

# FRUIT & VEGETABLE PACKAGING



**HELLAGRO**<sup>®</sup>  
QUALITY • VALUE • INNOVATION





# FRUIT & VEGETABLE PACKAGING

At HELLAGRO S.A., we provide more than just food packaging materials; we deliver a range of products that set the benchmark for safety and quality.

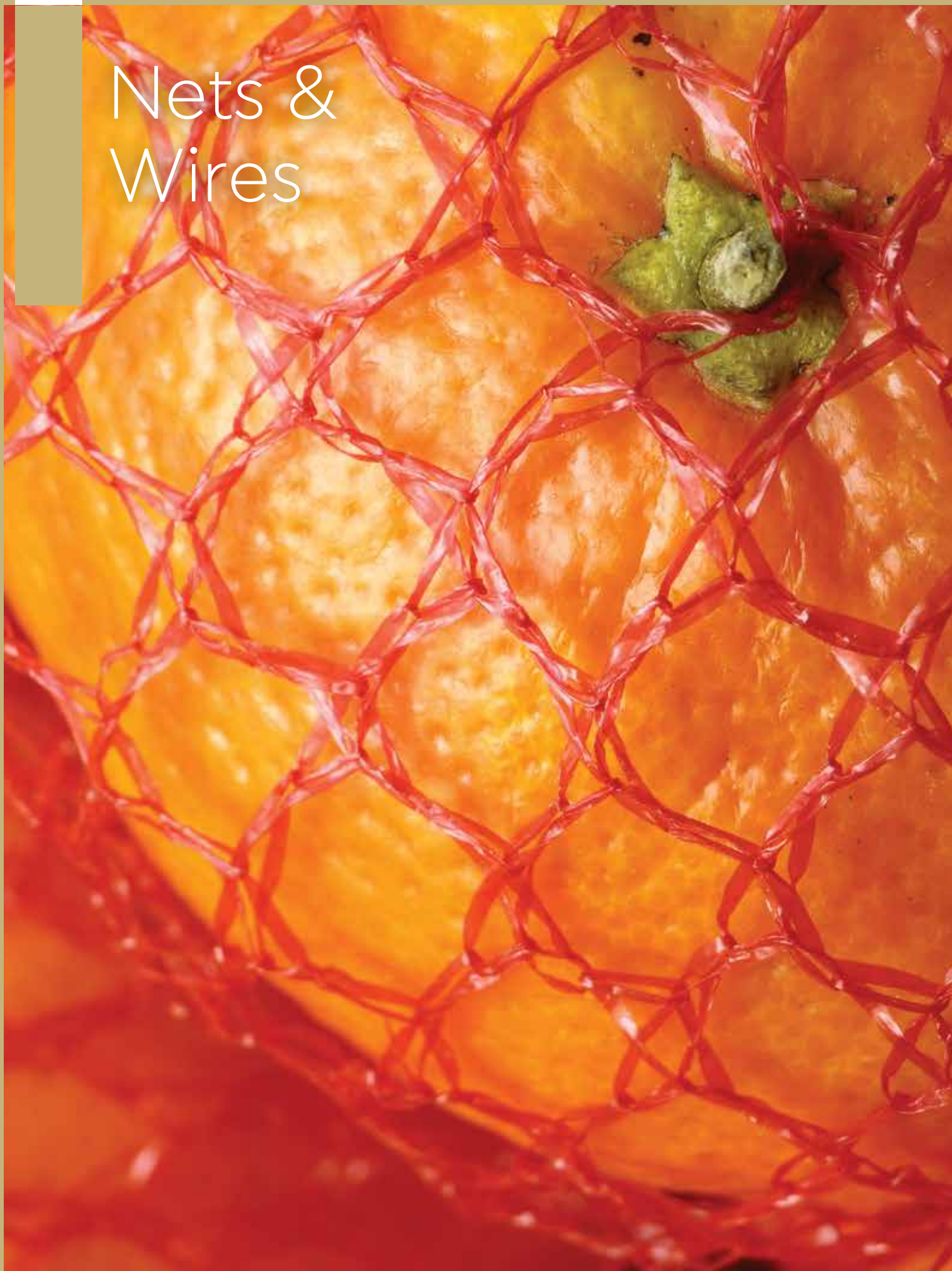
Our packaging solutions are certified to the highest standards, prioritising consumer protection at every step. Each material undergoes rigorous quality and safety inspections before reaching producers and processors, ensuring unmatched safety and reliability in the storage and transportation of goods.

We actively champion sustainability by carefully selecting packaging materials that minimise environmental impact. Many of our solutions are made using sustainable materials, contributing to a cleaner, greener future.





# Nets & Wires



## Plastic Tubular "Knitted" Nets



Our "knitted" tubular nets are widely used for packaging citrus fruits, potatoes, onions, as well as apples, tomatoes, walnuts, and snails.

They provide an essential solution for creating simple packages with a metal clip and tie-tag label or girsac-style packages with heat-sealed plastic tape (net-film) around the net.

**Material** HDPE

**Weave** Rhombus - minimesh

**Number of thread** 72 / 80 / 92 / 100 / 104

**Diameter (cm)** 20 - 60  
(most common being 38 and 47)

**Packaging** In sleeves: 50 sleeves of 100 m/ball,  
loose in balls: (5 bundles of 1000 m/ball,  
and in rolls: 1000 m/roll

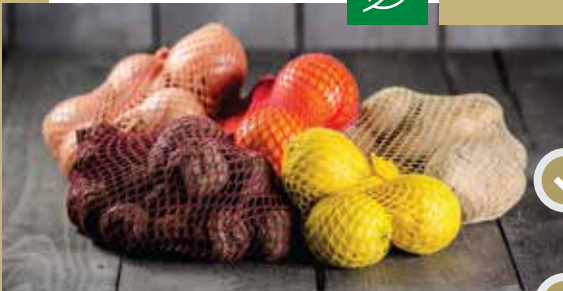
**Colour** 

### ADVANTAGES

- ✓ High durability for packages up to 5kg
- ✓ Compatible with all automatic and semi-automatic packaging machines



## Cellulose Tubular Nets



Our cellulose tubular nets are 100% eco-friendly, offering an ideal solution for packaging citrus fruits, potatoes, onions, apples, pears, tomatoes, and more.

**Material** Cellulose

**Weave** Rhombus

**Number of threads** 72 / 80 / 88 / 98

**Diameter (cm)** 51 - 54

**Packaging** In sleeves: 15 sleeves  
of 200 m/box,  
In rolls: 1000 m/roll

**Colour** 

### ADVANTAGES

- ✓ Made exclusively from raw materials sourced from responsibly thinned European beech forests, certified by the PEFC (Program for the Endorsement of Forest Certification)
- ✓ Keeps fruits and vegetables fresh for up to three additional days
- ✓ Boasts the lowest environmental footprint compared to other alternatives (plastic, cotton, etc.)
- ✓ Dyed fibres during spinning (twisting), approved for domestic composting in Europe and the USA
- ✓ Fully safe for food use
- ✓ Natural appearance that resonates with consumers
- ✓ Soft texture, making it suitable for even the most delicate products
- ✓ Enhances the perceived value of organic product packaging



## Extruded Nets

Extruded nets are made from extruded polyethylene 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 convenience during use.

Their versatility extends beyond packaging fruits and vegetables, as they are also used for multipacks (promotional bundles) of various products like snack crisps, croissants, liquid detergents, toys, shellfish, and for protecting spare parts, beverage bottles, furniture components, and more.

Extruded nets are available in various types based on mesh count per circumference, diameter, and weight per linear metre.

The most common types are for automatic packaging machines, covering plastic punnets and for packaging garlic heads

Dimensions (m/roll)	Colour
Packaging in a punnet / Multipackaging: 1800 and 2000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Packaging of garlic: 1000	<input type="checkbox"/> <input type="checkbox"/>

Additionally, specialised extruded nets are available for mussel farming (submerged) and packaging. These mussel nets are offered in different diameters, tailored to the growth of the mussel colonies.

