

INDUSTRIAL SOLUTIONS



HELLAGRO®
QUALITY • VALUE • INNOVATION



INDUSTRIAL SOLUTIONS

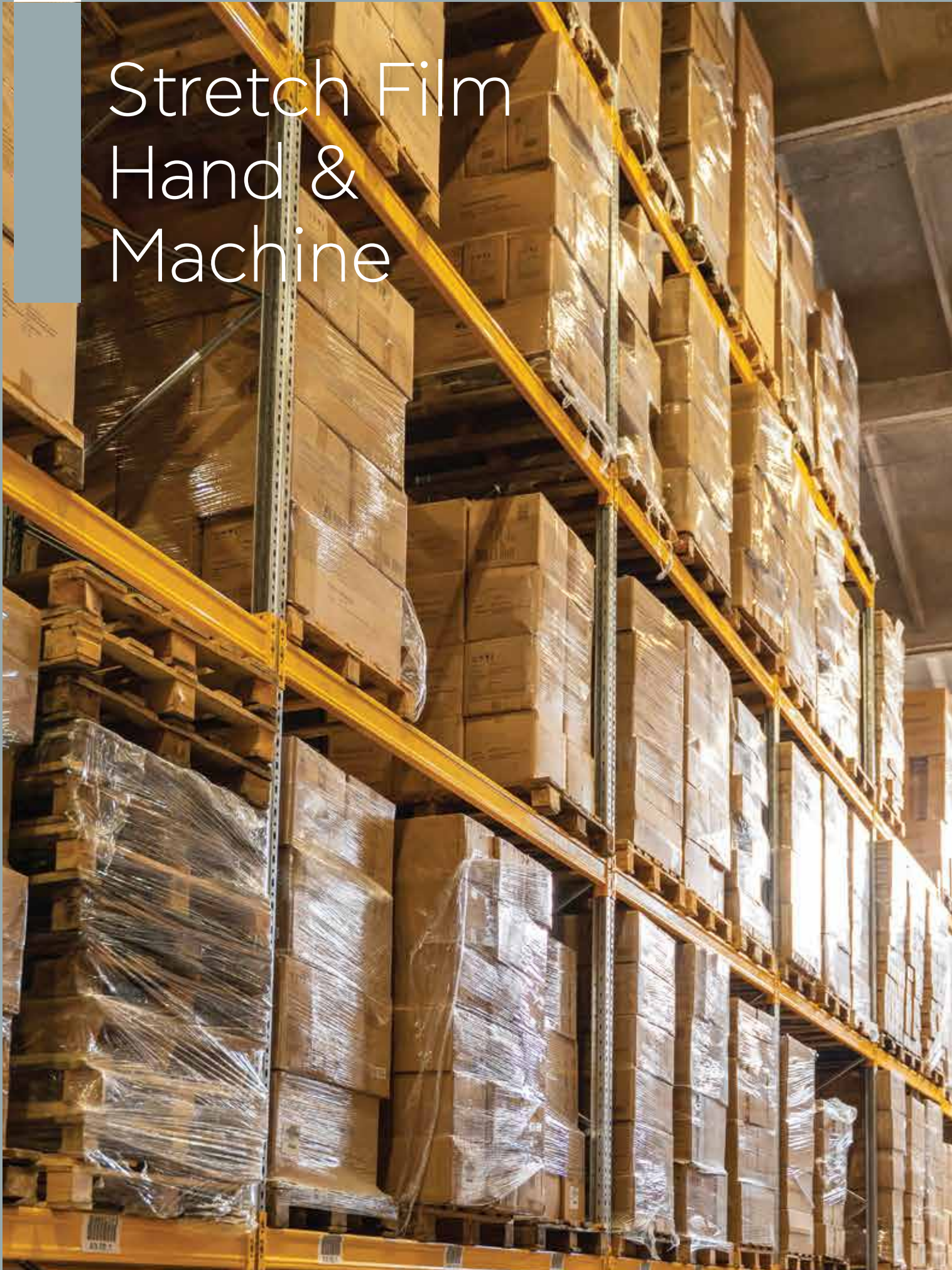
The industrial packaging solutions provided by HELLAGRO reflects our commitment to delivering quality and reliability.

Our products are certified, offering clients the assurance we are compliant with the highest standards of quality and safety. We continually seek the most innovative methods to ensure that our products are durable, reliable, and effective for the packaging and transportation of goods.

Our aim is to deliver bespoke packaging solutions that meet the unique needs of each client. Whether for small batches or mass production, HELLAGRO S.A. possesses the expertise and experience to provide tailored solutions that enhance efficiency and safety in the industrial sector. At the same time, we actively promote practices geared towards the continuous improvement and provision of sustainability within the industrial sector.



Stretch Film Hand & Machine



Standard Stretch Film



ADVANTAGES

- ✓ High and consistent quality
- ✓ Consistency of technical specifications (manufacturer, thickness, weight, length, core, box composition, palletisation)
- ✓ Rolls without the need for rewinding or any additional processing
- ✓ A wide range of film types for every application
- ✓ Technical support for studying and identifying the most suitable film, aiming at maximum cost reduction per pallet

The Standard Machine Stretch Film is suitable for simple wrapping machines with pre-stretch capabilities of up to 150%, while the Standard Hand Stretch Film is suitable for all applications.

Type	Thickness (µm)	Roll Width (mm)	Roll Weight (kg)	Extensibility	Quantity per Pallet	Colour
MACHINE	9 up to 30	500	16	150%	736kg	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
HAND			1.6 - 3.3	up to 100%	360 rolls	

Eno XTrem Stretch Film – Technical Multi-Layered

The Eno XTrem Technical Multi-Layered Stretch Film is a high-strength stretch film suitable for simple machines with limited pre-stretch capacity. The combination of low thickness and exceptionally high strength ensures cost reduction, even for heavy-duty applications such as cement, animal feed, flour, etc.



