MST PACK®

MST PACKAGING

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MST PACK®

MST Packaging

Since 1993

1993

1994

1995

1998

2008

2028

2038

Philosophy

To be enthusiastic on what we do.
To supply superior package under international safety standards.
To be a vigorous, learning-oriented and professional packaging supplier.

History

Established in 1993 by Mr. Shea, MST Packaging is one of the Asia's packaging manufacturing enterprises, supplying flexible and paper packaging under international standards, covering food and non-food industries all over the world. It has received good recognition and satisfaction from all its customers.

In 1993 MST set up its packaging factory in Jiangmen City, Guangdong Province, the southern part of China. Certified by ISO9001 and ISO14000, MST began to expand its sales network all over China.

In 2003 MST began to expand its sales network all over the world, such as USA, Australia, New Zealand, Europe, Oceania, Middle East, South Asia, South Africa and etc.

In 2007 MST was certified by international standards like BRC, HACCP, FDA and ISO22000.

MST PACK®

Better Packaging Better Solution

Production

With over 20 years' experience, MST Packaging is always focusing on offering superior packaging products to its customers. It's equipped with 8 ~ 10 colors rotogravure printing and lamination lines, including dry lamination, extruded lamination and solvent-free lamination.

About MST

MST Laboratory

WVTR - Water Vapor Transmission Tester

It tests the water vapor transmission rate (WVTR) of packaging material. It's widely used in food industry, pharmaceutical industry, cosmetics flexible packaging materials industry, plastic film, barrier materials, sheets, metal aluminum, PVC, PVC sheets and etc. The technical index of the materials can be controlled to meet the requirements for production.

FTIR - Fourier Transform Infrared Spectrometer

It combines the latest optics, electronics, materials science and artificial intelligence technology. It's widely used in pharmaceutical, petroleum, chemical, environmental protection, food, materials science, public security, national defense, and other fields.

Electronic Microscope

It's used to measure the thickness of individual laminated material.

OTR - Oxygen Transmission Rate Tester

It is applicable in oxygen transmission rate test for barrier materials such as plastic film and laminated film, as well as the finished package made from plastic, rubber, paper, glass, metal and other materials in pure oxygen or air.

Electronic Weighting Machine

It's used to measure the coating weight of adhesive during lamination.

Tensile Tester

It's used to measure the sealing strength of materials and bonding strength of films after lamination.

Puncture Testing Device

It's applicable to testing the puncture resistance strength of all kinds of materials.

GC - Gas Chromatograph

It's used to measure the presence and level of different solvents in products.

Retort Chamber

This is a fully automated machine to test and analyze retort pouch. It can be used to test the retort pouch for 30 minutes under 120℃ or 45 minutes under 135℃.

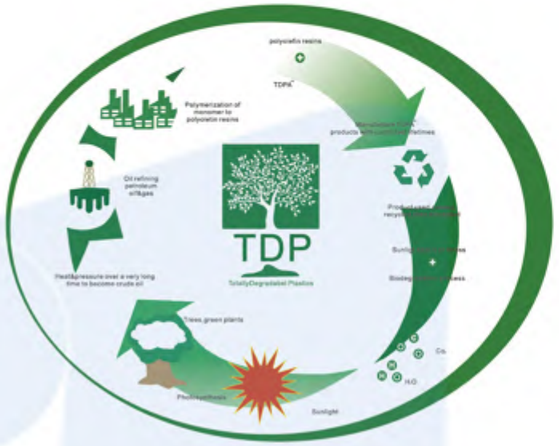
Environmental Responsibilities

Solvent Recovery System

MST Packaging has realized that solvent, used in ink, lacquer and adhesive during production, contains and emits volatile organic compound. To fullfill the environmental responsibilities, MST installs this Solvent Recovery System to prevent environmental pollution and ensure safety and health of its workers. Moreover, with this system, the solvent can be reused after recovery, which greatly improves the utilization.

Toluene Free Printing

Even though to use toluene free printing ink is not compulsory in China, MST insists on using it in production, just in order to comply with international regulations and show concern for its employees' health. MST is always committed to being a socially and environmentally responsible enterprise.



Oxo Biodegration Technology

Oxo biodegradable technology can make plastic totally degradable. Plastic incorporating with TDRA™ additive, that is TDP™ plastic, will degrade in months and finally become carbon dioxide, water and biomass particles without leaving any toxic or harmful residue. Hence, TDP™ plastic is 100% environment friendly.

