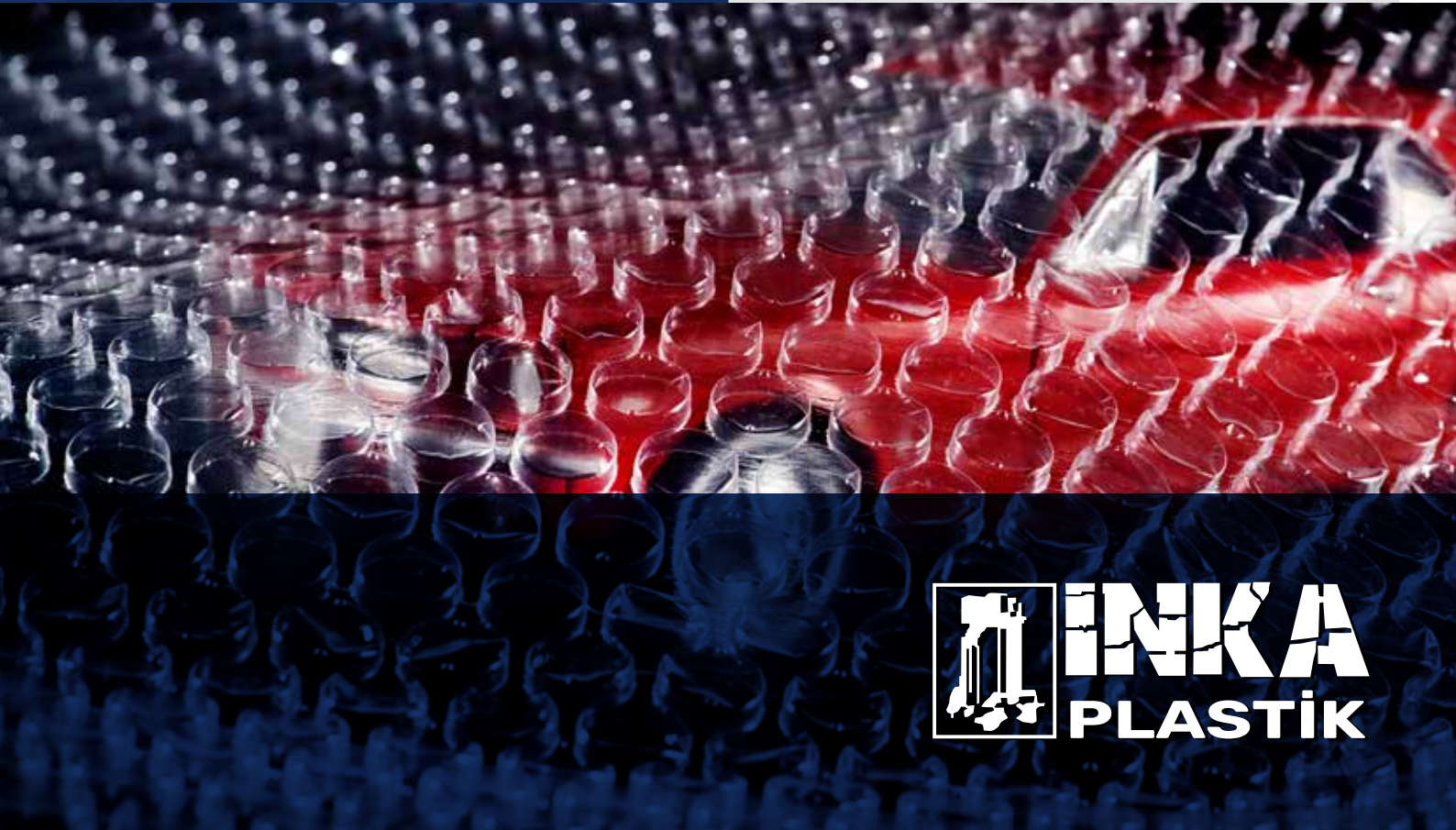


LD Recycling **PE** Film Production Air Bubble Film Production

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1980
INKA
Group



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03

About Us

Our company, which started operations with in Inka Group of Companies on April 11,2005, meets the demands of its customers for various air bubble film and PE films with an annual production volume of approximately 3,600 tons of air bubble film and PE film and 3,700 tons of granules in its factory with a closed area of 6500 square meters.

