complete Quality System

AKO has passed ISO9001 quality system, SGS(FSC) certification and ROHS quality system, perfect quality inspection system and product testing center to ensure 100% high quality products.
Quality is life, which is the creed of all AKO people; quality inspection and product testing are combined to continuously improve product quality and customer experience.



Brand Material & Accessories

All AKO products are produced with brand raw materials and accessories to ensure stable and high quality. While ensuring stable and high quality,AKO can also provide customers with products with the ultimate cost performance.



Product R&D Center

AKO has a group of high-quality, innovative high-tech talents who develop new products according to customer requirements.
The production equipment independently developed by AKO can guarantee the production efficiency to the greatest extent, and achieve the double guarantee of products and equipments.



Complete Customer Service System

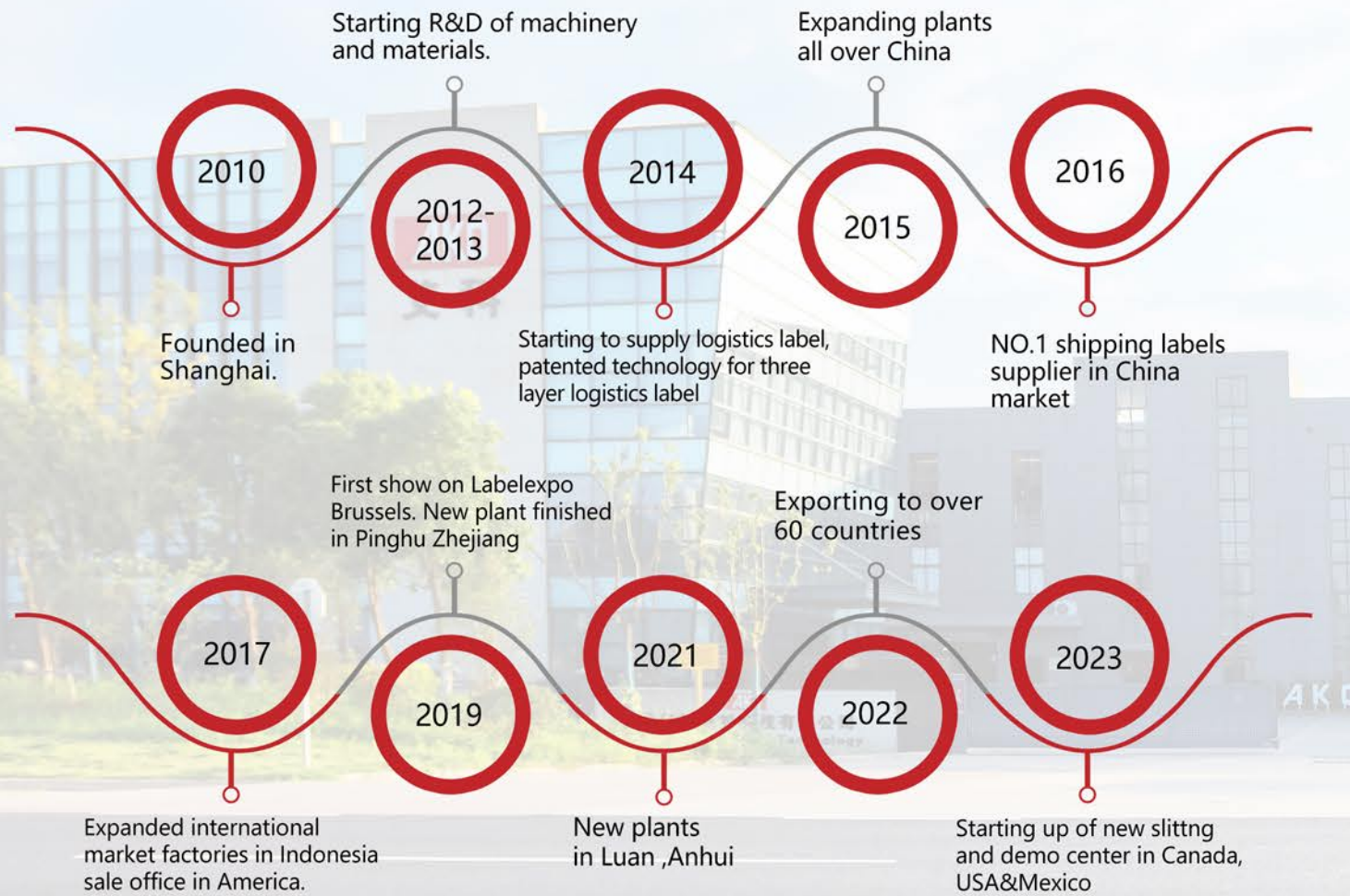
We not only attach importance to pre-sales service, but also comprehensive after-sales service enables us to grow together with our customers. AKO complete customer service system allows you to feel professional service and sincere communication from ordering to after-sales; Your requirements and suggestions are the most powerful driving force of AKO.