ADVANTAGES

- ✓ Available in rolls with a greater total length, enabling cost reduction
- ✓ Features a lighter core than conventional ones, thereby reducing the roll's cost
- ✓ Its increased strength makes it the ideal solution for cost reduction in any application
- ✓ Ensures consistency of its technical specifications (manufacturer, thickness, weight, length, core, box composition, palletisation)
- ✓ Available in rolls without the need for rewinding or any additional processing

Type	Roll Width (mm)	Roll Weight (kg)	Thickness (µm)	Colour
MACHINE	500	≤19	9 and 11	<input checked="" type="checkbox"/>
HAND	500	2.3		

High Pre-Stretch Machine Film

**Thickness (µm)** 12 up to 23**Roll Width (mm)** 500**Roll Weight (kg)** 16**Extensibility** From 160% up to 350%**Colour** 

The High Pre-Stretch Machine Film is suitable for wrapping machines with pre-stretch capabilities. Such machines enable the extensibility of the film during use, increasing its length and reducing the cost per pallet.

ADVANTAGES

- ✓ Increases the final roll length by at least two times
- ✓ Uses less stretch film for wrapping, consequently reducing stretch film cost per pallet
- ✓ Consistency of technical specifications (manufacturer, thickness, weight, length, core, box composition, palletisation)
- ✓ Rolls without the need for rewinding or any additional processing
- ✓ A wide range of film types for every application

Ultra-High Pre-Stretch Machine Film

**Thickness (µm)** 12 up to 23**Roll Width (mm)** 500**Roll Weight (kg)** 16**Extensibility** up to 300%**Colour** 

The Ultra High Pre-Stretch Machine Film is suitable for automated wrapping machines with very high pre-stretch capabilities. Such machines enable the extensibility of the film during use, increasing its length and reducing the cost per pallet.

ADVANTAGES

- ✓ The ultra-high pre-stretch capability during machine use increases the final roll length by more than three times
- ✓ The extensibility ensures the use of less film for wrapping, thereby reducing film cost per pallet
- ✓ Consistency of technical specifications (manufacturer, thickness, weight, length, core, box composition, palletisation)
- ✓ Rolls without the need for rewinding or any additional processing
- ✓ A wide range of film types for every application

Pre-Stretched Film

The Pre-Stretched Film, for machine or hand use, is suitable for simple wrapping machines, achieving lower costs per pallet. It is also available with a special outer anti-slip coating.



ADVANTAGES

- ✓ Better load stability with less consumption (up to 50%) compared to traditional films, aiming for lower costs and a smaller environmental footprint
- ✓ Cost and waste reduction
- ✓ Easy application
- ✓ More metres per roll, contributing to fewer roll changes
- ✓ Improved working conditions for operators, as less force is required during application
- ✓ A range of specialised materials to meet every unique need and application

Type	Roll Width (mm)	Roll Meters (m)	Thickness (µm)	Colour
MACHINE	390	up to 4200	5 up to 9	
HAND	up to 500	600 up to 1200		

Perforated Stretch Film

Perforated Stretch Film is an innovative product characterised by its perforated surface, which enables ventilation of the packaged goods. This feature retains all the properties of regular Stretch Film while meeting the requirements for use in cold storage and other special applications. It is available for both hand and machine use, suitable for simple and automated machines.



ADVANTAGES

- ✓ Reduced time for cooling and ventilating products
- ✓ High stability and secure sealing
- ✓ Reduced waste volume, therefore lowering handling costs
- ✓ Environmentally conscious option as it is fully recyclable

Type	Roll Width (mm)	Roll Length (mm)	Colour
MACHINE	480	up to 4000	
HAND		600	

Palletising Materials



Edge Protectors



Edge protectors enhance the packaging and protection of goods during transportation. They are available in cardboard or plastic in various sizes (pre-cut or in customised lengths) and types (wrap-around, puzzle), printed, coloured, or unprinted, depending on the application.

The specifications of ELTETE's cardboard edge protectors comply with the European Standard EN 13393. The cardboard protectors are made from virgin paper (fullkraft) of consistent quality.

Width / wing span (mm) 30 / 35 / 43 / 45

Thickness (cm) 3 / 3.5 / 4

Length (cm) from 95 up to 230

Colour ☐ ☒

ADVANTAGES

- ✓ Exceptional strength
- ✓ Water-resistant, especially for conditions of high relative humidity (e.g., fruit packaging facilities)

Palletising Nets

The palletising net is made from polyethylene (HDPE) and comes in three types: standard hand net, machine net, and elastic machine net. It facilitates air circulation and is widely used in the packaging of agricultural products. It is ideal for use in cooling environments, especially for dairy products, fresh fruits and vegetables, as well as ornamental plants.



ADVANTAGES

- ✓ Provides maximum protection
- ✓ Cost-effective solution
- ✓ Easy to use



Type	Dimensions (m)	Packaging	Colour
HAND	500	6 rolls/box	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
MACHINE (PLAIN & ELASTIC)	3500	30 rolls/pallet	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Plastic & Metal Strapping

Pallet strapping offers a reliable and secure packaging choice, ensuring the stability of loads throughout the transportation process. It is suitable for manual, semi-automatic and automatic applications, depending on the equipment used.

POLYPROPYLENE STRAPPING

Made of superior quality and high durability, offering cost efficiency and excellent functional characteristics.

WOVEN STRAPPING FOR RECYCLING PRESSES

Made from polyester, this strapping is highly recommended for outdoor use (e.g., in the timber industry) and for securing loads. It is waterproof and can withstand temperatures up to 60°C. It can be applied manually, using a tensioner, and accepts a safety buckle for secure fastening.