LDPE Recycling



04

LDPE Recycling

As Inka Plastik, our PE recycling line, which was established in 2015 to meet our own raw material needs, has become a pioneer in its sector with technological investments. Our quality and production capacity has increased, reaching 3,700 tons per year, with investments in laser filters, triple compact systems and washing systems. The industrial packaging waste procured from the country and abroad, are first classified according to their color after physical separation on the bands. Then it is divided into small pieces by shredder machine and sent to the washing line. After the washing line, the product is dewatered and sent to granule extruders. Then, it becomes granular by completely getting rid of the pollutants in it with the laser filter.

“Our quality and production capacity has increased, reaching 3,700 tons per year”



Near Prime Granules



Coloured Granules



Natural Granules It is generally obtained from clean, unprinted transparent wastes obtained from factory.

05

06





LDPE Granules Usage Areas

- > LDPE FILM
- > LDPE BAG
- > GARBAGE BAG
- > LDPE INDUSTRIAL PACKAGING
- > AIR BUBBLE FILM
- > PIPE AND FITTINGS
- > DRIP IRRIGATION PIPE
- > ELECTRICAL PIPE
- > PLATE PRODUCTION

07



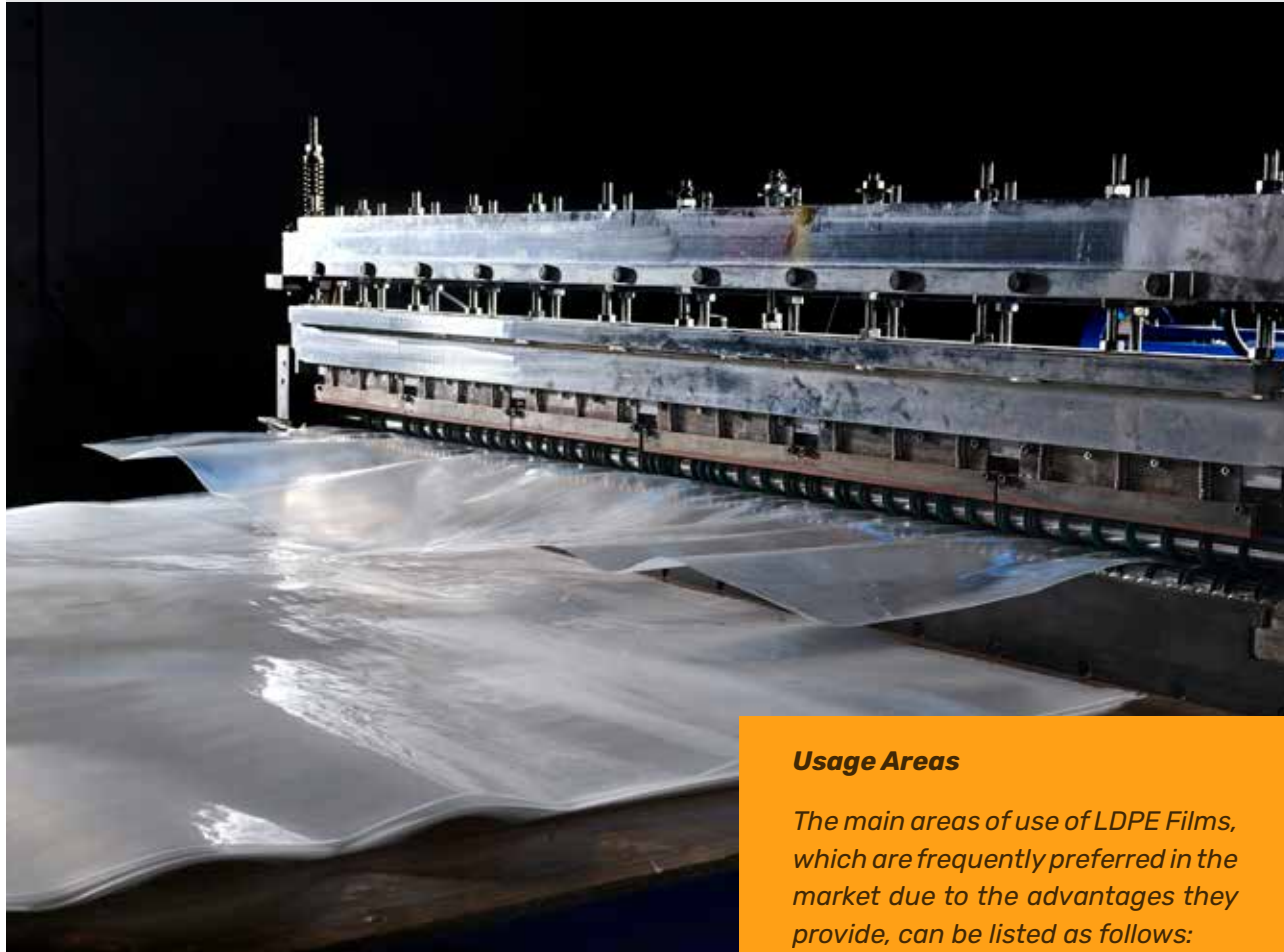
LPDE Film

08



LDPE Film (Low Density Polyethylene Film)

*“It has a high thermal
adhesion level”*



09

Usage Areas

The main areas of use of LDPE Films, which are frequently preferred in the market due to the advantages they provide, can be listed as follows:

Low Density Polyethylene (LDPE), is a kind of thermoplastic obtained from petroleum. Its density level is between 0.910 - 0.940 g/cm³ and it is flexible and transparent. LDPE FILM products have become one of the most preferred packaging materials thanks to the various advantages it offers.

Film Width : 20 cm – 300 cm between.

Film Thickness : 30 mic – 200 mic between.