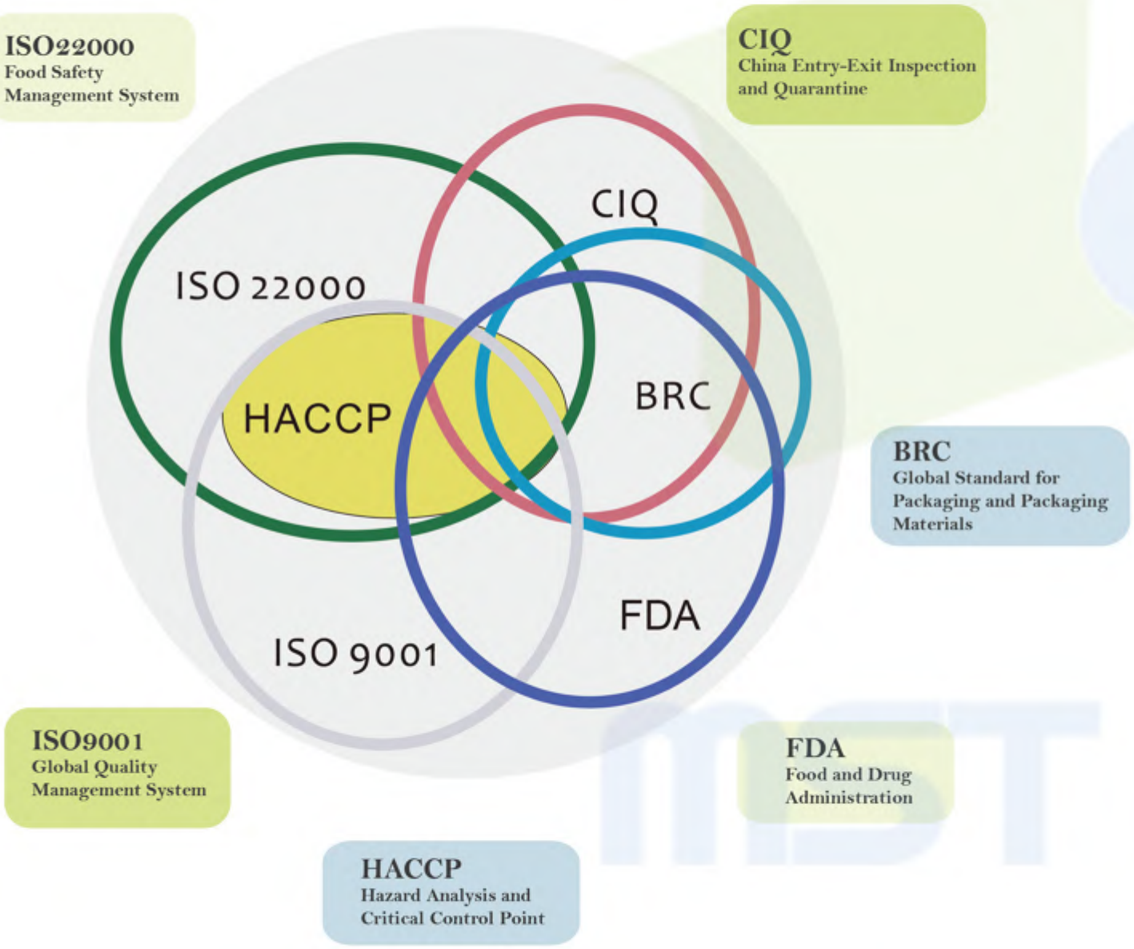
Superior TDP™ Plastic Performance

	Traditional Plastic	TDP™ Plastic
Tensile Strength	✓	✓
Elongation	✓	✓
Impact Resistance	✓	✓
Clarity	✓	✓
Printability	✓	✓
Permeability	✓	✓
Sealability	✓	✓
Food Contact	✓	✓
Recyclable	✓	✓
Degradability	✗	✓

The Advantage of TDP™ Plastic

* Suitable and safe for food packaging
* FDA approved
* Degrades in months
* Degrades into carbon dioxide, water and biomass particles
* No toxic or harmful residues
* 100% environment friendly

Integrated Quality System



MST Packaging always pays much attention on quality management. Its integrated quality system, that is IQS, includes ISO9001, ISO22000, HACCP, BRC, FDA and CIQ. This system enables MST to meet all international standards and supply superior products to its customers.