METAL PACKAGING STRAPPING

Designed for manual and air strapping machines, available in single ribbon or large rolls (oscillated). Additionally, galvanised and stainless-steel options are also provided.

POLYESTER PET STRAPPING

Thanks to its exceptional mechanical strength, it is used for the most demanding applications and is available in various types (smooth & embossed) for use in manual, battery-powered, semi-automatic and automatic strapping machines.

- » Made from recycled materials and recyclable after disposal
- » Elasticity to absorb shocks
- » Maintains maximum holding strength, provides excellent wrapping, and exhibits minimal creasing
- » Remains unaffected by tightening and oxidation over time, without loosening or rusting
- » Protects the operator from cuts caused by the strapping

Type	Width (mm)	Thickness (mm)	Inner cylinder diameter (mm)	Colour
PLASTIC PP	5 - 19	0.30 - 1.00	200 and 406	
PLASTIC PET	9 - 32	0.50 - 1.27		
METAL	13 - 32	0.40 - 0.90	Single or Triple flange	

Strapping Buckles

Strapping buckles are metallic and available in various types, depending on the type of strapping machine used. They are compatible with PP, PET and metal strapping; safety buckles are also available for woven strapping.

Type	Dimensions (mm)	Packaging
FOR PLASTIC STRAPPING	13 / 16	2,000 pieces/box
FOR METAL STRAPPING	9 / 13 / 16 / 19 / 25 / 32	



ADVANTAGES

For simple manual strapping machines, the buckles are designed with serrations for better application onto plastic strapping



Extruded Nets

Extruded nets are made from extruded tubular mesh and are suitable for use in both vertical and horizontal packaging machines, as well as for manual application.

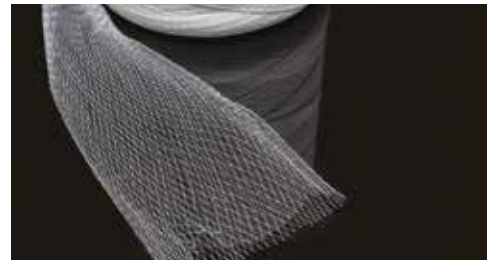
They can be placed around components (e.g., spare parts, furniture parts, etc.) and products to protect them from scratches, damage, and wear during transport and storage. Additionally, they can be used to cover and protect shipping containers and pallets during transit, as well as provide an additional layer in product packaging for protection against moisture and dust.

For manual use, pre-cut mesh pieces with sealed bottoms are also available for ease of application.

ADVANTAGES

- ✓ High durability
- ✓ Can be customised with various features (e.g., colour, mesh opening, rigidity)

Packaging in roll format



PE Pallet Bags



PE pallet bags are made from polyethylene and are rainproof. They prevent the ingress of dust and moisture into the load, while their transparency allows visibility of the contents. They are suitable for ensuring the protection of pallets and their loads during transport and storage.

ADVANTAGES

- ✓ High resistance to moisture
- ✓ Easy to place and secure onto pallets

Material Polyethylene

PE Film

PE film (top cover) is made from polyethylene and is used as a cover in pallet packaging to protect against dust, rain, moisture, and wear. Additionally, it can be used as a cover for protecting construction materials and devices stored outdoors. Available with UV protection, printable options, and coloured films.



ADVANTAGES

- ✓ Highly durable and flexible material
- ✓ Cost-effective solution for protecting items

Dimensions Various

Packaging rolls or pieces

Colour ☐



GRIP FIX™ Adhesive System

The GRIP FIX™ pallet stabilisation adhesive system is an innovative German product suitable for securing pallets with goods packaged in any of the following ways:

- » Polyethylene sacks (PE)
- » Paper sacks
- » Cartons
- » Cellophane (PE) or shrink film (PE)
- » Woven sacks (PP)
- » Small packages made of paper, plastic, or combinations thereof

Pallets secured with the GRIP FIX™ adhesive system remain stable during palletising (whether done manually or on automatic palletising lines), transport, and delivery to distribution centres.



ADVANTAGES

- ✓ Provides high shear strength and very low peel strength
- ✓ Packaging can be easily separated
- ✓ Leaves no residue after depalletising
- ✓ Contributes to minimising product waste
- ✓ Plant-based and water-soluble, with zero environmental footprint
- ✓ Available in at least 90 different types to meet every possible need

Pallet Divider Sheets



ADVANTAGES

- ✓ Help effectively protect products throughout the supply chain

Material cardboard or plastic

Dimensions (cm) 80 x 1.20 / 100 x 1.20 and more

Pallet divider sheets are thin sheets (usually) made from cardboard, corrugated paper, plastic, or other materials, placed between products stacked on a pallet. Their primary purpose is to protect products from damage during transport and storage on pallets.

Pallet divider sheets:

- » Protect products from scratches, collisions, and other mechanical damage during transport
- » Help stabilise products on pallets (preventing sliding and the risk of falls)
- » Separate and organise pallet loads into sections (aiding easier loading and unloading)
- » In some applications, they can be used to separate products requiring hygienic handling or to prevent products from coming into contact with each other.

Packaging Adhesive Tapes

Adhesive packaging tapes are ideal for securely sealing cartons and other types of packaging. They are available in various types and a wide range of dimensions for every application.

PP SOLVENT / HOT MELT TAPE

Recommended for use in low temperatures, refrigerated parcels, or high temperatures, e.g., parcels stored in containers.

PPAC TAPE

An economical choice for cases where the sound of tape unwinding is not an issue.

PVC TAPE

The most durable option for strong adhesion, suitable for cases such as cartons, heavy parcels, etc., without the sound of tape unwinding.

PRINTED TAPE

Option to print logos.

"FRAGILE" TAPE

Designed for packaging fragile items.