**Packaging** Sleeves of 350 and in cut pieces (lengths of 70, 90, 110 & 210 cm) sealed with a metal clip

**Colour** ☐ ☐ ☐ ☐ ☐



## ADVANTAGES

- ✓ Highly durable for packages of various weights
- ✓ Customisable with features such as colour, mesh size, and rigidity to meet the specific needs of each packager



## CLF Net (Cross Laminated Fabric)

CLF net is a non-woven polyolefin mesh stretched in perpendicular directions. It is used both as a standalone packaging material and as reinforcement for paper, film, aluminium foil, foam, and non-woven materials.

Each thread is oriented and can be heat-sealed, allowing CLF nets to be effectively used in various packaging and lamination processes. The production of CLF net involves a highly complex process, starting with co-extrusion and culminating in a precisely aligned mesh of threads stretched in perpendicular directions.

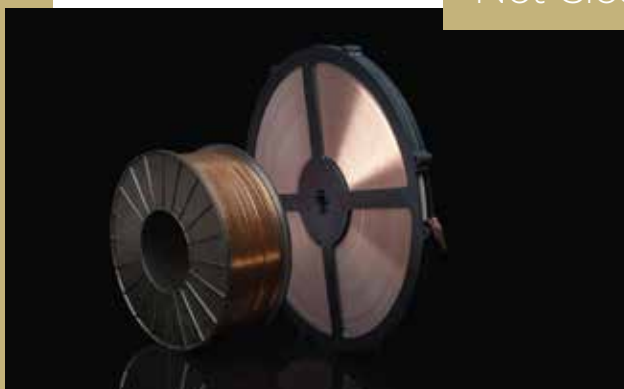


CLF net is suitable for packaging dry to slightly damp products weighing 0.5–2.5kg. When laminated or heat-sealed with other materials, it can support heavier weights

### ADVANTAGES

- ✓ Unique appearance
- ✓ High breathability, permeability, and transparency
- ✓ Excellent dimensional stability (does not stretch)
- ✓ Easy to laminate with other materials
- ✓ Thermal sealing without adhesives
- ✓ Balanced tear resistance in both directions (MD/CD)
- ✓ Thin and lightweight yet robust
- ✓ Resistant to water and chemicals

## Net Closure Wire



Net closure wire is used with all automatic and semi-automatic net packaging machines. It is typically copper-coated on both sides.

Available in small or large rolls, depending on the machine type.

### ADVANTAGES

- ✓ Soft to prevent damage to machine blades
- ✓ Leaves no burrs

**Dimensions (mm)** 5 x 0.35 / 3 x 0.50

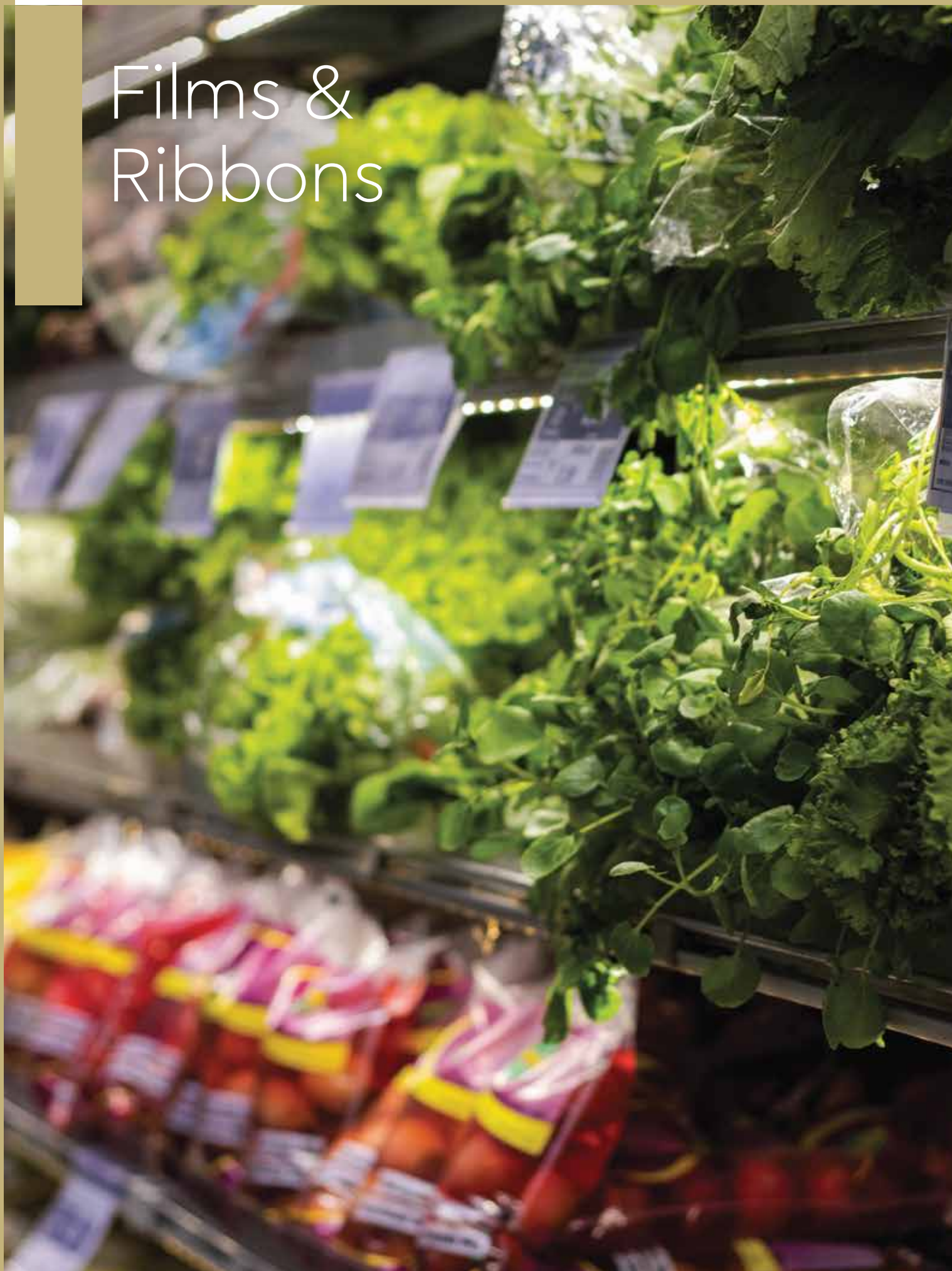
**Weight** The weight of each roll varies

**Packaging** 1 or 5 cases per box





# Films & Ribbons





## Girfilm - Net Film



Girfilm – Net Film is a heat-sealing film used in automatic machines, creating attractive and strong packaging (girsac and verti-sack). Net Film is made from laminated plastic film.

It is primarily used for packaging citrus fruits, potatoes, onions, kiwis, chestnuts, etc.

Available in general and Christmas-themed prints for citrus fruits, with the option for custom designs to suit client branding.

**Film Width (mm)** 50 / 75 / 90 / 120 / 145

**Packaging (m/roll)** 1000 / 1100

### ADVANTAGES

- ✓ Highly durable for packages weighing 0.5–4kg
- ✓ Exceptional print quality with high gloss
- ✓ Compatible with all automatic packaging machines

## Lidding Film



Lidding film is used for sealing punnets or trays securely along their edges, creating a safe package while extending the shelf life of products. Made from polyester (PET) and can be either perforated (micro or macro) or non-perforated.

Available in various widths to suit the moulds of cup/tray sealing machines.

### ADVANTAGES

- ✓ Suitable for all cup/tray sealing machines
- ✓ High gloss and anti-fog properties
- ✓ Easy to open (easy-peel)
- ✓ Exceptional print quality

## Plastic Flow-Pack Film

Plastic Flow-Pack film is used to seal products either loose (bulk) or in trays/punnets, preserving the product's appearance and ensuring maximum freshness.

Flow-Pack film can be non-perforated or perforated (micro or macro) and is available as single or double rolls, depending on the packaging machine used, with or without an anti-fog coating. Additionally, it can be printed with custom client designs.

Flow-Pack films are specifically designed and tested on Flow-Pack machinery, ensuring optimal performance and maximum productivity without compromising product quality.