MST Quality Policy

* Comply with all international safety standards
* Keep on regular training & evaluating MST people on product quality and safety
* Fulfill its customers' requirements and keep the customers satisfied

Flat Bottom Pouch

The flat bottom pouch not only retains the nature characteristic of traditional package, but also fully expands a new concept for packaging. It is a perfect mixture of side gusseted and stand-up pouch. It takes up very little space but looks like a nice flexible box.

Production Process Monitoring & Inspection

Retort Pouch

Retort Pouch is a compound plastic film pouch which can have heat treatment. It's also called Soft Can, with the advantage of can and heat resistance. It's an ideal packaging for fresh products like fish, chestnuts, noodles and soup. It keeps the freshness of the products inside the pouch until its expiration.

De-Metalized Pouch

De-Metalized Pouch is also called Aluminized Window Pouch. The aluminized window can be set anywhere as you want. It's widely used in garment, food and toy industry.

Matt Coating

The Matt Coating highlights the specific part of the pouch. The nice finishing makes the products more competitive in the market. It's an ideal package for snacks and confectionery.

Laser Easy Tear

It's much easier to open the bag with a laser easy tear. The laser punched dot line makes the edge quite straight when people tear the opening.

Hologram Finishing

Hologram on plastic or paper bag is for protection against forgery. Besides the security function, it's used for finishing. Choose one of our prefabricated standard holograms or create your own specific hologram to improve your package right now.

Water Bag/Wine Bag

With its portable ease, this sleek bag gives boxed wine a good name. Stylish and sturdy, this carrier keeps your fine wine fresh at dinners, parties and picnics. It comes with a non-slip rubber base and a comfortable handle for easy transport. An airtight spout fits all standard taps, and its adjustable interior is roomy enough to slip ice cube to cool the wine. Rinse for easy maintenance.

Anti-Chew Spout Pouch

This spout pouch with anti-chew cap is our patented product. It is helpful to prevent the kids to swallow up the cap.

Pouch with Degassing Valve

An airtight package is essential for keeping your products fresh. When the package is sealed and the products inside generate gas, the package will inflate, and the gas needs to be released to prevent bursting. Our patented one-way degassing valve is the best solution for it, releasing the gas inside and preventing the air outside to go in. This design is serviced as a pressure releasing system, to keep your product fresh.

Pouch with Tin Tie

Resealing gradually becomes one of the main points in consumer-friendly packaging. Side gusseted bags have always been a good choice for our customers, but resealing isn't its strong point. So we design the adhesive tin ties in different sizes for it. This accessory improves the advantage of side gusseted bags and makes it more convenient to use.

Slider Zipper Bag

Slide zipper bag has high popularity among users because of its convenient use and easy handling. The zipper allows you to contain your things into it as long as you want.

Kraft Paper Bag with Clear Window

Available in white and natural kraft colors. A clear window on the package is great to show the products inside directly. The poly-line is for double protection and the tin tie is for easy closing. It's a perfect package for freshly made products like coffee, cookies and pastries.

Pocket Zipper Bag

This special zipper protects the bag from destroying on the shelf when people want to open it, and it completely makes the bag look nice.

Cotton/Rice Paper Bag

The main advantage of this bag is natural and reusable, it's biodegradable. It looks definitely different with other common bags and specially nice.

Velcro Zipper Bag

Velcro zipper is a perfect way to clean up a messy world. Store supplies. Organize your garage. Put toys away in their rightful place. It's sturdy and reusable, with an easy opening and closing system.

Hot-Stamping Paper Bag

Hot-stamping is a technique to make an engraved image on the package. It makes the bag look brilliantly sharp and nice.

Paper Front + Clear Back

One side is paper material and the opposite is clear plastic material which makes the bags look much more different and outstanding on the shelf. It's a new packaging idea and good to show nuts, tea, candy and etc.

Lidding Film/Roll Film

This is an economical way for packaging. Any design, logo, barcode and description can be printed on the film.

Paper Box Pouch with Window

Available in white and natural kraft colors. There's a clear window on the package which is great to show the product inside directly. Perfect for freshly made products like coffee, cookies and pastries. Poly lined is for added protection and tin tie is for easy closing.

Shrink Sleeve

Shrink sleeve provides a shelf-defining, cost effective and sustainable way to create brand awareness. With seamless full body shrink sleeve packaging, you can decorate almost the entire surface area of your product. You are no longer limited to just use the flat surfaces of your container, but you can cover the contoured areas of your product with eye-catching graphics.

