



上东包装
SHANGDONG PACKAGING

**FLEXIBLE
PACKAGING DESIGN**



FLEXIBLE PACKAGING FACTORY

HIGH QUALITY

ZERO DEFECT



Shang Dong Packaging Technology Co., Ltd.



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Company Profile

Dedicated and professional:

Our company is a leading plastic packaging manufacturer integrating R&D, design, production and sales. Since 1997, we have been engaged in the plastic packaging industry.

Convenience:

The company is located in Dongguang County, Hebei Province, the largest gathering place of plastic packaging industry in the north, with an all-round supporting supply chain, which effectively guarantees the delivery time and cost-effectiveness of customers.

Management & intelligence:

MES intelligent production management system and QR code material traceability system.



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BOBST imported 10 color print machine

Comprehensive and efficient:

We have 4 high-speed electronic shaft printing production lines of international brands such as **BOBST** and **Ultramar**, with a printing speed of 400 m/min and 10 printing colors, which can meet the printing quality needs of different customers. At the same time, it is equipped with two kinds of composite equipment, dry type and solvent-free, to meet the needs of customers with different functions. The finished product workshop is equipped with several high-speed slitting and various high-precision bag making machines, which can achieve a daily output of 50 tons of film rolls and 5 million bags per day.

Quality assurance:

Equipped with 8 sets of high-definition intelligent digital inspection equipment to ensure that defective products do not leave the factory.

SHANGDONG FACTORY

With 25 years' commitment to R&D and production, SHANGDONG Packaging has become the leader of flexible packaging industry in North China. Adhering to the corporate tenet of safety, green, quality and innovation, we are specialized on developing and producing green and functional packaging for human health .

Our factory is located in China plastic packaging concentration area, covering an area of 32,000 square meters, designed and built according to Industry 4.0 intelligent factory, including 10,000 square meters of 100,000-grade GMP dust-free purification workshop, producing 5 million bags per day. We have the world's top production equipment by BOBST 10-color printing machine, MES intelligent production management system and QR code material traceability system.



TV Show



Strategic Partners 战略合作伙伴

FOXCONN
富士康

金沙河集团
JINSHAHE GROUP

KIN
陈克明食品

吉林大米
Jilin Rice
好吃 营养 更安全

卫龙

百草味
Be & Cheery

良品铺子
BESTORE

beatles
比通仕

大成
DaChan

全聚德
QUANJUDE

便宜坊
PIANYIFANG

CP
正大食品
CP FOOD

Hil
Hidilao hot pot
海底捞

老才臣
LAOCAICHEN

东来顺
DONG LAI SHUN
Since 1903

呷哺 呷哺
xiabu xiabu

蒙牛
MENGNIU

科迪乳业
KEDI DAIRY

Yili
TM

TERLN 天润

TIENS
天狮

天益食品
TANYEE FOOD

珍吾堂
ZHENWUTANG
百年大药房 全球连锁

McDonald's

万泰生物
WANTAI BioPharm

华大基因
BGI

恒瑞
HENG RUI PHARMACEUTICALS

W·CCW 康治医疗

MILKANA
百吉福

白象食品
BAIXIANG FOOD

Uni-president

康师傅
SOUP Noodle

嘻夕林
Professional pet food

ROYAL CANIN

多特思
DOTUS

比瑞吉
Bridge PetCare

Walmart
沃尔玛

大润发
RT-Mart

盒马
FRESHIPPO

METRO
麦德龙

SHANGDONG use rigorous scientific attitude to create high-quality, green and hygienic packaging products. We insist on winning the market by prime quality and service, establishing a comprehensive customer service system integrating R&D, marketing and technical support to ensure that we can provide customers with high quality products in short time. It has the leading microbiological laboratory and physical laboratory in the industry, with complete testing equipment to provide a reliable guarantee for food and medicine packaging safety.

Our packaging bags were produced with beautiful design, clear color print, and ECO friendly material, high toughness and high strength, etc. which effectively protect the original flavors of the contents.

SHANGDONG factory worked with Tianjin University of Science & Technology and Beijing Institute of Graphic Communication on research, has obtained a number of invention patents such as 'transparent high-barrier milk film'. Our product applied well for food, medicine, health products, beverages, dairy products, electronic products, pet food and other industries. Cooperate with us, you will get more.