Properties

It has a high thermal adhesion level.

It has extremely good optical and mechanical properties.

It is a 100% recyclable and environmentally friendly product.

Protects from moisture and dust.

It is economical.

It can be produced in different colors and features.

It is water resistant.



Shrink films shrink tightly over whatever it covers when heat is applied. The heat can be applied with a handheld heat gun, or the product and film can pass through a heat tunnel on a conveyor.

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LDPE Shrink Film

Film Width: 20 cm. – 300 cm. between.

Film Thickness: 30 mic – 200 mic. between.

The thickness of the film may vary depending on the weight of the load to be packaged, usage and storage conditions.

Properties

It is produced from low density polyethylene. (LDPE) It is transparent and shiny.

The desired color film can be produced. If desired, UV and antistatic additives can be added to the film.

It is in the form of a roll. The shrinking process is done using shrink lines and ovens.

Usage Areas

The main areas of use of LDPE Films, which are frequently preferred in the market due to the advantages they provide, can be listed as follows:

Soft drink industry - Electrical and electronic equipment - Home appliances - Toys

It can be used for transportation and storage of almost any product.

Pallet Cover Shrink Bag

Film Width: 50cm – 300cm. between

Film Thickness: 30mic-200mic. between

Bellows: 5cm-70cm. between

Properties

It is produced from low density polyethylene. (LDPE)

It is used to protect all kinds of palletized products from the harmful effects of air such as sun, rain and dust.

It tightly wraps the product inside and prevents the pallet from falling apart.

It is flexible and strong, wraps around sharp edges without tearing in packaging with Pallet Cover.

It is suitable for automatic or manual use. It is transparent and shiny.