ECO-FRIENDLY PAPER TAPES




For manual use or semi-automatic and automatic machines. Printing is available in up to three colours.



ADVANTAGES

- ✓ High quality and durability
- ✓ Suitable for manual use (60-120m) or semi-automatic and automatic machines (600-660-990m)
- ✓ Available printed or unprinted, with noisy or silent unwinding
- ✓ Suitable for high, standard, or low temperatures



Type	Material	Unrolling sound	Adhesive	Dimensions (mm X m)	Colour
PP SOLVENT / HOT MELT	Polypropylene (PP)	Noisy / Quiet	Solvent / Hot Melt	30 x 60 38 x 60 48 x 60 48 x 600	
PPAC			Acrylic		
PVC	Polyvinyl chloride (PVC)	Quiet	Solvent		*upon request
PRINTED	PP / PVC		Acrylic / Solvent	12/15/19/25/30/ 36/48/72 x 60	up to 4 options
FRAGILE		Noisy / Quiet		48 x 60	



Protective Packaging





FillPak Go™ Void Fill



FillPak Go™ by Ranpak belongs to the FILLPAK range of products designed for filling voids within boxes. It is an ideal solution for small workstations, for use in retail stores, and e-shops.

ADVANTAGES

- ✓ 100% recyclable and biodegradable
- ✓ Provides optimal protection and safety during product transport
- ✓ Highly efficient with excellent shock absorption capacity
- ✓ Sustainable solution certified by the Forest Stewardship Council (FSC)
- ✓ Reduces costs through lower consumption compared to equivalent materials
- ✓ Lightweight, easy to store, and space-efficient
- ✓ Simple to use, requiring no training

Dimensions (cm) 40 x 20 x 30

Weight (kg) 9.9



PadPak Shock Absorption



Ranpak's PadPak® shock absorption paper is used to protect fragile items during transportation. PadPak® is provided with compatible equipment that meets the needs of medium to very large warehouses.

ADVANTAGES

- ✓ 100% recyclable and biodegradable
- ✓ Highly efficient with excellent shock absorption capacity
- ✓ Sustainable solution certified by the Forest Stewardship Council (FSC)
- ✓ The machine is easy and practical to operate and install

Types Padpak® Auto-Coiler
Padpak® Guardian
Padpak® CC
Padpak® LC
Padpak® AJR Batch
Padpak® SR
Padpak® JR




Recycold® Ice Packs

RecyCold® paper ice packs by Ranpak are coated with polyethylene (PE) and contain a 100% biodegradable gel. They are specifically designed for products requiring refrigeration during transport and are available in various sizes and weights.



ADVANTAGES

- ✓ Paper is 100% recyclable, renewable, and biodegradable
- ✓ Provides excellent protection for refrigerated and frozen products for up to 48 hours
- ✓ Ensures maximum performance

Dimensions (cm)	Weight (gr)	Temperature range	Colour
15 x 12 x 1.5	113	2 to 8°C and -2 to -5°C	
15 x 12.5 x 2	170		
15 x 14.5 x 2.5	226		
15 x 18.5 x 3	340		
15 x 21 x 3.5	454		
20 x 19 x 4	680		
20 x 21 x 4.6	907		
20 x 26 x 5	1360		



Recycold® Climaliner™



ADVANTAGES

- ✓ Paper is 100% recyclable, renewable, and biodegradable
- ✓ Provides excellent protection for refrigerated and frozen products for up to 48 hours
- ✓ Ensures maximum performance

Ranpak's RecyCold® Climaliner™ is a paper thermal liner that protects frozen and cold products from temperature fluctuations for up to 48 hours.

Dimensions (cm) Predefined Lengths

Colour 



Geami® WrapPak® EX Wrapping



Ranpak's Geami® WrapPak® EX paper converter is a user-friendly product that transforms plain paper into a 3D honeycomb structure, protecting products from direct contact with one another. It is an ideal solution for small workstations, retail stores, and e-shops.

Type	Dimensions (cm)	Weight (kg)
WRAPPAK® EX	58 x 34 x 24	10
WRAPPAK® EX MINI	57 x 17 x 25	6

ADVANTAGES

- ✓ 100% recyclable and biodegradable
- ✓ Provides optimal protection and safety during product transport
- ✓ Offers moisture protection
- ✓ Sustainable solution certified by the Forest Stewardship Council (FSC)
- ✓ Lightweight, space-efficient, and easy to store
- ✓ Simple to use, requiring no training

AIRplus® and AIRmove®

The AIRplus® and AIRmove® protective air cushions by STOROPACK are used to fill voids in cartons or to fully wrap products. These are specifically designed to provide maximum product protection during transport and storage.

The machines produce the protective material on demand, directly from film rolls of various sizes. The void film is made of at least 50% to 100% recycled materials.

Width (cm) 20

Length (cm) 12 and 17.5



ADVANTAGES

- ✓ Lightweight film rolls that minimise storage and transport costs
- ✓ Durable and reliable protection for products
- ✓ Adjustable air content in the cushions for various applications
- ✓ Easy-to-use, fast, portable machines that adapt well to packaging spaces
- ✓ Reusable air cushions and recyclable film rolls



Flexi-Hex®

Flexi-Hex® is a revolutionary paper packaging solution featuring a unique honeycomb structure that provides exceptional flexibility and adaptability to the shape of the product it covers. The honeycomb is sturdy, lightweight, and expandable, designed to protect a wide range of fragile items, from bottles to larger industrial products. It is suitable for diverse industries such as wine, cosmetics, pharmaceuticals, etc.