Sustainable Green Printing

AKO is a company with a sense of social responsibility. While serving the society, it has always insisted on contributing its own value to the cause of environmental protection. AKO's vision is to be a leader in green and sustainable printing, insisting that all raw materials and accessories also comply with environmental protection certification, and insisting that there is no emission of harmful substances in the production process.

AKO History



SELF ADHESIVE LABEL MATERIAL

Thermal Labelstock (ECO)



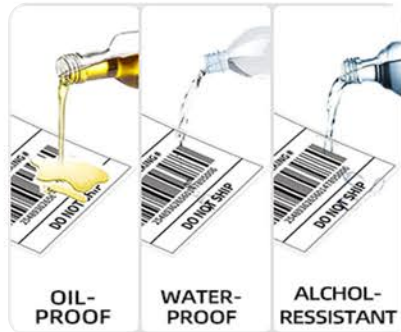
Main Features

ECO thermal label with good waterproof performance, high whiteness, clear printing, and certain protective performance, can basically meet the application requirements of ordinary supermarkets, retail, barcode printing, logistics and transportation industry, and are environmentally friendly. It is a very cost-effective product.

PRODUCT STRUCTURE

| | |
|-----------------|--|
| Name | Thermal Labelstock (ECO) |
| Face Material | Smooth & whiteness paper with heat-sensitive coating, waterproof available |
| Liner | Supercalendered glassine liner |
| Adhesive | General permanent rubber base / Water base (Acrylic) |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |

Thermal Labelstock (TC)



Main Features

Waterproof, oil proof, scratch proof, good plasticity resistance. High whiteness, good gloss, suitable for medium and high-speed printing, clear printing, suitable for logistics, warehousing, supermarkets, shelf labels, product coding and other fields, and has been tested by AKO Product Testing Center, with excellent quality.

PRODUCT STRUCTURE

| | |
|-----------------|--|
| Name | Thermal Labelstock (TC) |
| Face Material | Smooth & whiteness paper with heat-sensitive coating, waterproof greaseproof, scratchproof |
| Liner | Supercalendered glassine liner |
| Adhesive | General permanent rubber base adhesive / Water base (Acrylic) |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |

Thermal Labelstock (Refrigerated/Frozen HM)



Main Features

Waterproof, oil-proof, scratch-proof, plastic-resistant, clear printing, good preservation of graphic information, good protection performance, widely used in food and fruit refrigeration and preservation; seafood, processed meat products and other items that require low-temperature freezing storage.

PRODUCT STRUCTURE

| | |
|-----------------|--|
| Name | Thermal Labelstock (Refrigerated/Frozen HM) |
| Face Material | Smooth & whiteness paper or film with heat-sensitive coating, waterproof available |
| Liner | Supercalendered glassine liner |
| Adhesive | General permanent rubber base adhesive |
| Mini.Appl.Temp. | -10-0°C |
| Service Temp. | -30°C→50°C |



Thermal Transfer Labelstock



Main Features

High whiteness and smoothness, special coating and unique production process make the printing adaptable, clear and high speed. Can be used for barcode labels, logistics labels, shelf labels, food labels, price labels, storage labels, daily chemicals, medicines, etc.