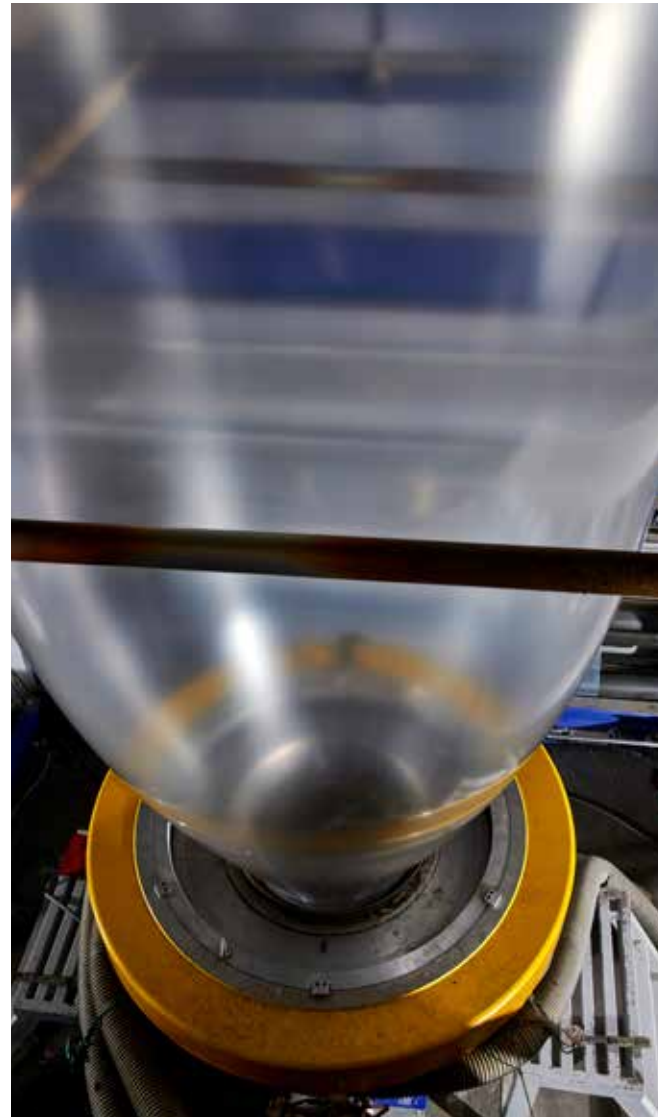
The desired color film can be produced. If desired, UV additive can be added to the film.

With UV additive, high durability and long life in storage are obtained.

Optionally, Antistatic can be used to prevent static. Antiblock can be used to prevent blocking.

It is resistant to high temperature. It is in the form of rolls or bags, depending on the usage.

The shrinking process is done using shrink lines and ovens.

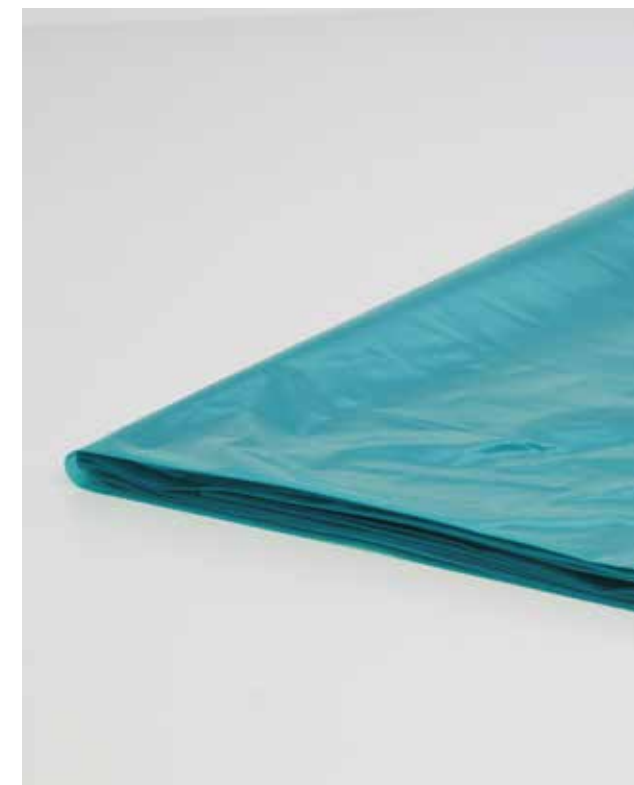


“In addition, we produce industrial garbage bags, medical waste bags, heavy rubble bags, silage bags in various sizes and colors.”

Carry Bags - Garbage Bags Agricultural Bags

It is an economical solution that is widely used to facilitate the packaging, packaging, storage, transportation and transportation of palletless products and to protect the products against external weather conditions. Industrial PE bags are preferred in many areas due to the special production of the desired features and sizes according to the order. It can also be used with other packaging such as cardboard parcels, barrels, boxes.

In addition, we produce industrial garbage bags, medical waste bags, heavy rubble bags, silage bags in various sizes and colors.