SHINE TONE PACKAGING

25 Years Professional Flexible Packaging Manufacturer





Qualification certification

While improving product structure and new product development, the company took the lead in obtaining ISO 9001:2015 international quality management system and FSSC 22000 food safety management system certification. Strictly implement PDCA cycle improvement management within the company, constantly use scientific management mode, keep improving the production concept, while obtaining a number of invention patents. With "high quality, zero defect" as the pursuit goal to provide consumers with high-quality and stable flexible packaging products.



We perfected our quality inspection equipment configuration with strict inspection system implementation, to ensure stable product quality.



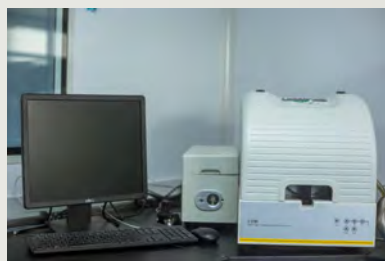
Testing equipments



压差法气体渗透仪
Differential pressure gas permeameter



热封试验仪
Heat sealing tester



水蒸气透过率测试系统
Water Vapor Transmission Rate Test System



摆锤式冲击试验机
Pendulum Impact Tester



摩擦系数仪
Friction coefficient meter



气相色谱仪
Gas Chromatograph



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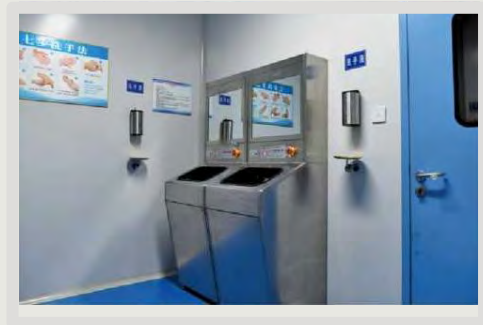
PRODUCTION PROCESS AND EQUIPMENT

With advanced production equipment, years of flexible packaging production experience, and scientific management mode, the company can process various plastics, coated plastics, paper, aluminum foil, aluminized film and other materials into complementary advantages through composite curing methods. Flexible packaging finished film, and then slitting or bagging into various packaging products required by customers.