Material Paper

Dimensions Various



ADVANTAGES

- ✓ Sturdy, lightweight, and easy to handle
- ✓ Recyclable, biodegradable, and compostable

ECO-PULP Bottle Protection



Material 100% recycled paper and cardboard

Bottle Diameter up to 95 mm

Dimensions 400 x 338 x 59 mm

For Bottle Sizes 700 / 750ml and 1l

ECO-PULP is made from pressed pulp – a material derived from recycled fibres that can be easily recycled after its useful life. It is designed for transporting all types of bottles, offering excellent protection during transit.

ADVANTAGES

- ✓ A stable and durable protective material that prevents bottle breakage during transport
- ✓ Stackable, taking up less space and reducing packaging and storage costs
- ✓ Easy to handle, offering faster and more efficient packaging

Corrugated Paper

Corrugated paper is a type of paper with one corrugated surface and one smooth surface. It is used for various purposes, such as covering packages and surfaces like floors, for decoration/creating 3D decorative elements, and as a base for printing.

Material Corrugated cardboard

Width (m) 1 / 1.20 / 1.40
and other sizes available upon request

Packing Rolls

Colour 



ADVANTAGES

- ✓ Provides extra strength and stability during use
- ✓ Simple to use, effective, and a cost-efficient solution

Bubble Wrap

Bubble wrap is a highly popular material for packaging and protecting various items due to its simplicity and effectiveness. Its defining feature is the small air pockets on its surface, which act as cushioning material, protecting items from shocks and damage during transport or storage.

It is commonly used for packaging and storing fragile items, protecting them from damage, dust, moisture, and scratches. It is frequently used by shipping and courier companies to provide extra protection for packages during transit.

Material Plastic

Packing Rolls

Width (m) 0.5 - 1.5

Length (m) 20 - 150



ADVANTAGES

- ✓ Simple to use and highly effective
- ✓ Cost-efficient solution

Bubble Wrap Envelopes & Pouches



Bubble wrap envelopes are brown postal envelopes with an internal bubble wrap lining. They are suitable for mailing small products that do not require strong protection. They are available in various sizes and usually seal with adhesive tape.

Bubble wrap pouches offer a practical and economical shock-absorbing solution for protecting sensitive items during transport and storage.

ADVANTAGES

- ✓ Variety of dimensions
- ✓ Practical and cost-effective solution

Foam

Foamed polyethylene (foam) is a lightweight material made from polyethylene, a plastic substance. It is characterised by the presence of small voids or "bubbles" within it, which give it the "foamed" name. Foamed polyethylene is lightweight, insulating, and moisture-resistant, making it suitable for many applications.

It is commonly used to protect sensitive items during transport, providing both surface and shock absorption protection. It is available in sheets, rolls, or covers that can be customised to fit the product's size.

Material Foam polyethylene

Width (m) 1 / 1.20 / 1.5

Thickness (mm) 1 - 50



ADVANTAGES

- ✓ Offers flexibility, surface, and shock absorption protection
- ✓ Easy to use
- ✓ Widely applicable across many industries due to its protective properties

Polystyrene Packing Peanuts



Polystyrene packing peanuts made from expanded polystyrene are used for filling voids in cartons. They are the ideal solution for protecting products during transport.

Packing Rolls

Colour ☐

ADVANTAGES

- ✓ Lightweight and durable, providing shock protection for packaging
- ✓ Cost-effective and easy option for packaging fragile products
- ✓ Ensures maximum performance



Container Dunnage Air Bags



Container dunnage air bags, also known as "container air bags," are equipment primarily used in commercial shipping and the transportation of goods in containers. They stabilise cargo and protect goods from damage during transit.

These air bags act as shock-absorbing materials and are usually made from reinforced materials such as polyethylene and cardboard. They are placed between cargo to fill voids between pallets or between loads and the container walls.

ADVANTAGES

- ✓ Stabilise cargo within containers, preventing slippage and the risk of load shifting during transport
- ✓ Protect goods from shocks, vibrations, and damage during transit
- ✓ Enable more efficient use of space within the container by filling gaps between loads
- ✓ High resistance to punctures and moisture
- ✓ 100% recyclable

Material Outer layer made from woven polypropylene (woven PP) and inner layer from polyethylene (LLDPE-C4), with stitched rather than glued edges, ensuring durability throughout the journey

Thermal Insulation Roll

The thermal insulation roll is an aluminium-coated bubble film that protects cargo (externally) from temperature fluctuations.

It is made from polyethylene with an aluminium coating. The aluminium layer acts as a reflector, blocking sunlight and heat from the internal space, while the polyethylene bubbles provide additional insulation and protection from radiation, keeping the environment cooler.



ADVANTAGES

- ✓ Practical and durable
- ✓ Maintains a stable temperature for cargo

Material Polyethylene with aluminium coating

Dimensions (m²/roll) 60

Packing in roll or bag

FIBC Bulk Bags



FIBC Bulk Bags

HELLAGRO Bulk Bags are a fully tailor-made solution designed to provide the safest means for transporting and storing loads between 500kg and 2000kg. Engineered to handle a wide range of materials – including liquids, powders, sand, seeds, granules, rocks, wood, and more – our Bulk Bags are crafted from woven polypropylene (PP) and are available in an extensive variety of types and dimensions to perfectly match your application and usage requirements. All of our Bulk Bags are produced in strict accordance with the highest safety standards. Furthermore, on special request, we can customise them with additional features such as:

- » Circular (Tubular) Construction: Fewer seams meaning enhanced leak protection, ensuring greater security during transit.
- » Internal Corner Reinforcements (Q Bag/Baffle Bag): Designed to maintain the bag's shape even after it's been filled.
- » Internal PE Liner: Ideal for transporting moist materials or protecting the product from humidity.