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Cover Film

Polyethylene (PE) covering film produced in various sizes and lengths are ideal for large area applications and uses. The usage areas of the covering film vary in order to be used in covering large size products or in works spread over a wide area. It is also used in constructions to protect the floor from dust.

Constructional Film

Film is used by spreading on the ground before pouring the field concrete in the construction industry. It prevents the rapid drying of the concrete and minimizes the cracks in the concrete. It is usually produced from recycled material.

Mattress Film Bags

It can be produced in accordance with gusseted perforated bags or automatic machines in accordance with the bed dimensions.

LDPE Air Bubble Film



LDPE Air Bubble Film Production

It is a packaging material that is laminated by forming a bubble intermediate layer between two layers of polyethylene film. In this way, it acts as an air cushion around the products it is wrapped around and ensures that your products are protected from all kinds of weather conditions and impacts.



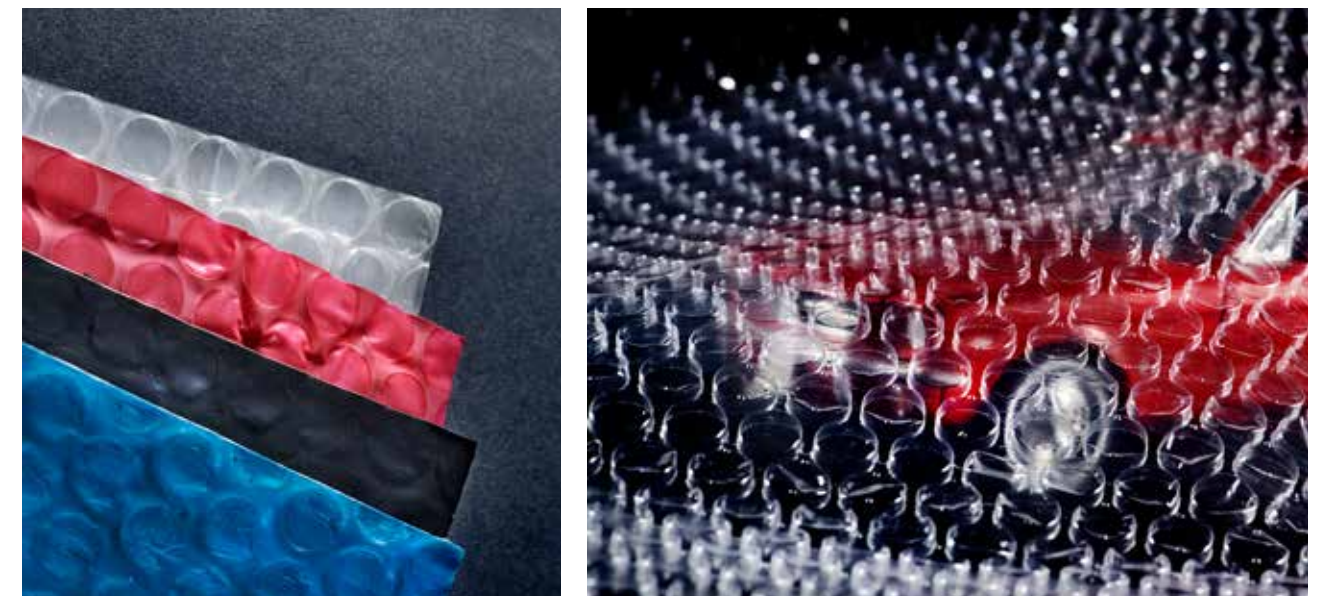
Air bubble film packaging has become one of today's indispensable protective packaging products due to its importance in the marketing of the final product.

Air bubble films are produced in Original (1st Quality) and various qualities obtained from recycling.

Air bubble films are produced as 2-layer and 3-layer (sandwich) according to customer request.

Air Bubble Film

Air Bubble Film rolls are products that we produce and stock in various qualities and sizes. They are highly preferred products with easy use and providing an economical packaging solution.



