



[www.endipak.com](http://www.endipak.com)

## Who we are?

### Packaging Solutions For Future

As a leader brand of Turkey we start to produce quality material packaging on 1991 in 150m2 workshop. Today we are producing our productions with hygienic equipments in 2000m2 facility with 35 employee stronger than before.

We have achieved this with rational management, a conscious team, and hard work; we have strategically increased product range in addition to improving productivity and quality by investing in new technologies all the time.

With an expert staff specialized in flexible packaging and barrier films, we offer and provide packaging solutions of high quality, including multi-layer flexible packaging options, to leading companies from all over the world.

We never compromise on quality in our production, and we are a solution partner that develops environment-friendly and ecologically sustainable solutions. We are proud to be the first company in the world to develop retort packaging suitable for recyclable sterilization.



## Food Packaging

### Meat - Seafood - Dairy Packaging

Medium-barrier (PA) to high-barrier (EVOH) packaging should be used to keep perishable sensitive products such as fresh or cooked meats, seafood, cheese, milk and yoghurt fresh and to extend shelf-life. We can manufacture special barrier films and make high quality printing on the products that our customers pack, and we are the number one packaging manufacturer in this product category in Turkey. In addition to the most commonly used structures such as PET // COEX PA and PET // COEX EVOH, features such as anti-fog, reclosable, paper touch, high partial covering and easy peeling can be added to the packaging.



### Frozen Food Packaging

There is no need for high-barrier packaging for frozen products. The packaging that we manufacture with the effect of matte or paper touch on alternative materials using the cost-effective, high-resolution flexo and rotogravure printed PE // PE or OPP / OPP lamination technique will make your product easy to distinguish from others.

### Snacks / Nuts Packaging

Although normal PET // PE compounds are still in use, the new packaging trend for products such as peanuts, chips, dried foods and chocolate is high-barrier films or pouches. We usually use co-extruded high-barrier films to preserve the freshness and fragrance of your product, in addition to providing an extra 3 to 4-month shelf-life. Our high-barrier packages, which can be rotogravure or flexo printing, increase the attractiveness of your product on the market shelves.

## Food Packaging

### Coffee and Tea Packaging

High barrier combinations with three or four layers are suitable for products such as granule or roast coffee, tea and yeast.

### Ketchup, Mayonnaise And Mustard Packaging

High performance and continuity are important in packaging machines for seasonings. Our special extrusion formulas can increase the efficiency of your machine. Metal films are mostly used in this category to extend the shelf-life of the products and protect them from light.

### Powder Packaging

Various materials are used in the packaging of powder products such as protein powders, ground spices, milk powders, and ground coffee. Films with high-barrier and anti-static properties are recommended for edible powder products, and aluminum/metalized film combinations can be used optionally. We can recommend flat bottom/box pouch, quadro and doypack pouches, especially for coffee packaging. The packaging can also be kraft paper or with a paper effect.

### Paper Packaging with Window

We producing tea or coffee packaging with paper. With this packages we using high barrier technology.

### Snack Foods Packaging

Double layer laminates mostly with one metalized layer are especially used for snack foods like crispy potato chips, corn chips, extruded snacks and peanuts.



## Food Packaging

### **Bread and Fresh Food Packaging with Window**

Hot-needle micro-perforated clear BOPP films, wicketed bags out of BOPP, CPP and PE are used to pack many different types of bread and bakery products, fresh vegetables.

### **Dried Foods & Pasta Packaging**

Reverse printed BOPP laminated with CPP or PE are the double layer films used for legumes, dried fruits, pasta, macaroni, noodles, species, herbs, salt and sugar.

### **Sugar and Chocolate Confectionary**

Single and double layer laminates optionally with cold seal application are used for chocolates, chocolate covered bars, wafers, cereal bars, candies and ice cream.

### **Biscuits & Cake Packaging**

Single and double layer laminates optionally with cold seal applications are suitable for all kinds of biscuits, cookies, cracker, rusky bread and cakes.