**Material** Biaxially Oriented PolyPropylene (BOPP)  
Low-Density PolyEthylene (LDPE)  
Cast PolyPropylene (CPP)  
High-Density PolyEthylene (HDPE)  
Cellulose

**Dimensions / Packaging** Upon request



### ADVANTAGES

- ✓ Breathable films suitable for all types of applications
- ✓ Wide range of material grades to meet packagers' specific requirements
- ✓ Outstanding clarity and durability
- ✓ Seamless operation on all packaging machines
- ✓ Exceptional print quality







## Flow-Pack Films: Biosil & Mr Paper

Biosil represents the future of compostable packaging. These materials can be disposed of in brown recycling bins, where, at the end of their lifecycle, they decompose into valuable organic compost. Biosil sustainable flow-pack packaging provides protection against moisture, fats, and odours.

Biosil is ideal for packaging a variety of products, including dry foods like pasta, sweets, crisps, and coffee, as well as fresh fruits, vegetables, and salads. The packaging is designed specifically for each product, ensuring safe storage conditions. It can also be used for frozen products, ice creams, and ready meals.



### ADVANTAGES

- ✓ Eco-friendly packaging
- ✓ High-quality protection
- ✓ Free from harmful plastics, made from renewable plant-based materials
- ✓ Provides flexibility, product safety, extended shelf life, and exceptional store presentation
- ✓ Free from toxic substances, glues, solvents, and heavy metals
- ✓ Designed for recycling or natural decomposition within a few months, creating compost
- ✓ Suitable for frozen products

Mr Paper offers fully recyclable packaging. Made from durable, flexible, lightweight, and functional paper, it is ideal for direct contact with food. Mr Paper packaging is versatile, allowing for the selection of appropriate paper weight, adjustable closures, and custom-cut shapes. Additionally, paper can be combined with biodegradable mesh to enhance functionality.





## Food-Grade Cling Films

PVC and polyethylene (PE) food-grade cling films efficiently and economically preserve food freshness, prolonging its shelf life in stores.

They are suitable for all types of fruits and vegetables, as well as for packaging cheese, meat, poultry, fish, seafood, and mushrooms.

Thanks to their remarkable elasticity, food-grade cling films can even be used to package products that are typically considered difficult to wrap.

**Widths (mm)** 280 – 500

**Thickness (µm)** 7 – 18

**Lengths (m)** 200 – 1500

Available in nearly all sizes and types for machine use or manual wrapping.



### ADVANTAGES

- ✓ Wrap products without requiring additional heating, making them highly efficient and economical
- ✓ Fully compliant with European food-use regulations
- ✓ Extremely transparent and glossy, with effective anti-fog treatment
- ✓ Outstanding elasticity, printability, and mechanical strength

## Mini Label (Band)



The Mini Label is a plastic strip used for sewing net bags, allowing product information to be printed on the bags. It is made from low density polyethylene (LDPE) and is available either unprinted or pre-printed with packager details.

**Width (cm)** 6

### ADVANTAGES

- ✓ Easy to use
- ✓ Cost-effective visibility



## Bolduc Packaging Ribbons



Bolduc ribbons are used in simple net packaging or in nets with punnets. They can be plain in single colours or printed with general designs or customer-specific designs.

**Width (mm)** 12 / 15

**Packaging** 3000 m per roll, 5 rolls per box

**Colour**   

### ADVANTAGES



High-quality for seamless operation on automatic and semi-automatic packaging machines





# Labels





## Tie-Tags

Tie-tags are used to complete simple, economical packaging in nets. One side is usually pre-printed, either with general designs or customer-specific designs, while the other side is typically blank and made from thermal paper, allowing for text and image printing on suitable printers.



### ADVANTAGES

- ✓ Excellent compatibility with all automatic and semi-automatic packaging machines
- ✓ Backside features high-quality thermal paper for clear, high-resolution printing
- ✓ Available pre-cut, printed, and ready for use

Dimensions (mm)	Packaging
38 x 145	2000 pcs/roll 14 rolls/box
40 x 160	1900 pcs/roll 14 rolls/box



## Self-Adhesive Thermal Labels

Self-adhesive thermal labels are made from high-quality thermal paper and are used for numerous applications. They can be applied manually or with automatic labelling systems. Roll winding can be inward or outward, depending on the printer or dispenser being used.

### ADVANTAGES

- ✓ Meet standards for clear, bold printing
- ✓ High-strength adhesive for use in high-humidity and low-temperature conditions

**Dimensions (mm)** 58x45 / 68x45 / 78x45  
Any other dimension upon request

**Packaging** Rolls of 1500 and 3000 pieces

## Label Ribbons

Label ribbons are available in WAX (wax-based), WAX-RESIN (wax & resin), and RESIN (resin-based) types, suitable for printing non-thermal labels. They are ideal for printing glossy labels and polypropylene labels.

### ADVANTAGES

- ✓ Compatible with a wide range of thermal printers
- ✓ Offered in three qualities for different printing materials
- ✓ Long-lasting resistance to wear and external conditions

**Dimensions** Available in various dimensions, depending on printer capacity and label width

**Winding** Internal or external

**Colour**    



# Bags



## Vert Bag - Verti Sack



The Vert Bag/Verti Sack packaging combines net-film and extruded or CLF netting in a roll to create an eye-catching and functional package. The net-film is typically 145 cm wide and is primarily used for packaging potatoes and onions with specific automatic packaging machines. As with standard net-film, Vert-Bag film can also be printed with custom client designs.

### ADVANTAGES



Exceptional quality for seamless operation on all Vert-Bag automatic packaging machines

Vert-Bag rolls are available in various widths and colours, tailored to the requirements of the packaging machine and the desired package.

## Coated Paper - Paper Fresh



Paper Fresh (paper heat-sealable packaging) is an innovative coated paper solution laminated with polyethylene, offering heat-sealing capability on both sides and featuring a window made of CLF net or film. In the case of a film window, it can include macro-perforation or laser perforation. Paper Fresh is primarily created on vertical packaging machines but can also be adapted for horizontal machines.

This packaging is suitable for dry or slightly damp products weighing between 0.5–2.5 kg. Biodegradable materials can also be used to meet ecological requirements.

### ADVANTAGES

The product is available in rolls of various sizes (widths and lengths) with printing capability for up to 10 colours.



Modern appearance with excellent printing quality



The window is typically made of CLF netting, a lightweight and elegant material that provides ventilation and clear product visibility





## U-Pack® & G-Pack®

U-Pack is a bag made from 100% recyclable paper, capable of holding up to 2 kg of fruits or other products. The choice of brown paper ensures outstanding stability and tear resistance, reminiscent of traditional grocery and bakery bags. While originally designed for grapes, it is also used for other fruits such as apricots, peaches, cherries, lemons, plums, and more.

U-Pack features Aerographic technology, which engraves logos or decorative graphics onto the paper. This gives the bag a distinctive and easily recognisable appearance while promoting ventilation and product preservation.

Type	Weight
Small	up to 500g
Medium	from 500g to 1kg
Large	up to 2kg

G-Bag is a tote bag made from 100% FSC-certified paper, ideal for packaging and transporting fruits, vegetables, and herbs. G-Bags come with ergonomic handles and incorporate the exclusive Handy Twist® system, which expands the bag's opening width, making it suitable for automatic packaging lines. The handles are made from a reinforced double layer of pure cellulose, guaranteeing strength even under maximum weight.

G-Bags also feature Aerographic® technology for engraving logos or decorative graphics, ensuring a unique and identifiable appearance while supporting product ventilation and preservation. Additionally, all four sides of the bag can be printed. This bag offers full customisation options, allowing brands to create a versatile and impactful design, ensuring visibility and variety.



## ADVANTAGES

- ✓ 100% recyclable
- ✓ Available in three sizes
- ✓ Maintains product integrity
- ✓ Simplifies distribution
- ✓ Improves storage capacity
- ✓ Organised presentation
- ✓ Promotes sales
- ✓ Supports the circular economy





## Pick Pack Cellulose Bags



Pick Pack cellulose bags are made from FSC®-certified beech wood and are used for weighing, transporting, and storing fruits and vegetables. They also help prolong the freshness of produce when refrigerated. These bags feature a drawstring closure with a wooden lock, both made from FSC®-certified beech wood.