Workshop entry process



换鞋处-更换工鞋
Changing Shoes



洗手处-洗手
Handwashing



更衣室-换净化服
Locker Room - Change Of
Purification Suit



消毒处-消毒
Disinfection



风淋室-去除尘屑
Air Shower - Removing Dust

Production process



印刷机
Printing Machine



干式复合机
Dry-type Lamination Machine



无溶剂复合
Solvent-free Compound Machine



固化室
Curing Room



检品机
Inspection Machine



分切机
Slitting Machine

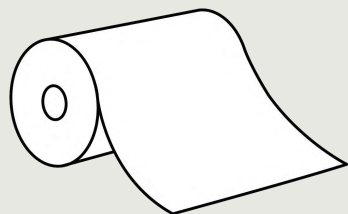


制袋机
Bag Making Machine

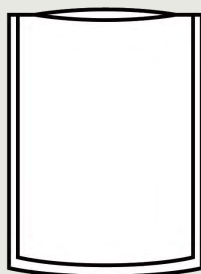


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Bag type



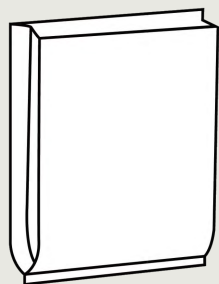
卷膜
**Automatic
packaing roll flim**



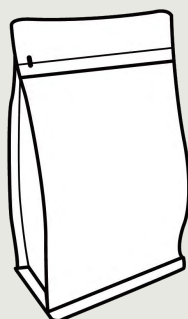
三边封袋
Three side seal bag



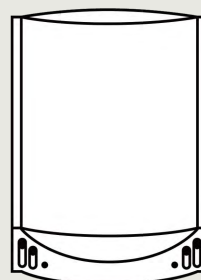
背封袋
Fin/lap seal bag



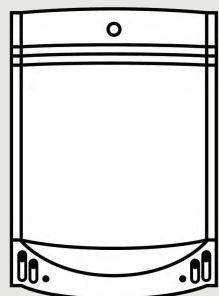
侧面插角袋
Side gusset bag



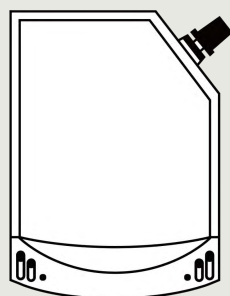
四边封袋
Quad seal bag



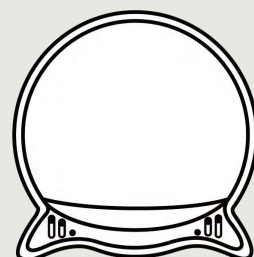
自立袋
Stand-up bag



自立拉链袋
Stand-up zipper bag



吸嘴袋
Spout pouch



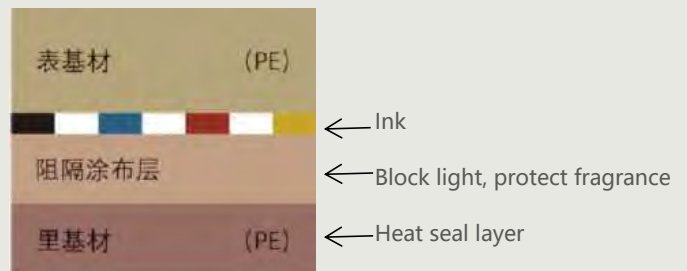
异型袋
Anomalisty bag

单一材质绿色包装 Single material green packaging

Functional Index	Numerical Value	Test Conditions	Function Description
Oxygen Permeability	1-2cc/m ² .24hrs	23°C 50%RH	A top-of-the-line transparent high-barrier product with stable oxygen barrier properties at high relative humidity. Protects the product from the effects of oxygen.
Fragrance Index	99.9%	75°C 1.5HRS, medium: essence: water=1:1	In the comparison test under the same conditions, the fragrance of EVOH products maintains 99.6%, and the longer the time, the greater the difference in fragrance protection of the products.

Applicable to:

Dairy, soy milk, cream, pet food, snack food, personal care, industrial products, frozen product packaging in rolls, three-side sealing bags, stand-up pouches and standing zipper bags, four-side sealing zipper bags, etc.



Performance characteristics:

The same material is used to replace the current composite products of several layers of different materials. Post-consumer product packaging is cleaned and pelletized, which can be further recycled and reused to make plastic products, reducing harmful effects on people and the environment and achieving sustainable development. It can be recycled and reused to improve the use value of materials, reduce environmental pollution, and meet the needs of economic development. All-PE single-material composite structure, the outer layer is made of temperature-resistant and tensile-resistant PE for printing, and the composite layer is made of high-strength material to ensure the flatness and strength of the bag. In addition, it can also be combined with the support of high-barrier PVA coating materials, so that ordinary PE packaging has high barrier, prolongs the shelf life, and ensures food flavor.



生物可降解包装 Biodegradable packaging

Material structure:

BOPP, BOPET, BOPA, AL, K film, EVOH high barrier co-extrusion film, PE, CPP, etc.

Features:

By modifying different varieties of biodegradable materials (such as PLA, PBAT, etc.), it is combined with kraft paper and high-barrier biodegradable PVA to form a biodegradable package with high barrier properties, with <3 oxygen and water vapor transmission. Rate. Compared with the traditional paper-plastic aluminum packaging, which uses aluminum foil or aluminized materials to achieve high barrier, the structure is simpler and the cost is lower. It can well prevent oily food and puffing, baked food from oxidative blackening, and moisture deterioration. At the same time, due to its excellent aroma barrier properties, it can also well preserve the original flavor of the food during the shelf life of the food, and improve the consumer experience.

It is widely used in all kinds of nuts, puffed food, baked food, and food packaging such as tea and coffee.

Compared with traditional non-barrier or medium-barrier paper-plastic composite packaging, its oxygen barrier properties and water vapor barrier properties are better. Since kraft paper can be completely degraded, PLA can also be completely degraded, so this combined composite packaging bag can achieve More than 98% biodegradability. Not only environmentally friendly, non-toxic and harmless to meet food safety, it can be used for food packaging, and can be used for food packaging, and can achieve the texture of traditional kraft paper bags, making biodegradable plastic bags more upright.