## Non-Food Packaging

### Cosmetics Packaging

As Endipak, we supply packaging materials to the largest wet wipe manufacturers in Europe. As the products filled into our packages usually contain alcohol, we meet the expectations of the industry with our specially formulated packages and our rotogravure printing experience.



### Fertilizer And Pesticide Bags

We have many years of experience in manufacturing matte or glossy PE // PE laminates. We manufacture packaging materials with non-slip PE solutions that allow the packages to be piled up easily.

### Chemicals & Hygiene Products

Single or double layer rolls and bags out of PE and/or CPP to be used for detergent, fertilizers and idverse chemical products. Wet pipes, refreshing towels, napkins to pack in single, double and three layer films.





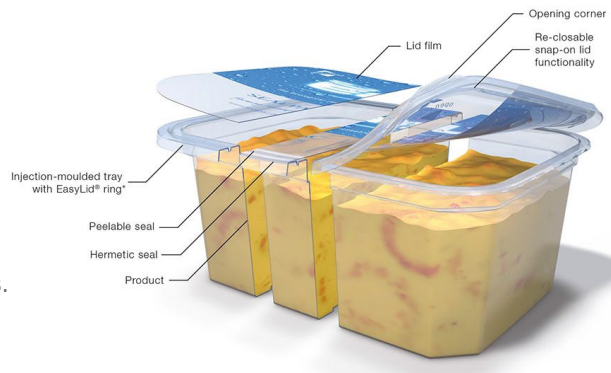
## Roll Film Solutions

### Automatic Vertical Packaging Films

We are producing roll films for suitable any kind of automatic packaging machines.

### Lidding Films

We can offer high barrier lidding to thermoform packaging machines, in addition to top film solutions for various high performance printed and unprinted applications. You can browse other categories for our special formulation solutions.



### Forming Films

Our bottom foil, which has a stable deep stretching performance and a high level of clarity, is manufactured as printed and with a photocell system to function with the lidding.

### Re-closable Films

With our Resealable lidding film solutions with proven performance, we provide the ease of opening and closing to end-users, in addition to extending the product life.

### Fill Form Seal Films

Our high-performance films with special formulations suitable for vertical packaging (VFFS) and horizontal packaging (HFFS) machines (Quadro, pillow, doypack, etc.) are also manufactured in our facilities.

## Roll Film Solutions

### Alu Seal Film

We manufacture an easy-to-open sealing film to a special aluminum rigid container.

### Pet Seal Film

We manufacture proven lock seal and easy peel top film solutions for PET trays.

### Universal Peel Film

If you are looking for a single lidding film solution that can seal different materials, you can ask for more information about our Universal Peel film.





## Premade Pouches

### 3 Side Seal Pouches

We can produce any type and any size of packages.

### Doypack

We can manufacture doypack pouches, which can freely stand on the shelves thanks to the bellows at the bottom, in requested structures and sizes using our latest technology machines.

### Quadro Pouches

We can manufacture side gusseted quadro pouches in requested structures and sizes.

### Folded Bottom Pouches

We can manufacture Folded Bottom Pouches , which are used mostly for petfood packaging. One of the most important features of these pouches is that they can stand flat on the shelves as the bottom of the pouch is folded.

### Back Seal Pouches

We can manufacture Back Seal Pouches in requested structures and sizes.

### Flat Bottom Pouches

The products packaged in flat-bottom bags, with bellows on boths sides and at the bottom, gives a more exclusive feeling on the shelves. Moreover, another advantage of this product is that it requires 12% less packaging material compared to doypack pouches concerning the product volume thanks to its shape.



## Sustainable Packaging Solutions

### Laminated with PE Recyclable Packaging

We are producing recyclable packaging according to customers expectations with our wide range solutions!

Recyclable packagings can be produce as film or package. For keep fresh your produtcs also we can produce with oxygene barrier.