PRODUCT STRUCTURE

| | |
|-----------------|--|
| Name | Thermal Transfer Labelstock |
| Face Material | Semi-gloss white coated paper |
| Liner | Supercalendered glassine liner |
| Adhesive | General permanent rubber base adhesive / Water base(Acrylic) |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |



Semi gloss Labelstock



Main Features

Gloss and matte options are available. The paper has a smooth surface, high whiteness, good ink absorption and inking performance, good printing and printing adaptability, and clear and glossy graphics and text. Widely used in food, medicine, daily chemicals, wine, pictorial, advertising, photo albums, shelves, storage labels, etc.

PRODUCT STRUCTURE

| | |
|-----------------|--|
| Name | Semi gloss Labelstock |
| Face Material | Semi gloss white coated paper |
| Liner | Supercalendered glassine liner |
| Adhesive | General permanent rubber base adhesive / Water base(Acrylic) |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |

Woodfree/Vellum Labelstock



Main Features

Compared with traditional offset paper, it has higher whiteness, smoothness and good ink absorption, and can be used for inkjet printing. It can be used in common occasions such as shelf labels, food labels, price labels, storage labels, etc., and The price/performance ratio is very high.

PRODUCT STRUCTURE

| | |
|-----------------|--|
| Name | Woodfree Vellum Paper Labelstock |
| Face Material | Specially treated white high-smooth paper |
| Liner | Supercalendered glassine liner |
| Adhesive | General permanent rubber base adhesive / Water base(Acrylic) |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |

Beverage Labelstock



Main Features

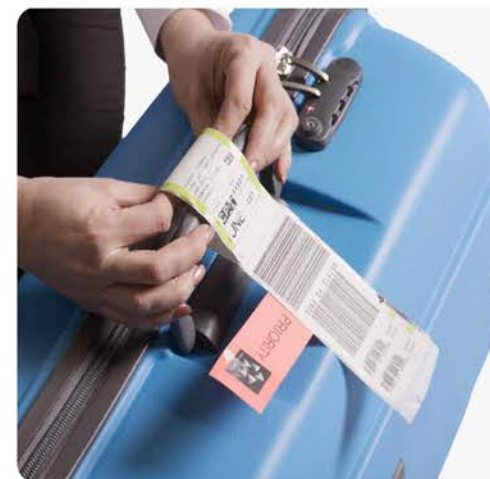
The face paper is made of transparent PP with special coating, which has good printing performance, exquisite pictures and text, not easy to fall off, strong stickiness, and uniform thickness; the bottom paper is made of high-strength PET, with stable release, which can meet the requirements of high-speed, smooth and automatic labeling; The glue adopts a special process formula, which can be washed with water, which greatly improves the efficiency.

PRODUCT STRUCTURE

| | |
|-----------------|---------------------------------|
| Name | Beverage labelstock |
| Face Material | Transparent PP |
| Liner | UV rubber base adhesive |
| Adhesive | PET liner / Water base(Acrylic) |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |



Baggage tag/Labelstock



Main Features

Adopting High-end TOP coated thermal paper, which has good whiteness, gloss, high printing sensitivity and clarity, and has good waterproof, scratch-resistant, oil-resistant, plastic-resistant, temperature-resistant and other properties; the middle layer is made of transparent PP, and the weight Light, high strength, not easy to tear, but also waterproof, so that the adhesive layer is not easy to fall off. It is widely used in the consignment or identification of important items such as logistics, aviation and railways.