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谷物包装 Cereal Packaging

Rice grain outer packaging:

Using advanced high-speed electronic shaft gravure printing machine. The use of bronzing and matte oil printing technology can well reflect the exquisiteness and quality of the printed pattern.

Cooperate with high-strength PE film and PA, various paper, AL and other materials, and apply the partial window opening process to produce three-side seal bags, back-seal bags, quad seal bags and flat bottom bags.



Rice grain vacuum packaging:

Imported high-strength metallocene polyethylene resin raw materials are used to increase the puncture resistance, drop resistance and heat-sealing strength of the packaging, and combined with PA, EVOH co-extrusion film, alumina evaporation film and other high barrier films to produce Vacuum-packed rice bricks can meet different content, aroma preservation requirements and bag types.

Application:



休闲食品包装 Snack food packaging

Material structure:

BOPP, BOPET, BOPA, VMPET, VMCPP, AL, VMPET, K film, EVOH high-barrier co-extrusion film, PE, CPP, easy-to-release film, easy-to-tear film, etc.

Performance characteristics:

A variety of printing processes can well highlight the exquisiteness and sense of quality, reflect the design soul of product designers, and improve product grades and shelf effects. The rational application of a variety of materials is suitable for the conditions of canning, sterilization, storage and transportation of various products, and guarantees the shelf life. With reasonable friction coefficient and sealing temperature, it can have suitable sealing strength in a relatively wide heat sealing temperature range.

Applicable Products:

- (1) Curtains, publicity fences, etc.
- (2) Leisure food: French fries, potato chips, hawthorn products, etc.
- (3) Prepared drinks: coffee, milk powder, soybean powder, nutritional granules, etc.
- (4) Daily chemicals: washing powder, laundry detergent, shampoo, shower gel, etc.
- (5) Instant noodles, vegetable bag, material bag, oil bag, vinegar bag, sauce bag, etc.
- (6) Grain and oil noodles and their deep-processed products
- (7) Pet Food and Supplies
- (8) Medicines: outer bag, powder or granule inner bag, plaster packaging, etc.
- (9) Cover film (sealing film): easy to open cover film, ordinary cover film
- (10) Condiments: salt, spices, soy sauce, vinegar, etc.



乳制品包装 Dairy packaging

Transparent high-barrier milk film:

The new-generation PVA high-barrier coating developed by our company is used as the barrier layer. Under the condition of 23CC. 50%RH, the oxygen transmission rate is 2cc/m²- 24h • O.IMPa or less, which is the top product in the industry. It has ultra-high and stable oxygen and moisture barrier properties under relative humidity. And has a long-term fragrance retention, so that the milk flavor lasts longer. At the same time, it can shield ultraviolet rays with wavelengths below 450nm, so it can avoid adverse effects on milk quality caused by light exposure. The heat-sealing layer adopts a large proportion of low-temperature heat-sealing materials, which has a low sealing temperature and good heat-sealing performance.

Green Packet High Barrier Milk Film:

It is a new type of environmentally friendly low-carbon liquid milk packaging material extended from the manufacturing technology of green environmental protection product "B-Paper series paper film" jointly developed by our company and Hebei Bairuier Packaging Materials Co., Ltd. Green Pack uses a new generation of high-barrier PVA coating materials, and the oxygen transmission rate can reach below 2cc/m² • 24h-O.IMPa, so its oxygen and aroma barrier properties have been greatly improved compared with previous generation products. Especially at high temperature, it has good aroma resistance. The so-called MB-Paper paper is a kind of waterproof and tear-resistant special paper. The main components are non-toxic polymer materials, inorganic mineral powder and calcium carbonate. Its manufacturing process is 100% free of wood pulp, strong acid, strong alkali, bleaching No need to wash with clean water, and no waste water and waste gas discharge. Sensory effect: its white cloud-like paper appearance and broad feel will bring a new feeling to consumers. At the same time, with its pure bottom Color, with a simple pattern and text printing can greatly improve the appearance of Baileys milk, so as to better display the pure and flawless sensory effect of pure natural milk, completely changing the perception of Baileys in the minds of consumers. "Plastic bag - a low-end, rigid image.