**Material** Cellulose

**Weave** Rhombus

**Dimensions (cm)** 28 × 32  
Other Dimensions,  
upon request

**Packaging** 1 unit, 250 pcs./box  
2 units, 200 pcs./box

**Colour** 

### ADVANTAGES

- ✓ Made from 100% renewable raw materials
- ✓ Reusable, compostable, and biodegradable
- ✓ Tear-resistant and moisture-resistant
- ✓ Free from petrochemicals and metal substances
- ✓ Natural appearance and soft texture, suitable for delicate products
- ✓ Extend the freshness of fruits and vegetables by up to three days thanks to their breathable and moisture-regulating properties
- ✓ Suitable for a wide range of food and non-food uses
- ✓ Both the netting and drawstring are made from FSC®-certified cellulose fibres
- ✓ Manufactured to the highest environmental standards with zero carbon footprint
- ✓ Certified for home composting and tested for food use in Europe and the USA



## Pop-Up Cellulose Bags

The Pop-Up bag is made from beech wood, a 100% renewable raw material, free from petrochemicals and metal substances. Weighing just 35g, it is reusable and features reinforced handles that make it comfortable to carry even when fully loaded. This bag is the perfect choice for transporting both food and non-food items.



### ADVANTAGES

- ✓ Durable, washable, and fully biodegradable at the end of its lifecycle
- ✓ High capacity and strength
- ✓ Reinforced handles ensure easy carrying of heavy loads
- ✓ Natural appearance and soft texture
- ✓ Certified for HOME COMPOST use in Europe and the USA

**Material** Cellulose

**Weave** Rhombus

**Weight** up to 10kg

**Dimensions (cm)** 10 × 50  
Other Dimensions,  
upon request

**Colour** 

## Small Packaging Plastic Bags



Small packaging bags are available in various shapes, sizes, and print designs based on the preferences of buyers. They can be open-ended or feature a zip-lock closure.

### ADVANTAGES



Highly durable, transparent, and excellent print quality

**Material** Polyethylene and polypropylene, micro and macro-perforated

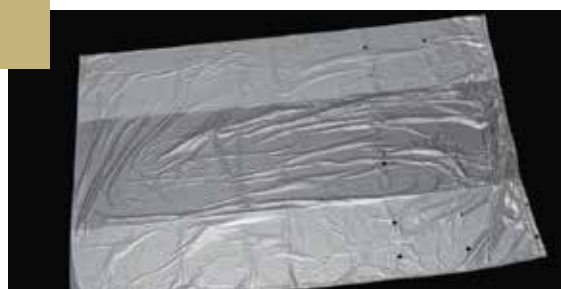
**Dimensions (cm)** For grapes: 27.5 x 20 and 25 x 17  
For other vegetables (mainly leafy): 12.5 x 30, 12.5 x 60, 20 x 40, 20 x 60, 20 x 70, 24 x 40, 30 x 40, 35 x 50 and 39 x 40

## Simple - Perforated Preservation Bags

Simple fruit and vegetable preservation bags are macro-perforated and can include perforations allowing the top part of the bag to be removed when the box reaches the shelf. They are ideal for preserving grapes, featuring the optimal number of holes to maintain the freshness of the produce.

**Material** HDPE

**Dimensions (cm)** top width / base width x length  
72/46 x 50, 72/46 x 65, 86/52 x 55, 99/59 x 65,  
99/59 x 70, 102/65 x 84, 105/61 x 65, 106/65 x 84



### ADVANTAGES



High durability







## LifeSpan Modified Atmosphere Bags

LifeSpan modified atmosphere bags are made from either polyethylene or polyamide (depending on the product being packaged) and are internationally recognised as essential and reliable tools for extending the shelf life of fresh fruits and vegetables.

Polyethylene bags are used for kiwis, pears, apricots, plums, cherries, persimmons, mangoes, apples, nectarines, peaches, artichokes, cauliflowers, Brussels sprouts, lettuce, broccoli, leeks, and celery.

Polyamide bags are used for avocados, bananas, blueberries, melons, pomegranates, grapes, strawberries, cucumbers, zucchinis, spring onions, aubergines, tomatoes, peppers, and green beans.

The dimensions vary according to the size of the box and the weight of the products being packaged. Each bag is tailored for a specific product and weight.

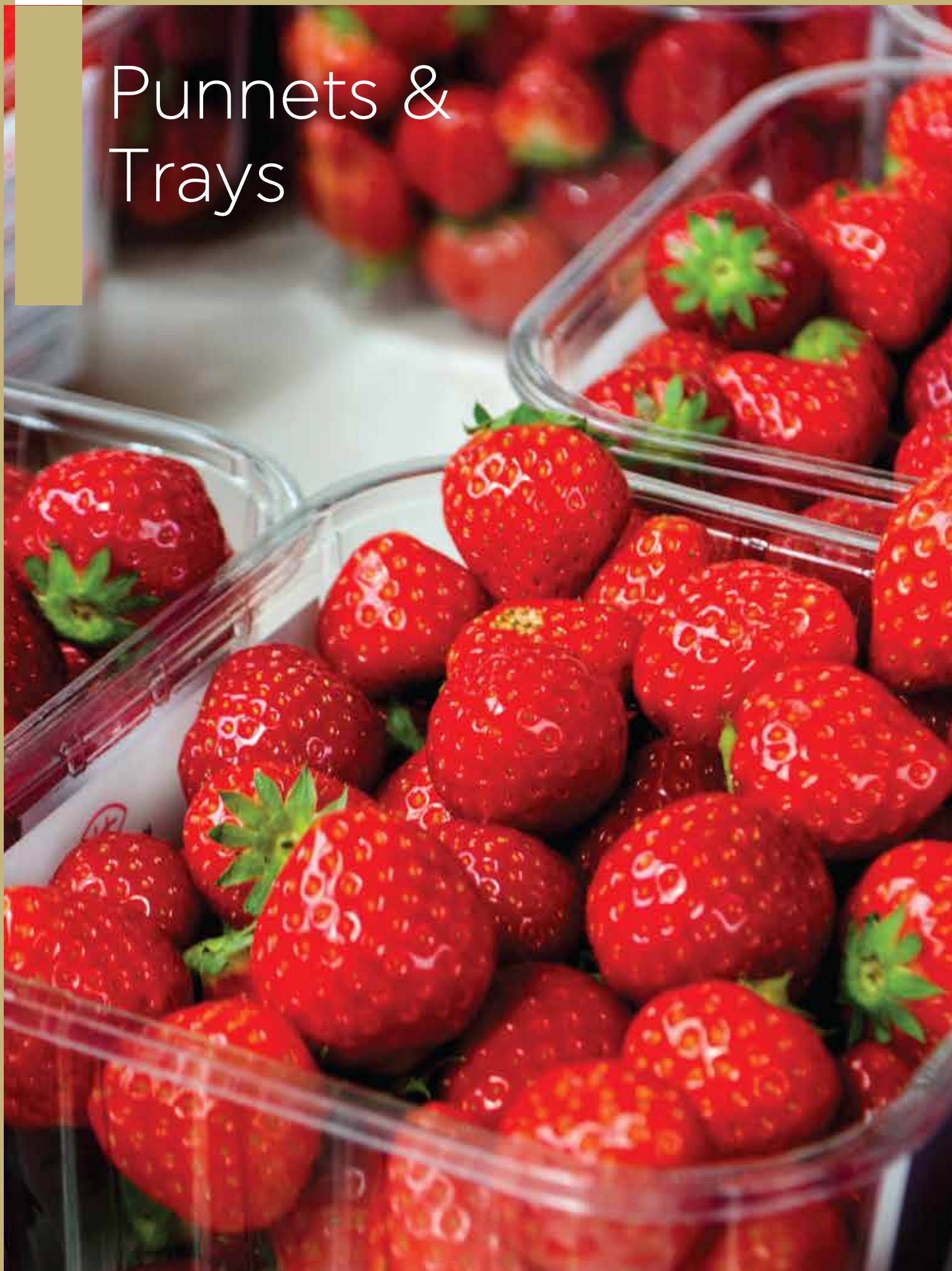


### ADVANTAGES

- ✓ Extends the commercial season of fresh produce
- ✓ Maintains the selling value of goods throughout the supply chain
- ✓ Preserves the quality of delivered goods
- ✓ Inhibits the development of certain types of decay
- ✓ Fresh products remain in a beneficial atmosphere from packaging to retail sale



# Punnets & Trays







## Plastic Punnets







Our fruit and vegetable punnets are of premium quality, branded, and certified by international bodies. Options include punnets made of polyester (PET), polypropylene (PP), or fully recycled polyester (RPET). They are designed with holes and slits to ensure adequate ventilation and cooling for fresh produce.