Balloon Diameter	Balloon Height	Weight	Product Quality and Stock Options
10 mm	5 mm	90 gr/m ² 135 gr/m ²	We have in stock in various sizes between 100cm - 200cm. In addition; it can be produced in desired dimensions from 10cm to 200cm wide.
10 mm	5 mm	From 120 gr/m ² 'den 250gr/m ²	It can be produced in desired dimensions from 10 cm to 200 cm wide.
20 mm	7,5 mm	From 120 gr/m ² 'den 250gr/m ²	It can be produced in desired dimensions from 10 cm to 200 cm wide
20 mm	7,5 mm	From 160 gr/m ² 'den 300gr/m ²	It can be produced in desired dimensions from 10 cm to 200 cm wide

Laminated Air Bubble Film

One or more materials (Printed film, Paper, PE Foam, Aluminum foil, Nonwoven Fabric, etc.) are coated on air bubble film with heat treatment to increase the strength of the material, to provide barrier properties, to obtain soft-touch surfaces or for advertising purposes. is an applied method.

Applications

-Printed Film Lamination -Kraft and Sulfit Paper Lamination -Single and Multilayer Aluminum Lamination -P.E. Foam Lamination - P.P. Nonwoven Fabric Lamination

Usage Areas

- Furniture Industry - Electrical and Electronics Industry - Panel Radiator Industry
- Automotive Industry - Goods Transportation (instead of blankets in the house-to-house transportation sector) - Hand and home appliance manufacturing industry.

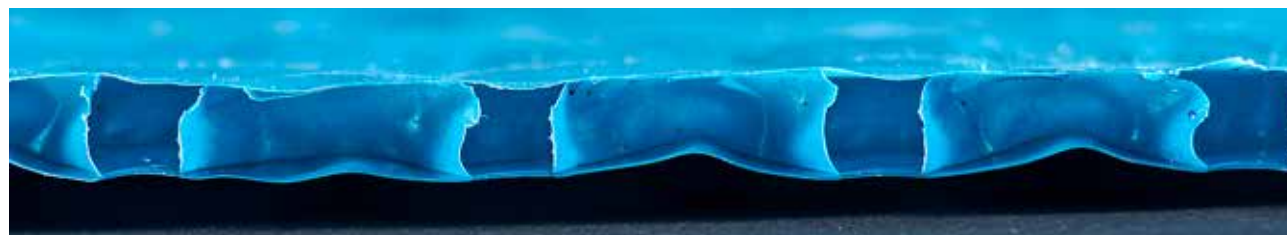
Air Bubble Film Bag - Sheets

In order to provide both protection and a beautiful presentation to your sensitive product, bags are produced according to the most suitable size for your product.

First of all, the jumbo size air bubble film rolls, which are produced as semi-finished products in the desired dimensions, are produced in the desired dimensions as perforated rolls or in bulk, by gluing the required parts with a bag machine.

Usage Areas

- Furniture and Woodworking Industry - Electrical and Electronics Industry - Automotive Industry - Hand and home appliance manufacturing industry - All industries requiring packaging



Other Products



Plastic Core

Plastic core is the product on which the roll films we have produced are wrapped. They are water and moisture resistant. Thus, they ensure that the material wrapped on it is used to the end. Plastic cores can be used many times as they are not affected by water. They are extremely resistant to impacts and can continue their functions in a healthy way even if they are hit. They are very easy to recycle and can be processed and reused in plastic production.



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Stretch Film

It is a practical and economical method of wrapping and packaging. Stretch films produced from polyethylene raw materials protect products with or without pallets against wetting, dusting and scattering. Stretch films are produced with superior technology and are resistant to tearing. It has the feature of stretching and elongation. It provides the opportunity to make packaging manually or by machine.

Features of Stretch Film

- These products can be produced with single or double-sided adhesive, internally or externally slippery U.V additive.
- Stretch Film can be stretched up to 300% in automatic wrapping machines.

Duct Tape

It is suitable for closing all kinds of parcels and packaging materials.

Duct Tape is mostly used in packaging and packaging works, integrated facilities that make mass production prefer long-length duct tapes, companies that prefer to use it with hand apparatus or by hand generally prefer standard size duct tapes.

Adhesion strength is high.

It opens easily from its own surface.

There are duct tapes in different sizes and features.



Usage Areas

- Box Closing
- Packaging Closure
- Adding
- Grouping
- Bundling

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