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宠物用品包装 Pet products packaging

Pet Wet Food Bags:

It adopts the combination of various materials such as BOPET, BOPA, AL, alumina PET, CPP, etc., and uses various shapes such as self-supporting pouches, self-supporting nozzle bags, and strip roll film packaging as soft canned pet wet food packaging. This package has ultra-high barrier properties, can withstand 80kg pressure, is resistant to high temperature sterilization of 135T and below, has a good shelf display effect, and has extremely low odor, which can better ensure food nutrition, flavor and shelf life.



Pet dry food bag:

According to the needs of customers, it depends on the variety of pet food, the size and weight of each package, the testing requirements of pet food manufacturers for packaging bags, the processing method of pet food processed food, the shelf life requirements after pet food packaging, and the packaging of pet food. Bag design requirements and pressure resistance requirements...and other information are combined together to analyze, balance and select the most reasonable value of the composite structure. A four-layer composite material structure is selected for the heavy content of pet dry food, which can bear the normal production, filling, storage and handling conditions of the content of 5-20kg. Various materials are perfectly combined and balanced to produce eight-side sealing bags, four-side sealing bags, self-supporting bags, self-supporting nozzle bags, back-sealing bags, roll film packaging and other packaging with various properties, bag types and high added value. In addition to material selection, additional designs such as multiple opening and closing zippers, slider zippers, magic zippers, easy-tear zippers, suction nozzles, etc., all help to maximize the value of pet food packaging bags. This easy-to-use, reusable package offers excellent shelf presentation and is suitable for fully automatic, semi-automatic or manual filling.



面膜包装 Mask packaging

Performance characteristics:

The mask packaging adopts multiple sets of high-speed electronic shaft gravure printing machines with an overprint error of less than 0.1mm, and the blessing of special technologies such as hot stamping, hot silver and UV matte ink can well reflect the delicacy and quality of the printed pattern. High-barrier materials such as AL, AL203-PET, VMPET can be selected according to actual product needs to achieve high-barrier packaging that blocks moisture and oxygen. The shape of the aluminum foil bag is quite wide. It feels smooth. AL203-PET can see the contents and has a high barrier property not lower than that of aluminum foil. VMPET is cost-effective. The addition of easy-to-tear PE and PET makes it easier and elegant for consumers to open the bag. Our company has one object one code and two-dimensional code spraying technology, which can be customized and traceable packaging.

Recommended printing materials:

PET/AL/PE, PP/AL/PE, PET/VMPET/PE, PET/AL203-PET/PE, etc.



工业品包装 Industrial packaging

Material structure:

BOPET, BOPA, AL, VMPET, multi-layer co-extruded film, PE, etc.

Features:

Apply barrier materials with high-strength PE film or multi-layer co-extruded film to produce packaging with high barrier properties and ultra-high puncture resistance, impact resistance, pressure resistance and drop performance, which can withstand slight chemical Corrosivity and pH, to ensure a low breakage rate for heavy packaging logistics. It is suitable for the packaging of food additives, electronic products, aviation equipment and electrical accessories.



高温蒸煮包装 High temperature cooking packaging

Material structure:

BOPP、BOPET、BOPA, AL, K film, alumina PET, PE, CPP, etc.

Features:

The combination of waterproof and retort-resistant materials can ensure that the packaging has sufficient high temperature resistance, drop resistance, puncture resistance and sealing strength under the conditions of boiling and retort sterilization (reverse pressure when individual products need to be cooled). , to ensure that the outer packaging does not shrink, discolor, deform and delaminate after sterilization, so that the microorganisms in the packaging can be effectively killed, so as to extend the shelf life and make the food usable.

The main sterilization conditions of the product:

(1) Pasteurization at 85°C (2) Vacuum boiling sterilization at 86-100°C (3) Steaming sterilization at 86-100°C (4) Vacuuming at 100-121°C High-temperature cooking and sterilization (5) 121-145°C vacuum high-temperature cooking and sterilization.



冷冻食品包装 Frozen food packaging

Material structure:

BOPP, BOPET, BOPA, AL, K-film, EVOH High Barrier Co-extrusion Film, PEs, CPP, etc.

Features:

The combination of a variety of different functional materials and materials with good low temperature flexibility can ensure that the packaging has sufficient impact resistance, drop resistance and puncture resistance at extremely low temperatures, so as to ensure that the contents are not scattered, polluted and deformed. Suitable for 0 · 3crc frozen food packaging.