Punnets can remain open or be sealed with a matching lid, extruded or elastic netting, cling film, or lidding or flow-pack film. They are also available with built-in air-plast or absorbent pads at the base and printed handles.

## ADVANTAGES

- ✓ Excellent mechanical properties
- ✓ Wide range of shapes, sizes, 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	 







## Paper Trays

### ADVANTAGES

- ✓ 100% recyclable
- ✓ 100% biodegradable (if not PE-coated)
- ✓ Suitable for flow-pack and cling-film machines
- ✓ Folded along the longer side for added stability
- ✓ Enhances product presentation
- ✓ Optimal printing capability without significant cost increase
- ✓ Available with single or double polyethylene (PE) coating for enhanced moisture resistance
- ✓ Offered in various sizes and types

Dimensions of base and height (cm)	Packaging (pcs/box)
13.5 x 13.5 x 3 (tray of 4 pieces)	560
20.5 x 13.5 x 3 (tray of 6 pieces)	300

## Paper Punnets



Our paper punnets, made from white or kraft cardboard with single or double PE coating, are available as open-top or integrated lid designs. They are fully recyclable and suitable for food, fruits, and vegetables. They are particularly ideal for grapes, cherries, strawberries, apricots, kiwis, cherry tomatoes, cucumbers, peaches, nectarines, plums, and more.

### OPEN PAPER PUNNETS

These are suitable for automatic flow-pack and cling-film machines. Folded along the longer side for added stability.

### PAPER PUNNETS WITH INTEGRATED LID

These create a secure retail product due to their sealing capability. Options include windows made of PP or cellulose. Easy closure functionality.

Type	Dimensions of base and height (cm)	Packaging (pcs/box)
OPEN	16 x 10 x 5 (punnet 500g)	250
	15.3 x 9.3 x 9.6 (punnet 1000g)	200
WITH INTEGRATED LID	16 x 10 x 5 (punnet)	270
	18.2 x 11.4 x 6.5 (box)	500



### ADVANTAGES

- ✓ 100% recyclable
- ✓ 100% biodegradable (if not PE-coated)
- ✓ Single or double polyethylene (PE) coating for enhanced moisture resistance
- ✓ Optimal printing capability without significant cost increase
- ✓ Available in various sizes and types
- ✓ Enhances product presentation

## Plastic Inserts for Fruits & Vegetables



**Material** PP / PET

**For box dimensions (cm)** 20 x 30 / 30 x 40 / 27 x 46 / 30 x 50 / 40 x 60

**Colour**   

Our plastic inserts, certified by international bodies, ensure superior quality and are designed for the safe and easy transport of fruits and vegetables. Made from polypropylene (PP) and polyester (PET), these inserts are placed inside boxes to protect produce from impact and provide a "neat" packaging appearance.

They are used for packaging peaches, nectarines, apples, pears, kiwis, melons, tomatoes, apricots, pomegranates, figs, plums, and more.

### ADVANTAGES

Available in a vast variety of sizes, shapes, and configurations, especially tailored to the number of pieces per insert for all standard box types.

- ✓ High break resistance
- ✓ Greater cavity depth for increased fruit stability



## Paper Inserts for Fruits & Vegetables

Our paper inserts, made from paper or pulp, are used inside boxes to protect fruits from impact and enhance the "organised" appearance of the packaging.

They are ideal for packaging peaches, nectarines, apples, pears, kiwis, melons, tomatoes, apricots, pomegranates, figs, plums, and more.



### ADVANTAGES

**Material** Paper / Cardboard

**For box dimensions (cm)** 20 x 30 / 30 x 40 / 30 x 50 / 40 x 60

**Colour**    

- ✓ 100% recyclable
- ✓ High tear resistance





# Sacks & Bulk Bags





## Mesh Sacks with Drawstrings



Mesh sacks with integrated drawstrings are ideal for packaging fresh produce. Manufactured in compliance with European Directive 94/62/EC on packaging and packaging waste, ensuring safety for food use by limiting heavy metal concentrations.

### ADVANTAGES

**Material** HDPE

**Dimensions (cm)** 26 x 35 / 29 x 43 / 34 x 50 / 41 x 60 / 45 x 60 / 42 x 70 / 51 x 70 / 52 x 78 / 54 x 78

**Capacity (kg)** 3 - 40

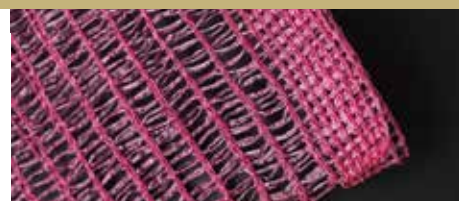
**Packaging** 1000 - 3000 pieces per bundle

**Colour** 

- ✓ Easy and practical packaging solution
- ✓ Durable drawstrings for secure closure
- ✓ Allow product ventilation and improved visual access

## Mesh Sacks with Selvedge

Mesh sacks with selvedge feature reinforced edging at the top. They are used for packaging potatoes, onions, and other fresh produce. Manufactured in compliance with European Directive 94/62/EC on packaging and packaging waste, ensuring safety for food use by limiting heavy metal concentrations.



### ADVANTAGES

**Material** HDPE

**Dimensions (cm)** 40 x 80 / 50 x 80 / 52 x 80 / 57 x 86

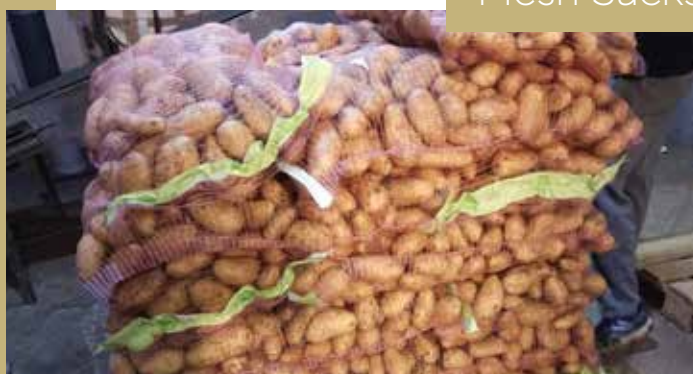
**Capacity (kg)** 5 - 40

**Packaging** 1000 pieces per bundle

**Colour** 

- ✓ Allow ventilation of the product and enhanced visual presentation

## Mesh Sacks on Rolls



Mesh sacks on rolls are interconnected, making them suitable for automated packaging facilities with automatic packaging machines. Manufactured in compliance with European Directive 94/62/EC on packaging and packaging waste, ensuring safety for food use by limiting heavy metal concentrations.

### ADVANTAGES

**Material** HDPE

**Dimensions (cm)** 34 x 39 / 34 x 50 / 41 x 60 / 50 x 80 / 54 x 80 / 56 x 80

**Capacity (kg)** 1.5 - 30 (1.5 - 5 with handle)

**Packaging** 2000 - 3000 pieces per bundle

**Colour** 

- ✓ Large rolls for continuous packaging
- ✓ Streamlines the packaging process and reduces operational costs
- ✓ Allows ventilation of the product and enhance visual presentation

## Woven Sacks RED3



The RED3 three-stripe sacks for olives are made from pure polypropylene raw materials, offering high durability. These are ideal for storing and transporting olives and have applications in other areas as well.

## ADVANTAGES

**Material** PP

**Dimensions (cm)** 55 x 105 / 60 x 110 /  
63 x 112 / 67 x 112

**Capacity (kg)** 40 / 50 / 60 / 70

**Colour** 



Made from pure raw materials without recycled content



Hemmed at the top for easier filling and stitching

## VERRET Mesh Olive Sacks

VERRET mesh sacks for olives feature reinforced weaving to effectively bear the weight of stored products. They are suitable for olives from both conventional and organic farming.

**Material** HDPE

**Dimensions (cm)** 55 x 108 / 60 x 108

**Capacity (kg)** 40 / 45

**Colour** 



## ADVANTAGES



Long-lasting durability



Allows the product to breathe



## Joot3 Jute Sacks

Jute sacks are made from the natural plant-based product jute, offering high durability and softness to prevent damage to stored goods. Hemmed at the top for easier stitching and reuse.