PRODUCT STRUCTURE

| | |
|-----------------|---|
| Name | Baggage Tag labelstock |
| Face Material | High-end TOP coated thermal |
| Middle Layer | Transparent PP |
| Adhesive | General permanent rubber base / Water base(Acrylic) |
| Liner | Supercalendered glassine liner |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |



Transparent PP Labelstock



Main Features

The PP transparent material produced by special process has high transparency and good surface tension coefficient, which is suitable for general printing and coloring, with delicate lines, exquisite pictures and texts, and a three-dimensional sense. Widely used in high-grade packaging labels for food, medicine, daily chemicals, wine, etc.

PRODUCT STRUCTURE

| | |
|-----------------|---|
| Name | Film(Transparent PP) |
| Face Material | Biaxially oriented transparent polypropylene film |
| Liner | Supercalendered glassine liner/PET/PET/BOPP |
| Adhesive | General permanent rubber base adhesive or acrylic / Water base(Acrylic) |
| Mini.Appl.Temp. | 5°C |
| Service Temp. | -20°C→70°C |

White PP/Matte PP Labelstock



Main Features

White PP paper has a soft pearl luster, matte PP has a certain three-dimensional effect, with the coating process makes the printing adaptability very good, the graphic information is exquisite, widely used in daily chemical, food, medicine labels.

PRODUCT STRUCTURE

| | |
|-----------------|---|
| Name | film (White PP/ Matte PP) |
| Face Material | Biaxially oriented matt white/pearl white polypropyl- |
| Liner | Supercalendered glassine liner |
| Adhesive | General permanent rubber base adhesive or acrylic / Water base(Acrylic) |
| Mini.Appl.Temp. | -10°C |
| Service Temp. | -30°C→70° |





FACESTOCK & LINER

Direct Thermal Paper NTC/ECO/TC



Main Features

From thermal paper, thermal film, from low-end to mid-to-high-end thermal materials we all have, the protection performance covers waterproof, scratch-resistant, plastic-resistant, oil-resistant, spirit resistant, and high-temperature resistant; widely used in logistics, supermarkets, Storage, food, fruit, hot drinks, refrigeration, cold chain transportation, microwave heating and other places. General specifications include TOP, ECO, 75g, 70g, 65g, and special specifications can be customized.

Thermal Paper (Cashier Paper)



Main Features

High whiteness, good smoothness, smooth and clear printing, and certain image and text preservation. Widely used in supermarket cashiers, self-service printing vouchers in hospitals, banks, gas stations, convenience stores and other public places. The specifications are generally: 48g, 65g, 70g..

Liner-Glassine



Main Features

High transparency, high smoothness, good gram weight and thickness uniformity, stable release force, high strength, and many high-quality features such as moisture resistance, high temperature resistance, and oil resistance. It is widely used as the backing paper of various labels, which can meet the requirements of high-speed die-cutting and automatic labeling. Specifications are generally 40g, 58g, 65g.

Thermal PP Material



Main Features

Suitable for medium and high speed printing, high color sensitivity, strong tear resistance, high definition, long storage time, good waterproof, anti-scratch, alcohol resistance, oil resistance, widely used in logistics, refrigeration, freezing, raw materials Fresh, hot drinks, microwave heating, medicine and health and other places.



ACCESSORY



Hot melt



Main Features

AKO hot melt adhesive has excellent adhesion and fast curing of hot melt adhesives. It can be used in low temperature environments and can be used normally at minus 50 degrees. It has significant advantages such as low energy consumption, low cost, high quality and environmental protection. Hot melt adhesives are highly effective in safety and stability.

Acrylic



Main Features

AKO water-based glue uses water as a solvent, which is environmentally friendly, generally non-toxic and tasteless, and is generally used for sticking bottles. Water-based glue can achieve good water resistance and adhesion.

Ink



Main Features

AKO LED ink is VOC free, ultra low viscosity, curing good, no unpleasant smell, ensures that no phenomena of Plug nozzle ink jet while printing process. after six months' temperature storage test, no gather, sink. Compared with UV inks can be saved 60% energy power.

STRATEGIC PARTNERS