SOS Paper Bag

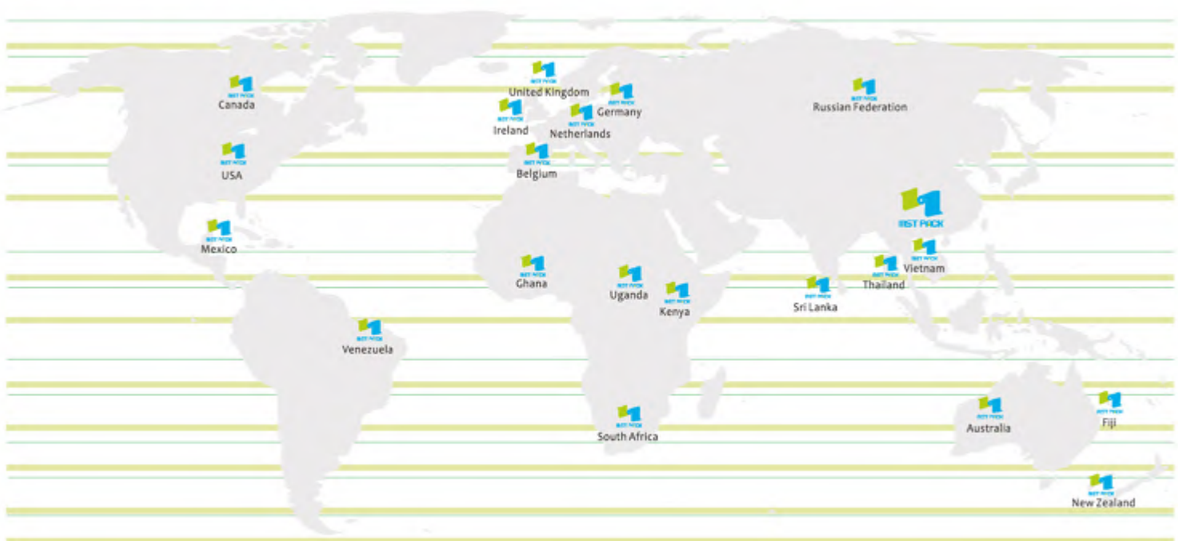
One layer paper or with PE coating material which makes the bag cheaper and have much more volume with square bottom and side gusset. It is commonly used for flour.