## ADVANTAGES



Securely package products



Allows the product to breathe

## JUTE SACKS FOR POTATOES:

**Dimensions (cm)** 51 x 81 / 60 x 110

**Weight (g)** 205 / 390

**Capacity (kg)** 25 / 50

## JUTE SACKS FOR OLIVES:

**Dimensions (cm)** 55 x 105 / 60 x 110 / 63 x 112 / 67 x 112

**Weight (g)** 340 / 400 / 430 / 925

**Capacity (kg)** 40 / 50 / 60 / 70

**Packaging** 50 pieces per bundle

JUTE SACKS MISPRINTED  
FOR LEGUMES, COFFEE, NUTS, etc.

**Dimensions (cm)** 55 x 105 / 60 x 110

**Weight (g)** 340 / 400

**Capacity (kg)** 40 / 50

**Packaging** 300 pieces per bundle

## Woven Polypropylene (PP) Sacks

Woven polypropylene sacks are perfect for storing and transporting various goods such as animal feed, grains, potatoes, and industrial materials. Their openings can be unhemmed, hemmed, or equipped with a filling valve. These sacks are certified and manufactured according to the strictest European technical standards.

**Material** PP

**Dimensions (cm)** 40 x 60 / 48 x 75 / 50 x 80 / 55 x 85/90/95/100/105/110 / 60 x 100/110 / 75 x 120

**Packaging** 1000 per bundle or laid flat on a pallet

**Colour** ☐ ☒ ☒

**Dimensions (cm)** 50 x 80 / 55 x 85

**Capacity (kg)** 25 / 30

**Packaging** 1000 per bundle or laid flat on a pallet

**Colour** ☒



### ADVANTAGES

- ✓ High strength and dense weaving
- ✓ Made from pure polypropylene raw materials, without recycled content

#### ANIMAL FEED SACKS

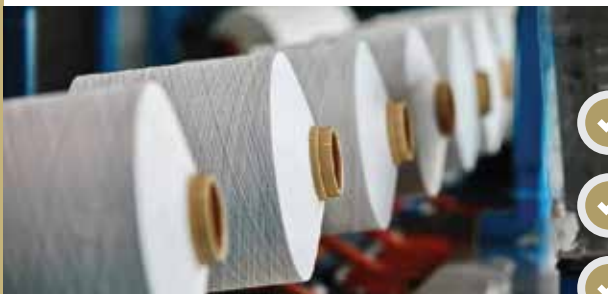
- ✓ Suitable for automated machines, available with or without a valve
- ✓ Features include gussets, printing options, and hemmed or unhemmed tops
- ✓ Laminated options available for pellets or charcoal

#### TRANSPARENT SACKS (WITH YELLOW STRIPES AND HOLES) FOR POTATOES

- ✓ Excellent transparency
- ✓ Holes on each side for optimal ventilation
- ✓ Available with or without hems

## DURONIMA Sack Sewing Thread

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



### ADVANTAGES

- ✓ High durability; impossible to tear by hand
- ✓ Lightly lubricated for smooth operation in machines
- ✓ Continuous weave without knots or fluff
- ✓ Steam-treated for resistance and stability
- ✓ Suitable for high-speed sewing machines

Bucket weight (kg)	Packaging (buckets/box)
0,25	80
7	4



## HELLAGRO FIBC Bulk Bags



HELLAGRO's FIBC Bulk Bags are fully customisable products, providing the most secure solution for transporting and storing loads between 500 and 2000kg. They accommodate various materials, such as liquids, powders, sand, seeds, granules, rocks, and wood.

Made from woven polypropylene (PP), they are available in numerous types and sizes, tailored to specific application and usage needs. Produced to the highest safety standards.

**Custom Options:**

- » Circular Fabric: Enhanced leak protection with fewer seams.
- » Corner Reinforcements (Q Bag/Baffle Bag): Maintains shape after filling.
- » Inner Liner (PE Bag): For transporting moist materials or protecting products from humidity.

## ADVANTAGES

- ✓ Wide variety of dimensions and types
- ✓ Secure transport of heavy loads
- ✓ Optimised storage and truck/container utilisation
- ✓ Easy to handle and fully recyclable
- ✓ Reusable in specific cases (SF 6:1 certified)

## OTHER FIBC BULK BAG TYPES

### VENTILATED BULK BAGS

HELLAGRO's ventilated bulk bags are made from woven polypropylene fabric with 20 vertical ventilation channels. Ideal for storing and transporting fresh produce like potatoes and onions, ensuring proper ventilation and protecting against spoilage.

Equipped with four loops, open tops, and bottom discharge valves for controlled unloading.



### Paper Sacks



Paper sacks are suitable for storing and transporting raw materials such as flour, animal feed, seeds, cement, and more.

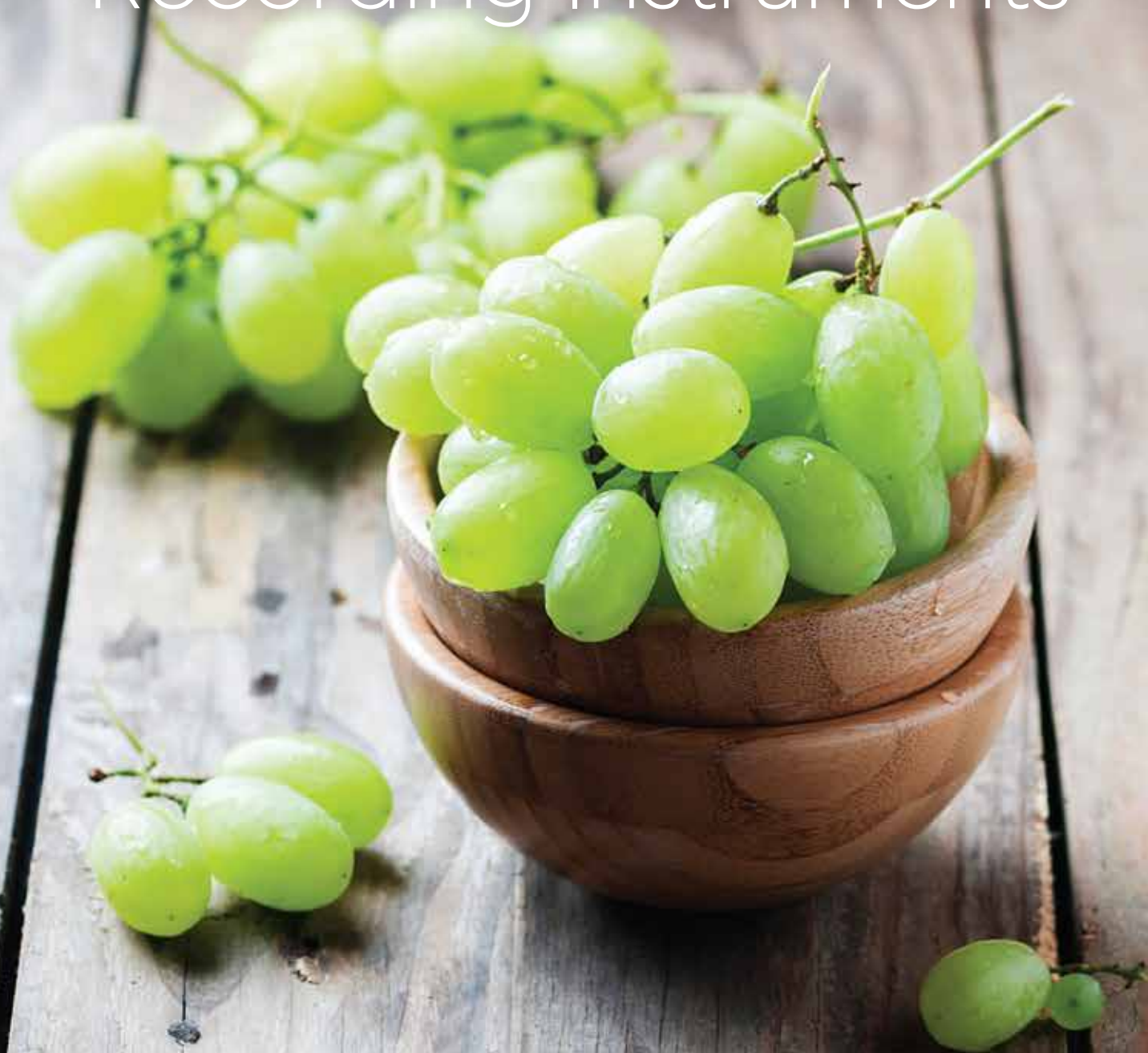
Available Types:

- » Open-mouth sacks
- » Valve sacks for filling
- » Sacks with handles, bottoms, or gussets
- » Printed sacks in white, brown, or photographic paper
- » Waterproof paper sacks





# Preservation Packaging & Chemicals and Measurement & Recording Instruments





## UVASYS Grape Preservative Sheets



The South African UVASYS grape preservative sheet, also known as a sulphur dioxide generator, is an innovation in grape preservation. It is the only dual-release plastic preservative sheet for grapes. Options include:

- **FAST FRESH:** Single-release sheet for preservation during transport or short-term storage.
- **UVASYS VIVO:** Dual-release and fully recyclable.
- **UvasQuality:** A classic paper preservative sheet for grapes from Chile.