ADVANTAGES

- ✓ A wide range of sizes and types
- ✓ Secure transport for heavy loads
- ✓ Optimised use of storage space
- ✓ Maximum utilisation of truck/container capacity
- ✓ Ease of handling and management
- ✓ Fully recyclable
- ✓ In special cases, they can be reused (SF 6:1)

OTHER TYPE OF BULK BAGS



U.N. BULK BAGS

HELLAGRO's U.N.-certified Bulk Bags are specifically engineered for the safe transport and storage of hazardous waste. Depending on the hazard classification of the material, our U.N. Bulk Bags are manufactured to the requisite quality standards, ensuring compliance and safety throughout the supply chain.



Consumables & Tools



Strapping Tools & Tensioners

Our manual strapping tools and tensioners are high-quality and available in battery-powered or pneumatic versions, with or without buckles. They are ideal for industrial use with plastic (PP, polyester PET), woven, and metal strapping.

- » For plastic strapping with buckles or heat sealing: 9-12-16-19mm
- » For metal strapping with or without buckles (notched sealing): 13-16-19-25-32mm



Strapping Dispensers

Strapping dispensers are heavy-duty, highly durable, and available for all diameters and types of strapping, metal or plastic.

- » For plastic strapping with diameters $\Phi 200$, $\Phi 405$, and for metal strapping in single (Ribbon) or triple rolls (Oscillated)

Material Handling Equipment

Hydraulic pallet trucks with a lifting capacity of up to 2.5 tonnes are available with a variety of wheels (Teflon, rubber, or nylon), depending on the terrain and working conditions. They feature manual lifting and steering with an oil hydraulic pump.



Stretch Film Handles

Stretch film handles for manual use are made from durable plastic for daily use. They are particularly practical and ideal for large rolls, mini rolls, and coreless film. Available with or without a brake.

ADVANTAGES



Ensure proper film unwinding

Carton Staplers

Manual or pneumatic carton staplers are designed for high productivity and robust construction, suitable for daily use in carton stapling. Compatible with 561/32 or 560/35 staples for 3-ply and 5-ply cartons, as well as for cardboard trays for agricultural use.



Nails

Bulk construction nails, EPAL-certified nails for durable European pallets, and collated nails on rolls are available for pallet construction/repair, wooden crates, reels, and wooden structures.



ADVANTAGES

- ✓ High-quality, precision, and durability

KIND & PACKAGING

Bulk construction nails available in 20kg boxes, with various lengths and thicknesses

EPAL-certified ringed, spiral, or smooth nails

On a roll Barbed, helical, or smooth on rolls of 160. Lengths ranging from 25-160 mm and thicknesses from 2.1-4.8 mm

Pneumatic Nailing Tools

Pneumatic nailing tools by MAX Japan are extremely durable for heavy industrial use with collated nails. They are ideal for wooden pallet construction and use with nails on rolls ranging from 25-160mm in length and 2.1-4.8mm in thickness.



Tying Wires

Tying wires are suitable for sealing sacks, bags, etc., as well as for fastening rods. Available in galvanised and coated versions.

GALVANIZED

Material 100% steel

Length (cm) 10/12/15/17

Packaging (pcs) 3000

PLASTIC COATED

Packaging (pcs) 3000

Colour 



ADVANTAGES

- ✓ Superior quality

Stapling Clips

Stapling clips are designed for carton stapling and are compatible with all carton staplers.



ADVANTAGES

- ✓ Collated clips for high production speeds in carton stapling



TOWA Label Dispensers

TOWA manual label dispensers are ideal for unwinding and applying labels onto products such as cartons, etc.

Available label widths (mm) 20-30 / 25-60 / 50-100

Heat Guns

Heat guns for general packaging shrink applications are 230V and available with various nozzles.



Silicone Glue Guns



Silicone glue guns are suitable for general packaging use and are available in electric or battery-powered options.

ADVANTAGES

- ✓ Fast glue discharge with adjustable temperature

Bag Stitching Machines

Handheld bag stitching machines with the trusted Singer name are available in electric or battery-operated versions for stitching sacks with polyester multi-strand thread.



DURONIMA Sewing Thread



DURONIMA (12/4) sack sewing thread is made from 100% polyester fibres, cottonised with continuous weaving.

ADVANTAGES

- ✓ High strength, impossible to tear by hand
- ✓ Lightly lubricated thread for smooth and continuous machine operation
- ✓ Suitable for high-speed sewing machines and all bag stitching machines

Weight	Packing (buckets/box)
0.25	80
7	4

Desiccants



Absorgel Pouches

Absorgel Pouches effectively control humidity levels in boxes, cartons, and other types of packaging to prevent mould, mildew, rust, and other moisture-related damage. These are single-use products and can be disposed of as regular waste, as their pouches are made from non-toxic and recyclable materials.

The active ingredient in Absorgel Pouches is calcium chloride, which absorbs significantly more moisture from the surrounding air compared to other carton desiccants such as the well-known silica gel. They can absorb over 10 times more moisture than traditional carton desiccants. The absorbed moisture is retained in gel form, preventing the formation of liquid water.

Applications:

- » Furniture and handicrafts
- » Footwear
- » Machinery components and equipment
- » Clothing
- » Electronic devices
- » Photography equipment

Absorgel Pouches are available with one or two layers for different applications:

- » **Double-layer Absorgel Pouches:** Packaging consists of two material layers.
- » **Single-layer Absorgel Pouches:** Packaging consists of a single material layer.