Labels

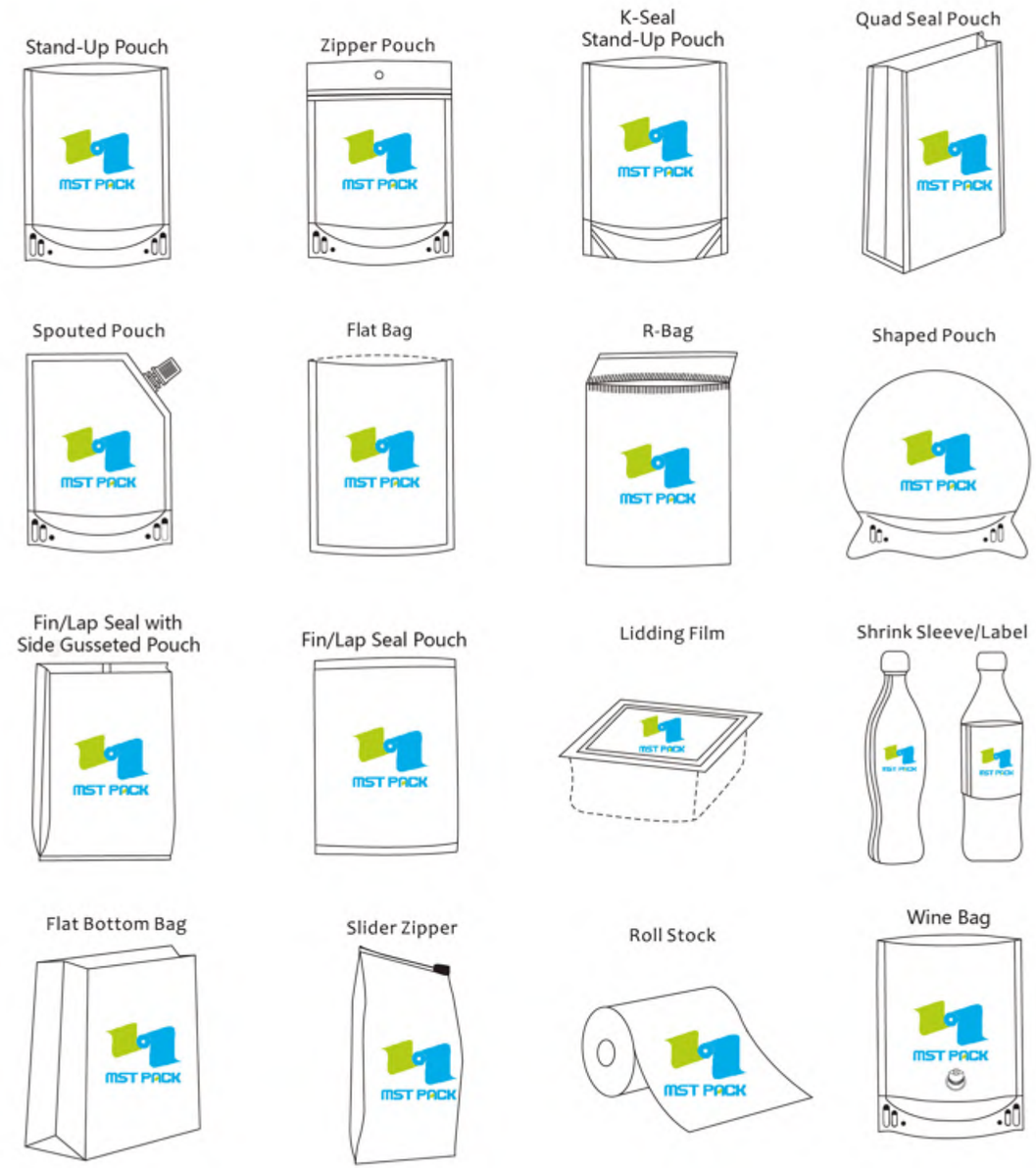
MST offers professional label printing solutions nationwide. If you are looking for full-color custom printed labels and you want a label printing company that takes pride in customer service - MST will meet your needs. Depending on the needs of the customers, we will print the desired type of label with specific design and top notch quality.

Packaging Products

Global Market



Bag Types



Packaging Material

No.	Material Structure	Properties: Moisture Barrier	Oxygen Barrier	Oil Resistance	Frozen	Chemical Barrier	Aroma Barrier	Transparency	Light Barrier	Puncture Resistance	Application
1	PET/AL/LLDPE	E	E	G	G	G	G	P	E	G	Different food products, such as rice, tea and soup.
2	BOPP/CPP	G	P	F	P	F	F	E	P	P	Instant noodles, biscuits, confectioneries, and other snacks.
3	BOPP/LDPE	G	P	G	G	G	F	G	P	G	Instant noodles, frozen dim sum, snacks, power products and chocolate.
4	BOPP/PET/CPP	G	F	G	P	F	G	G	P	F	Different food products, such as rice and snacks.
5	PET/VMPET/LLDPE	G	G	G	G	G	E	P	E	G	Different food products, such as rice, soup, snacks, tea and fried food.
6	BOPP/VMCPP	E	G	G	P	F	G	P	G	F	Different food products, such as soup, snacks, tea and fried food.
7	BOPP/VMPET/CPP	G	G	G	P	F	E	P	E	F	Dry food and fried food, like potato chips, fried noodles, coffee and bread.
8	BOPP/VMPET/LLDPE	G	G	G	G	G	E	P	E	G	Different food products, such as rice, snacks, tea and fried food.
9	KOP/CPP	G	G	G	P	F	E	G	P	F	Different food products, such as rice, snacks, tea and fried food.
10	KPET/CPP	G	G	G	P	F	E	G	P	F	Cake, nuts, meat, tea and etc.
11	KPET/LLDPE	G	G	G	G	F	E	F	P	F	Products with high moisture, such as sauce, seasoning and cheese.
12	KNY/LLDPE	G	E	G	E	G	E	F	P	G	Cake, cheese, nuts,meat,tea, noodles and etc.
13	PET/VMCPP	F	F	F	P	F	E	P	G	F	Potato chips, cakes, nuts, tea, noodles and etc.
14	PET/VMPETI/CPP	G	G	G	P	F	E	P	E	F	Chocolate, confectioneries, noodles, tea, soup and scented products.
15	PET/VMPET/LLDPE	G	G	G	G	G	E	P	E	G	Different food products, such as soup and scented products.
16	MATOPP/AL/LLDPE	E	E	G	G	G	E	P	E	F	Different food products, such as soup.
17	MATOPP/VMCPP	F	F	E	P	F	F	P	F	F	Frozen food, snacks, fried food and etc.
18	MATOPP/VMPET/LLDPE	F	F	G	E	G	F	P	F	G	Frozen food, noodles, snacks, fried food, tea, soup and etc.
19	MATOPP/PET/LLDPE	G	G	G	E	G	F	P	F	G	Rice, snacks, fried food, tea, soup and etc.
20	MATOPP/VMCPP	G	G	G	P	F	G	P	G	F	Rice, snacks, fried food, soup, potato chips and etc.
21	MATOPP/VMPET/LLDPE	G	G	G	G	G	E	P	E	G	Snacks, fried food, soup, tea, chocolate, dim sum and etc.
22	MATOPP/NON-WOVEN	F	P	F	F	G	F	P	F	G	Aprons, table cover, tent and etc.
23	NY/LLDPE	F	F	G	E	E	G	G	P	E	Liquid, frozen food, pet food, curry, high acids and etc.
24	NY/PE/CMPS	F	F	G	E	E	G	G	P	G	Lidding film for jelly, tofu, cupped water and etc.