Box Dimensions (mm)	UVASYS Dimensions (mm)	Packaging (pcs./pack)
400 x 300	356 x 260	1000
500 x 300 and crate	460 x 260	500
600 x 400 and crate	460 x 350	500
600 x 400	530 x 350	500

### ADVANTAGES

- ✓ Facilitates easy grape box packaging
- ✓ Ensures uniform and stable distribution of sulphur dioxide in the box
- ✓ Reduces costs by eliminating paper packaging materials
- ✓ Adaptable to fit most box sizes
- ✓ Allows easy resealing of the sheet in case a box is opened
- ✓ Safe: The chemical cannot leak, even if the UVASYS sheet is torn
- ✓ Extends storage periods without requiring preservative replacement
- ✓ Grapes sustain less damage during refrigeration interruptions as UVASYS does not emit large gas bursts
- ✓ Does not degrade during refrigeration interruptions
- ✓ Low sulphite residues in table grapes (<5ppm), compliant with European regulations (EC No. 1333/2008 and amended by EU No. 1129/2011)
- ✓ Maintains consistent appearance before and after use
- ✓ Protects unpacking personnel from high sulphur dioxide levels
- ✓ Compact sheets save storage space
- ✓ Sheets do not need removal before supermarket shelf placement
- ✓ Batch numbers printed on each sheet enable traceability
- ✓ Manufactured by a BRC-certified company



## BEfresh Ethylene Absorption Sachets

BEfresh ethylene absorption sachets are an optimal solution for removing ethylene and other pollutants (VOCs, fungal spores, bacteria) present during the transport and storage of fruits, vegetables, and ornamental plants. These pollutants are a major factor in the quality degradation of fresh products. BEfresh sachets protect perishable goods from source to destination throughout the distribution chain.



## ADVANTAGES

- ✓ Made from 100% Tyvek with dual absorption surfaces
- ✓ Highly air-permeable
- ✓ Exceptional moisture resistance
- ✓ Approved for food contact
- ✓ High-security sealing to prevent leakage
- ✓ Market-leading absorption capacity
- ✓ Option to print client branding

## Recommended for:

- Refrigerated containers (cold storage, Controlled Atmosphere)
- Land freight
- Modified Atmosphere Packaging (MAP)
- Low airflow conditions

Available in two sizes: 3g and 5g





## BEfresh Ethylene Absorption Filters/Bars

BEfresh transport filters are the ideal solution for removing ethylene and other pollutants (VOCs, fungal spores, bacteria) during the marine and road transportation of fruits, vegetables, and ornamental plants.



Available in three sizes: 100, 75 and 50cm

### ADVANTAGES

- ✓ Made from 100% recyclable material
- ✓ Market-leading absorption capacity
- ✓ Easy installation with an integrated mounting system for secure placement on ventilation grids
- ✓ Optimised granular compression to prevent air bypass
- ✓ Enhanced tubular filter rigidity to avoid warping under compression
- ✓ BEsafe halogen-free sealing ensures perfect closure, preventing filter opening and material leakage

## BEfresh Ethylene Absorption Containers

In the warehouses of produce importers and wholesalers, there is a continuous flow of perishable goods, creating an environment conducive to bacterial and pathogen growth. BEfresh ethylene absorption containers are designed for air disinfection in such warehouses, removing ethylene and various pollutants (VOCs, fungal spores, bacteria) present during the storage of fruits, vegetables, and ornamental plants.



Available in 11kg containers

### ADVANTAGES

- ✓ Made from 100% recyclable material
- ✓ Market-leading absorption capacity
- ✓ Manufactured from halogen-free material with high impact resistance
- ✓ V-shaped design reduces air resistance and increases contact surface area
- ✓ Optimised granular compression to prevent air bypass
- ✓ Adjustable side regulators for precise fit across diverse configurations

## Fruit Coating Waxes



Fruit coating waxes are produced in compliance with the latest European Directives and Regulations for safe use on fresh produce. They are available as water-soluble ("hot waxes") or solvent-based ("cold waxes" or "gloss enhancers"). Their primary application is on citrus fruits, though they are also permitted for some other fruits. Wax coatings prevent fruit dehydration, thereby preserving their freshness.

## ADVANTAGES

- ✓ Provide impressive gloss, enhancing the fruits' visual appeal to consumers
- ✓ Dry quickly, even at low temperatures
- ✓ Act as a medium for fungicide application on fruits
- ✓ Ensure compliance with regulatory checks in Europe and export destinations

Available in barrels of 100 and 200 liters



## Sanifruit Post-Harvest Protection



Sanifruit products are natural compositions based on food preservatives, additives, and plant extracts. Many of these products are certified organic and compatible with organic farming. Sanifruit solutions are available for post-harvest protection of citrus fruits, stone fruits, apples, pears, melons, bananas, avocados, and peppers.

## ADVANTAGES

- ✓ Natural and free from chemicals, promoting a healthier and more sustainable planet
- ✓ Combat external factors affecting fruit shelf life post-harvest
- ✓ Reduce dehydration and weight loss
- ✓ Protect against chilling injuries
- ✓ Extend product shelf life
- ✓ Help maintain fruits' organoleptic characteristics, driving consumer purchases
- ✓ Prolonging fruit shelf life helps reduce food waste, thereby lowering CO<sub>2</sub> emissions
- ✓ Proven effectiveness





## Various Cleaning Agents

Available options include fruit washing detergent and a line cleaner specifically designed for removing wax coatings.

### ADVANTAGES



Fully compliant with all required market approvals

Fruit washing detergent: Supplied in 200-litre barrels  
Wax cleaner: Supplied in 5-litre containers

## Instruments for Measuring & Recording Fruit Properties

Our measurement and recording instruments are of premium quality, accompanied by essential quality certificates and calibrations.

**FRUIT CALIPERS:** For measuring and recording the dimensions (usually diameter) of fruits. Available in plastic or metal, analogue or digital.

**ROOM THERMOMETERS:** For measuring temperature in refrigerated chambers. Includes spike thermometers for measuring fruit pulp temperature.

**ACIDITY METERS:** For measuring and recording the acidity of fruits. Available as digital and handheld devices.

**HYGROMETERS:** For measuring and recording relative humidity in refrigerated chambers.

**PENETROMETERS:** For measuring and recording fruit firmness. Available in analogue, digital, handheld, and tabletop versions.



**REFRACTOMETERS (BRIX METERS):** For measuring and recording sugar content in fruits. Available as analogue and digital.