ADVANTAGES

- ✓ High moisture absorption capacity
- ✓ Fewer units required, reducing storage space needed
- ✓ Cost-effective usage
- ✓ Easy to use
- ✓ Environmentally friendly, non-toxic product

Product	Size of pouch (mm)	Layers
ABSORGEL POUCH-D 1g	55 x 70	2
ABSORGEL POUCH-D 2g	55 x 87	2
ABSORGEL POUCH-D 5g	55 x 117	2
ABSORGEL POUCH-D 10g	95 x 120	2
ABSORGEL POUCH-D 25g	95 x 137	2
ABSORGEL POUCH-D 50g	95 x 190	2
ABSORGEL POUCH-D 25g	110 x 125	1
ABSORGEL POUCH-D 50g	110 x 130	1
ABSORGEL POUCH-D 100g	145 x 190	1
ABSORGEL POUCH-D 125g	145 x 210	1



Absorbag



The Absorbag container desiccant is based on calcium chloride's proven ability to effectively remove moisture from the air.

It is also available with an external protective cardboard covering as an additional measure to prevent cargo shifting.

The Absorbag can be used for all types of cargo with a minimum clearance of 10 cm between the cargo and the Absorbag, and for cargo stacked up to 1.5m in height. It does not contain DMF and complies with RoHS and REACH standards.

ADVANTAGES

- ✓ Easy to use and designed to occupy minimal space within the container while maintaining full functionality
- ✓ Provides effective protection for long-distance shipments thanks to its high performance and long-lasting absorption rate

Length (mm) 1250

Width (mm) 135

Thickness (mm) 50

Weight (kg) 1.5

Operating temperature -20°C up to + 80°C

Absorbent medium Calcium chloride
(CAS registry number 10043-52-4)

Absorption capacity up to 2,25 liter

Absorpole

The Absorpole container desiccant features a water collector and high absorption capacity, enclosed in an impact-resistant protective plastic casing.

It is based on calcium chloride's proven ability to effectively remove moisture from the air.

The Absorpole does not contain DMF and complies with RoHS and REACH standards. It is suitable for any type of cargo with a minimum clearance of 5 cm between the cargo and the Absorpole. It is particularly recommended for fully packed containers.



ADVANTAGES

- ✓ Easy to use and designed to occupy minimal space within the container while maintaining full functionality
- ✓ Features a compact, impact-resistant protective plastic casing
- ✓ Offers effective protection for long-distance shipments due to its high absorption performance and long-lasting absorption rate

Dimensions (in use) (mm) Length: 1180, Width: 116, Thickness: 35

Dimensions (packaged) (mm) Length: 640, Width: 116, Thickness: 35

Weight (kg) 1.2

Operating temperature -20°C up to + 80°C

Absorbent medium Calcium chloride
(CAS registry number 10043-52-4)

Absorption capacity up to 2 liters

Food Packaging



Polyolefin (POF) Film

Polyolefin shrink films meet the needs of various industries (food, paper, and general consumer goods) and can package a wide range of products of different shapes, sizes, and weights.

The range includes multilayer materials (BE, BY, BTT + 90, BTT + 125), cross-linked materials (BZN, BRX, BSP, BTTX 110, BTTXF 130), shrink barrier materials (OXBTEC), and is continuously enriched with more environmentally friendly materials. Films are now available with 20% or 40% sugarcane content (B-NAT F and B-NAT O, respectively), 30% recycled Post-Industrial plastic (BRi), 30% recycled Post-Consumer PCR plastic (BXERCBH), or even 100% recycled plastic (OXBTEC Recycled Circular Base).

Additionally, they are available in various types, including micro-perforated, anti-fog, special properties, and high or medium shrinkage grades.

Packing in rolls: Single Wound or Centre Folded

Thickness (mic) from 9 up to 25

Width (mm) from 200 to at least 1000

ADVANTAGES

- ✓ High durability and resistance to punctures
- ✓ Compatibility with a wide range of equipment
- ✓ Strong sealing capability
- ✓ Sliding properties (hot-slip)
- ✓ Excellent shrinkage and fast sealing



Polyethylene (PE) Film

Polyethylene shrink film (PE) is a specialised plastic film used for shrink applications across various uses.

It is ideal for packaging grouped products (e.g., water bottles, detergents), protecting surfaces from scratches and dust, safeguarding prints and photos, and industrial packaging and product protection.

It is important to follow the instructions provided with the shrink film, as both temperature and heating duration are critical factors for proper shrinkage.

Available in various dimensions and thicknesses to suit every application, as well as in single sheets, folded forms, tubes, or bags with optional printing.

Packing in rolls



ADVANTAGES

- ✓ Easy and strong shrinkage
- ✓ High durability

Traysealing Film

Traysealing film is a specialised film used in the process of sealing plastic or paper trays for packaging food and other products.

Tray sealing is a packaging method commonly employed in the food and other industries to create sealed packages that protect products from moisture, leakage, and spoilage.

Traysealing films are typically made from multilayer, food-safe materials and can seal solid or liquid foods within trays. They come in various types tailored to specific needs, including high transparency, biodegradable composition, moisture resistance, and oxygen barrier properties.

Common applications include salads, ready meals, cheese, meat, and more.



ADVANTAGES

- ✓ Protects the product and extends its shelf life
- ✓ Allows visibility of the contents within the packaging

Thermoforming Film

Thermoforming films are specialised plastic films used in the thermoforming process to create various plastic packaging.

These films must possess suitable properties to withstand the temperature and pressure of the thermoforming process, as well as being safe for food applications.

Packaging made from thermoforming film is used across many sectors, including food packaging, medical products, consumer goods, industrial items, and more.



Material PET, PP, PA/PE

Packing in rolls

ADVANTAGES

- ✓ High customisability for creating packaging
- ✓ Excellent transparency both before and after forming
- ✓ Strong oxygen barrier properties
- ✓ Enhanced durability



Laminated Films



Material PE, PET, PP

Packing in rolls

Laminated films are plastic or paper-based films composed of two or more layers laminated together.

The purpose of lamination is to combine the characteristics of various materials to produce a film with specific performance features, capable of protecting against moisture, air, and light.