Applicable products:

(1) Rice porridge, pumpkin porridge, etc. (2) Dumplings, steamed buns, dumplings, etc. (3) Pre-made dishes, etc. (4) Cold drinks, popsicles, popsicles, etc. (5) Fresh frozen meat, etc. (6) Seafood, etc. (7)) other frozen foods.

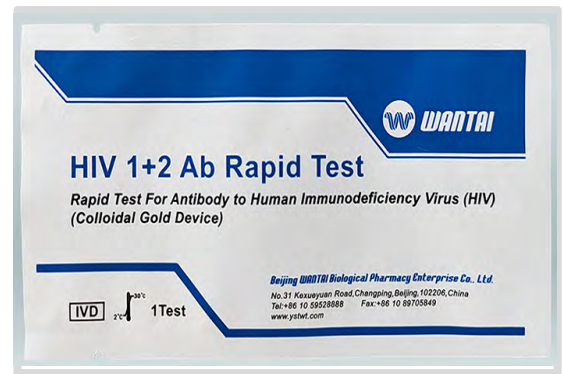
医药包装 Pharmaceutical packaging

Material structure:

Mainly use BOPP, BOPET, BOPA, AL, VMPET, easy-to-peel film, PE, CPP, etc.

Features:

The company has a 100,000-level GMP standard purification workshop, which provides guaranteed environmental conditions for pharmaceutical products. Provide hygienic and safe quality assurance for pharmaceutical products through and implement high-standard safety management and quality management systems. The materials used meet the hygienic and safety requirements of pharmaceutical packaging, and can ensure sufficient safety, protection and barrier requirements during the shelf life of medicines.



日化包装 Daily chemical packaging

Material structure: BOPP, BOPET, BOPA, AL, VMPET, PE, CPP, etc.

Features:

Exquisite packaging and printing, customized and personalized partial matte, bronzing, special-shaped. The flatness is good, the sealing strength is high, and the product positioning is better displayed. The use of high-barrier materials greatly improves the barrier properties and fragrance retention.

The application of high-strength BOPA, PE and other materials enables the packaging to have super puncture resistance, impact resistance, pollution resistance, pressure resistance and drop performance, ensuring a low breakage rate in logistics and transportation. Suitable for packaging of liquid detergents, maternity and baby hygiene products, washing powders, soaps, shampoos, cosmetics, etc.



立体包装 Three-dimensional packaging

Material Construction:

All commonly used plastic flexible packaging materials.

Features: Our company can provide customers with overall packaging solutions according to customer product characteristics and marketing requirements, and use advanced high-speed bag making equipment to produce and process currently popular high-tech environmental protection bags. Make the appearance beautiful and novel, highlight the product characteristics, and pursue personalized packaging.

Main bag types:

(1) Stand-up bag series: stand-up bag, stand-up special-shaped bag, stand-up zipper bag, stand-up nozzle bag (2) side-sealing easy-tear zipper bag, four-side sealing magic zipper bag, four-side sealing slider zipper bag, four-side sealing Nozzle sealing bag (3) Flat bottom eight-side sealing bag series: eight-side sealing bag, eight-side sealing special-shaped bag, eight-side sealing easy-tear zipper bag, eight-side sealing magic zipper bag, eight-side sealing slider zipper bag, eight-side sealing Mouth-sealing bag (4) Middle-sealing organ bag series: middle-sealing organ bag, middle-sealing organ trapezoid bag



纸塑复合包装 Paper plastic composite packaging

Material structure:

Paper, BOPP, BOPET, BOPA, AL, K film, Alumina PET, VMPET, PE, CPP, etc.

Features:

The plastic film with beautifully printed patterns is compounded with various types of paper to make the package wider, and the unique texture of the base paper increases the beauty of the package. Add AL, K film, alumina PET, VMPET, etc.

Materials give packaging different barrier properties. The use of partial dummy printing, bronzing, and window opening technology enriches the packaging forms and improves the packaging quality.





25 Years Professional Flexible
Packaging Manufacturer

生产加工中心：河北上东包装科技有限公司

Production center: Hebei Shangdong Packaging Technology Co.,Ltd

全球销售中心：天津上东包装科技有限公司

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