### Mono PE Reels and Premade Pouches

Polyethylene (PE) is an important cost-effective material that can be easily obtained and recycled. However, PE has a low melting point and stretches easily. This makes it a difficult material to shape and print on as a mono material solution. We worked for more than two years to achieve our goal of becoming a leading mono PE stand-up pouch manufacturer. We developed our own PE film, which is more durable than a normal PE, and invested in technologies that enable stable production with this flexible material. This solution is also available with a high barrier option. Today, we manufacture millions of pouches every month, and the materials we use have a “recyclable” certificate issued by authorized institutions in Europe.

High Barrier PE / PE Recyclable Packages  
Barrier-free PE / PE Recyclable Packages

### Mono PP Reels and Premade Pouches

Polypropylene has been on the market since 1954. It is the second most manufactured commercial plastic after polyethylene. If necessary, we can convert it into mono material pouches and film. It is easier to work with this material than polyethylene. This material is recyclable in Europe.

## Sustainable Packaging Solutions

### Neo Packages

The patented chemical additive NEO, which is obtained from Canada, is specifically designed to increase the efficiency of energy-generating plants by collecting methane gas from waste silos which are widely used in North America. It can be easily added to PET, PE, PP, and high barrier combinations, in addition to normal structures.

### Green Solution in Packaging: BIO PE

How about using Biopolyethylene (also known as renewable polyethylene) made from sugarcane instead of using a oil-based PE film? One of the most important features of this product is that the raw material of the product is not oil. Sugarcane, a renewable resource, consumes CO<sub>2</sub> in the air compared to oil that releases O<sub>2</sub> into the atmosphere. 1 ton of Green Polyethylene extracts 2.15 \* tonnes of CO<sub>2</sub> from the atmosphere. You can add "I'm Green"™ logo on your products by using at least 51% BIO PE.

\* LCA Study conducted by E4tech and LCA studies



## Solution Partner for Labels

Any size, any shape, depend on your expectations.

A photograph showing a long line of HP DesignJet Z9000 large-format printers in a factory setting. The printers are dark grey with white top sections and are arranged in a row, receding into the background. The factory floor is light-colored, and the ceiling has industrial lighting and pipes.



## A collection of various rolls of labels and stickers. There are several rolls of white labels with different designs, including some with text and some with images. There are also rolls of yellow labels and rolls of colored labels (red, green, blue, and purple) with various designs. One roll of white labels is unrolled, showing a series of labels with text and images. The labels are arranged in a cluster, with some rolls standing upright and others lying down.

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## Packaging Specifications



### Air Holes

Allow the air inside to outflow, thereby preventing pouches from exploding.



### Anti Fog

It is a process that prevents fogging in films.



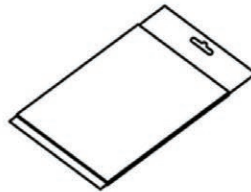
### Corona Treatment

It is a heat treatment procedure that ensures the durability of expiry date imprinted on the packaging.



### Easy Opening

With the application of laser scoring process, proper opening of package through the notch is ensured.



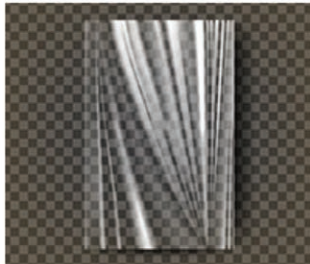
### Euro Hole

It is the hole that allows pouches to be displayed on the hangers at sales points.



### Front Zipper

It is a zipper application that allows packages to be opened from the front side.



### Glossy

It makes your product easily noticed on the shelves by making packaging surface look glossy.



### Handles

These are patch & punch out holes that enables holding pouches easily.



### High Barrier Laminate

It is a high barrier packaging solution. It is used in pouches and films and prevents oxygen ingress.

## Packaging Specifications



### K-Seal

It is the triangular-shaped mold that is used in doypacks and allows the bottom bellows to be connected with the pouch.



### Laser Score Microperfoation

Microperforations made using laser technique provide ventilation and extend the shelf life, especially of vegetables.