Laminated films are widely used in applications such as food packaging, pharmaceutical products (e.g., pills, capsules, creams), consumer goods (e.g., cosmetics, cleaning products, accessories), and industrial items (e.g., components, labels).

ADVANTAGES

- ✓ Customisation of films to meet the needs of any application
- ✓ High-level protection, personalisation, and printing capabilities
- ✓ Resistance to corrosion and suitability for high or low temperatures

Flowpack Films for Vertical and Horizontal Packaging

OPP and BOPP films are types of plastic films made from polypropylene, used across many applications, particularly in packaging and printing.

The two types differ in their production process and properties:

» OPP Films

Transparent, typically double-glossed, and known for their leak and corrosion resistance. Common uses include food packaging (e.g., sandwiches, chewing gum), cleaning products, gift wraps, and labels.

» BOPP Films

More durable and glossier than OPP films, suitable for packaging products such as food, shopping bags, gift wraps, labels, cigarette packages, and other applications requiring durable film.



ADVANTAGES

- ✓ Offers transparency
- ✓ High resistance to leaks and corrosion
- ✓ Printable options available

Food-Grade Cling Films

PVC or polyethylene (PE) cling films are effective and economical for packaging food to keep it fresh for extended periods on store shelves.

They are ideal for packaging cheese, meat, poultry, fish and seafood, mushrooms, and all types of fruit and vegetables.

Thanks to their remarkable elasticity, cling films perfectly fit even products considered difficult to package.

Width (mm) 280 – 500

Length (mm) 200 – 1500

Thickness (mm) 7 – 18

Available in virtually all sizes and types, suitable for machine use or hand wrapping.



ADVANTAGES

- ✓ Wraps products without additional heating, making them highly efficient and economical
- ✓ Complies with all current European regulations for food use
- ✓ Exceptionally transparent and glossy, with anti-fog treatment
- ✓ Outstanding elasticity, printability, and mechanical strength

Plastic Punnets

Our fruit and vegetable punnets are high-quality, branded, and certified by international bodies. Other products, such as nuts and snails, can also be packaged in them.





Options include punnets made from polyester (PET), polypropylene (PP), or fully recycled polyester (RPET).

Punnets can remain open or be sealed with a matching lid, mesh (extruded or elastic), cling film, or film (flow-pack or heat-seal). They are also available with built-in air-plast or absorbent pads at the bottom and with printed handles.



ADVANTAGES

- ✓ Excellent mechanical properties
- ✓ Wide variety of shapes, dimensions, and weights

Material	Capacity (g)	Colour
PET/RPET	Open: 125 / 250 / 500 / 750 / 1000	 
	With integrated lid: 250 / 500 / 750 / 1000	
PP	500 / 750 / 1000 / 2000	 

Meat Absorbent Pads

Absorbent pads for butcheries are specially designed to absorb liquids and are available in a variety of colours and sizes.



They are offered in a range of colours, absorption levels, shapes, and sizes to suit all applications.

ADVANTAGES

- ✓ Effectively absorb bacteria, which are a significant cause of unpleasant odours and flavours
- ✓ Preserve the natural smell and taste of the product
- ✓ High absorbency even under pressure
- ✓ Improved packaging appearance, as meat no longer "swims" in its liquids
- ✓ Prevent liquid leakage when opening the packaging
- ✓ Ensure safe storage

Shrink Bags

Shrink bags are vacuum packaging bags that shrink and wrap tightly around the packaged product when exposed to hot water. They are primarily used for packaging cheese, meat, and cold cuts.

Length (mm) 200 - 600

Width (mm) 120 - 500

Shapes - Curved with a bottom seam
- Rectangular with a side seam

Permeability - Semi-permeable to carbon dioxide (CO₂)
- Zero permeability (high-barrier)



ADVANTAGES

- ✓ High resistance to punctures
- ✓ Excellent transparency and glossiness
- ✓ Significant shrink capacity

Vacuum Bags

Vacuum bags are made from polyamide and polyethylene (PA/PE) and are used for packaging cheese, meat, cold cuts, olives, and more.



ADVANTAGES

- ✓ Consistent quality and high resistance to punctures
- ✓ Maximum transparency and glossiness
- ✓ Excellent sealing quality

Thickness (µm) 65 / 90
various thickness upon request

Types 1 seam (at the bottom of the bag)
3 seams (one at the bottom and two sides)











Printing Variety of printing capabilities

Extruded Mini Packaging Nets

Extruded nets are made from extruded tubular netting and can be used with both vertical and horizontal packaging machines, as well as manually. Pre-cut net pieces with sealed bottoms are also available for manual application, ensuring ease of use.

Their use extends beyond fruit and vegetable packaging, as they are also suitable for multipacks (promotional bundles) of various products such as snack chips, croissants, liquid detergents, and cleaning products. They are also used for packaging toys, shellfish, and to protect spare parts, beverage bottles, furniture parts, and more.

Extruded nets are available in various types depending on the number of mesh openings per circumference, their diameter, and their weight per linear metre. Additionally, special extruded nets are available for mussel farming (submerged) and packaging.

Dimensions (m/roll)	Colour
1800 and 2000	     
Packing for oysters: 350	   



ADVANTAGES

- ✓ High durability for packaging various weights
- ✓ Customisable with different features (colour, mesh opening, rigidity)



Elastic Meat Nets

Elastic meat nets are made from cotton or polyester thread combined with natural rubber threads that are food-safe. They are suitable for packaging roasted, smoked, or boiled meats (turkey, chicken, beef, pork, lamb), as well as salami and meat rolls.

They are available in various types depending on the application (roasting, smoking, or boiling) and the desired dimensions (mesh count and diameter).

Length (m) 50 / 100

Colour   



ADVANTAGES

- ✓ Enhanced strength, durability, and reinforced application
- ✓ Improve the appearance of the products





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