No.	Material Structure	Properties: Moisture Barrier	Oxygen Barrier	Oil Resistance	Frozen	Chemical Barrier	Aroma Barrier	Transparency	Light Barrier	Puncture Resistance	Application
25	NY/RCPP	F	F	E	E	G	G	G	P	G	Cup cover film, tofu, seal cover and etc.
26	NY/VMPET/LLDPE	G	E	G	E	E	E	P	E	G	Liquid, frozen food pet food, curry, scented products and etc.
27	OPP HEAT SEALABLE	P	P	F	F	F	F	G	P	F	Cake wrap, ice bar, confectioneries and etc.
28	PAPER/PE	F	P	G	G	G	F	P	G	G	Biscuits, dried seaweed and light products.
29	PE/PE	G	P	G	E	E	F	G	P	E	Hamburger, ham, meat and heavy products.
30	AlOXI/NY/RCPP	E	E	E	P	F	G	P	E	F	Rice bag, products with moisture, soup and etc.
31	PET/AL/RCPP	E	E	E	G	G	E	G	P	G	Clear retort, rice, noodles, soup and etc.
32	PET/NY/AL/RCPP	E	E	E	G	G	E	P	E	F	Concentrated soup, coffee, curry, rice and etc.
33	PET/NY/LLDPE	E	E	E	G	G	E	P	E	G	Retort pouch, tuna, rice, sauce, noodles, soup and etc.
34	KPET/CPP	G	G	G	G	G	G	G	P	E	Sauce, heavy products, pet food, vacuum pouch and etc.
35	PET/NY/RCPP	G	G	G	G	G	E	F	F	G	Retort pouch, soup, sauce, noodles and etc.
36	PET/PAPER/LLDPE	E	F	G	E	G	E	P	E	G	Tea, confectioneries, cakes, nuts, pet food, flour and etc.
37	PET/LLDPE	G	F	G	G	G	E	G	P	G	Yogurt, instant noodles, frozen dim sum, snacks, powder, chocolate and etc.
38	PET/VMCPP	G	G	G	P	F	G	P	G	F	Dry food and fried food, such as potato chips, nuts, pop corns and etc.
39	PVC SHRINK	F	F	F	F	F	F	G	P	P	Bottle wraps, cosmetics,bathroom products and etc.
40	PET TWIST	F	F	F	F	F	F	G	P	P	Confectioneries.
41	VMOPP	G	G	G	G	G	F	P	E	F	Gift wraps, desserts, snacks and etc.

Remarks: P Poor F Fair G Good E Excellent

For reference:Material barrier properties.

	OVTR	WVTR		OVTR	WVTR
OPP 20	1900	6			
OPP 30	1800	5.8	AL7	1	1.4
OPP 40	1700	5.5	AL9	1	1.1
PET 12	85	55	LLDPE 40	5000	18
NY 15	45	260	KOP 21	10	4
CPP 20	2000	6	KNY 17	8	12
CPP 30	1800	5.5	KPET 14	8	12
CPP 40	1700	5	PEARL 30	2200	9
VMCPP 25	25	1	MAT OPP 20	1900	6
VMPET 12	2	2	AlOx	3	3