### Medium Barrier Laminate

It is a medium barrier packaging solution. It is used in dairy products, especially in cheese etc. and prevents oxygen ingress.



### Paper Touch

It allows the package to be opened easily from the edge.



### Peelable

Microperforations made using laser technique provide ventilation and extend the shelf life, especially of vegetables.



### PP Zipper

It is a heat resistant zipper solution.



### Printed

It offers a design with matte surface.



### Round Seal

It is the round-shaped mold used in doypacks that allows the bottom bellows to be connected with the pouch.



### Round Corner

It is a packaging solution that does not contain sharp edges. It is the technique of rounding the four corners of pouches.



## Packaging Specifications



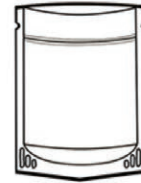
### Senso Grip

It provides easy opening and closing with triple (three-canals) zippers. It prevents air flow into the pouch when zipped.



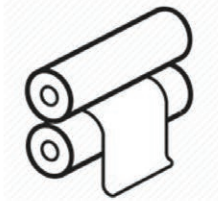
### Soft Matte

It offers a design with matte surface.



### Tear Notch

These are the notches for opening the package and do not require scissors.



### Unprinted

Unprinted packaging products are also available to our customers.



### Zipper

It is suitable for the packaging of delicatessen products where sealing is very important in terms of hygiene and freshness.



### Weld Seal

It is the packaging zipper that makes it easy to open and close the product.

## Design

### **Creative Solutions**

We provide creative solutions for packaging design with our design team within our graphics department. We meet the requests for this field under the main groups of logo design and packaging design. You can call us to get detailed information about logo and packaging design processes.

### **Logo Design**

- Preliminary research
- Presentation of logo alternatives
- Possible revisions to the selected design
- Creating a color story
- Logo delivery in different formats (vectorial, jpeg etc.)

### **Packaging Design**

- Market research
- Packaging design related to the concept
- Presentation with packaging design alternatives
- Possible revisions to the selected design



## Production Process

### **Pre-Printing**

When it comes to seeing the printing that the customers dream of on their packaging, our graphics department with years of experience, high sensitivity and great communication, have everything required to setup your artwork for the best results possible, both in gravure and flexo. Our error-free production begins with the artwork re-production phase.

### **Extrusion**

Our deep expertise in this field enables us to focus on the needs of each of our customers, provide financial advantages, and most importantly, offer environment-friendly solutions.

### **Printing (Rotagravure)**

We offer printing services up to 9 colors with a printing technique that we can print the most vivid colors to the most-known and widely producing companies of the market. Partial lacquering option is also included in our services.

### **Printing (Flexo)**

We can print up to 10 colors with a high-quality printing technique that can be applied to all ranges of manufacturing volume.

### **Lamination**

It is a process that enables us to form 4-layered structures resistant to pasteurization and sterilization, as well as simple solvent-free processes. It is also possible to use a paper layer.

### **Curing Period**

Laminated products should be cured rest for 2-7 days.

### **Quality Control**

All of our products undergo frequent and rigorous quality control at every stage of production to ensure that the specifications of our customers are completely met.

### **Pouch Manufacturing**

We can manufacture different types of pouches. Stand-up pouches with different types of zippers, flat bottom pouches called “box pouches”, quadro pouches with folded bottom and side gusseted pouches.

## Sustainability

### Ecologically Sensitive Green Solutions

As ENDIPAK, we are a leading solution partner in the flexible packaging market who can offer single polymer materials in different forms. We are also the leading company that surpasses the global players in the industry with this production that was commercialized in 2019. This is not just an R&D work. It is also a critical step for the sustainability goals of future generations.

Without compromising our sensitivity to nature in all processes from research and development to production, we have been, and we will be in domestic and foreign markets, adopting a sustainability approach with our packaging products that can be recycled or composted.

#### WHAT MAKES A PACKAGE **SUSTAINABLE**?



## Sample Designs



## Sample Designs





## Sample Designs



## Sample Designs



## Sample Designs



## Sample Designs





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