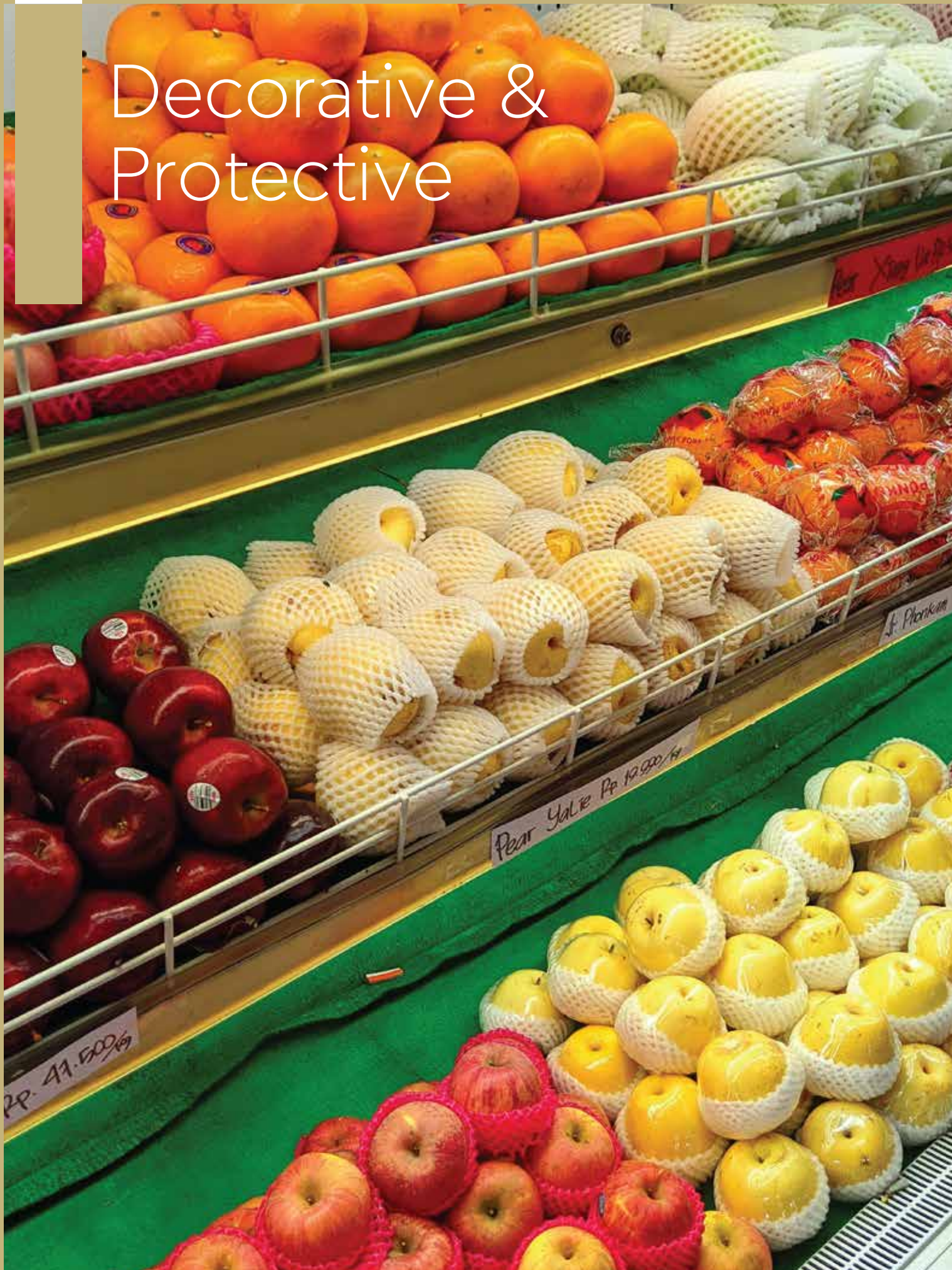
**GAS DETECTORS:** Comprising metal syringes and ampoules for measuring and recording gas concentrations (typically ethylene and carbon dioxide) in fruit and vegetable storage chambers.

**THERMOGRAPHS:** For measuring and recording temperature in refrigerated chambers, refrigerated trucks, and containers. Available in mechanical and electronic (USB) formats.





# Decorative & Protective





## Box Liners



Box liners are placed inside wooden crates to prevent friction between fruit and wood, while also providing a unique identity for the products. Made from polyester (PET), these liners are food-safe and available as transparent or printed.

**Dimensions (cm)** 10.5 / 13 / 16 x 150  
Other dimensions upon request

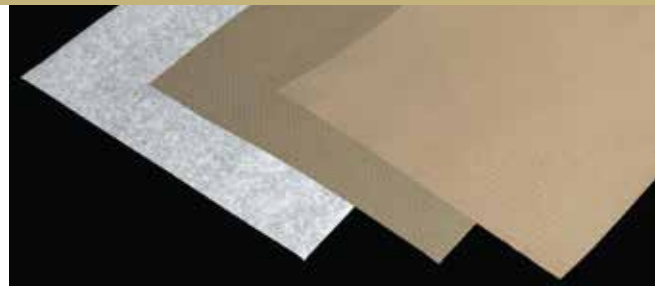
**Colours** up to 6 printing colors

### ADVANTAGES

- ✓ Tear and crease resistance
- ✓ Excellent transparency and print quality

## Box Pads

Box pads are placed at the bottom of boxes containing fruits or vegetables, whether or not preservation bags are used. They are corrugated to create a "protective cushioning" for the produce while simultaneously absorbing excess moisture in the box, reducing the risk of decay.



**Box dimensions** 30 x 40 / 30 x 50

**Packaging (kg/package)** 10

### ADVANTAGES

- ✓ High moisture absorption capacity
- ✓ Certified for food contact

## Fruit Wrapping Paper



Fruit wrapping paper provides individual identity to each fruit. Available in three grades, depending on the thinness and softness of the paper.

**Dimensions (cm)** 25 x 25  
Other dimensions upon request

**Colours** up to 8 (for general printing, with blue or black background)

### ADVANTAGES

- ✓ Exceptional print quality
- ✓ Soft texture to prevent damage to the fruit

# Pallet Packaging





## Corner Protectors



Corner protectors strengthen packaging and safeguard products during transport. ELTETE corner protectors comply with the European standard EN 13393 for protection angles. Available in paper or plastic, in various sizes (pre-cut or custom-cut) and formats (wrap-around or puzzle), they can also be coloured, printed, or plain, depending on usage. The paper variants are made from virgin paper (fullkraft) of consistent quality.

**Wing span (mm)** 30 / 35 / 43 / 45

**Thickness (cm)** 3 / 3,5 / 4 / 4,5

**Length (cm)** 95 - 230

**Colour** ☐ ☒

### ADVANTAGES

- ✓ Exceptional durability
- ✓ Water-resistant, especially under high humidity conditions (e.g., fruit packaging facilities)

## Pallet Netting

Pallet netting is made from polyethylene (HDPE) and comes in three types: hand-operated, machine-operated, and elastic machine types. It facilitates airflow and is primarily used for packaging agricultural products. It is especially suitable for cooling environments such as dairy products, fresh fruits and vegetables, and ornamental plants.



### ADVANTAGES

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



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

## Plastic Strapping

Pallet strapping ensures secure and reliable packaging, protecting loads during transportation. Compatible with manual, semi-automatic, and automatic machines. Types available include polypropylene (PP), polyester (PET), and woven strapping.

### POLYPROPYLENE STRAPPING

High-quality and durable, offering cost efficiency and excellent functional characteristics.

### WOVEN STRAPPING FOR RECYCLING PRESSES

Made from polyester, recommended for outdoor use. Waterproof and can withstand temperatures up to 60°C. Suitable for manual use with a tensioner and compatible with safety buckles for secure fastening.



### POLYESTER PET STRAPPING

Due to its exceptional mechanical strength, it is ideal for demanding applications. Available in various types for use with manual, battery-operated, semi-automatic, and automatic machines.

- » Made from recycled materials and recyclable after disposal.
- » Elasticity allows shock absorption.
- » Maintains maximum holding strength, ensuring flawless wrapping with minimal creasing.
- » Resistant to tightening and oxidation over time without loosening.
- » Protects operators from injury during sudden cuts.

Indicative dimensions width x thickness (mm)	Inner cylinder diameter (mm)	Colour
9 x 0.55 / 12 x 0.55 / 12 x 0.73 / 12 x 0.75 / 12 x 0.80	200 / 406	   

## Strapping Buckles

Strapping buckles are metal and available in various types depending on the strapping machine used. They are compatible with PP and PET plastic strapping, as well as safety buckles for woven straps.



Dimensions (mm)	Packaging (pieces/box)
13 / 16	1000 / 2000

### ADVANTAGES



For simple manual strapping machines, the buckles feature serrations for better adhesion to plastic strapping







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