



WESTERN PLASTICS

INDUSTRIAL Product Catalogue

we deliver packaging solutions

WESTERN PLASTICS

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Your single source for total packaging solutions



Industrial

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Since being established in 1976, Western Plastics have been bringing our customers Ireland's most comprehensive range of quality packaging supplies.

Over the last twenty five years, Western Plastics has grown into an international multi-site packaging manufacturer. With three state-of-the-art sales and manufacturing facilities in North America our customers can be sure of being at the forefront of global packaging innovations.

Locations:

- Western Plastics, Galway, Ireland.
- Western Plastics, Dublin, Ireland.
- Western Plastics Georgia, U.S.A.
- Western Plastics, California, U.S.A.
- Western Plastics, Ontario, Canada.

WESTERN PLASTICS IS 100% IRISH OWNED



Pallet Wrap



Stretch Wrap

Banding stretch wrap is made from Linear low density polyethylene (LLDPE) film.

Banding film has a wide range of uses including: Bundling smaller packages together, saving on transport costs. Securing edge-boards and top sheets to pallet before pallet wrapping. Wrapping products and boxes, without leaving residue like tape.

Comes with extended core handles or flush core for use with a dispenser.

i All Pallet Wraps available in Hand and Machine rolls.

Pre-stretched Pallet Wrap

Pre-stretched Pallet wrap is made from Linear low density polyethylene (LLDPE) film. This film in hand-roll format gives you the load holding strength of a power-pre-stretch pallet wrapping machine to every hand-roll. In machine roll format; this again gives every pallet-wrap machine the load hold quality and reduced film usage as if you had a power pre-stretch head on standard pallet wrap machine.

Ideal for light loads or weaker cases. Avoiding pulling the light load off the pallet or crushing the corners of the pallet while stretching standard film. Minimal or no tension ne be applied while wrapping with prestretched film. This wrap comes in both hand and machine rolls.



Tinted Pallet Wrap

Tinted pallet wrap is made from Linear low density polyethylene (LLDPE) film. Pallet stretch wrap can be manufactured using tinted coloured resins.

Common uses include:

1. Coloured and tinted films are often used as quick and easy way to identify your goods and easily structure your stock control for a first in first out policy. Simply change colour at predetermined dates, this will highlight your oldest stock so you can process this first.
2. Coloured and tinted films are also used in incoming good inspection. Where they will wrap tested and approved materials in one colour, non-conforming in another and untested stocks left in its original wrap. This negates the need to have 3 separate isolated areas for your raw materials and incoming goods.

Tinted pallet stretch wrap comes in hand and machine roll formats and can be used with most machines and dispensers.



Airflow Pallet Wrap

Airflow pallet stretch wrap is made from Linear low density polyethylene (LLDPE). This Film is Macro-perforated to facilitate fresh air circulating through the film and around the product after pallet wrapping.

This film is used in a range of industrial sectors including: Canneries and dairy: avoid condensation build up while product cools. Produce growers: lets fruit, veg and living plants breath during storage and transport. Medical and pharma Sector: sterilisation of full pallets after pallet wrapping.

Can be supplied in both Hand rolls and Machine rolls and works on most standard Pallet wrapping machinery.



i Machine Wraps come in standard 100%, 200% and 300% power pre-stretch.

Opaque Coloured Pallet Wrap

Pallet stretch wrap can be manufactured using opaque coloured resins. Common uses for Opaque pallet wrap is threefold:

1. Conceal the nature of your high value goods during transported.
2. Block sunlight; protect your product from excessive sunlight which may cause product / printed boxes to bleach during extended periods of direct sunlight.
3. Coloured and tinted films are often used as quick and easy way to identify your goods and easily structure your stock control for a first in first out policy. Simply change colour at predetermined dates this will highlight your oldest stock so you can process this first.

Opaque pallet stretch wrap comes in hand and machine roll formats and can be used with most machines and dispensers.

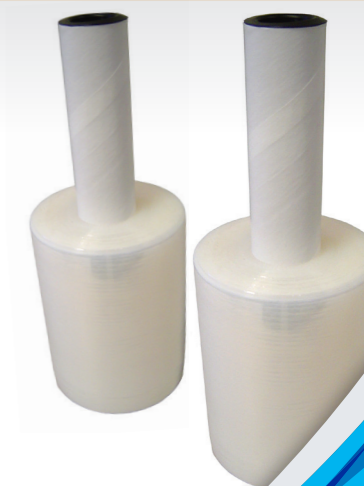


Banding Film Pallet Stretch Wrap

Banding stretch wrap is made from Linear low density polyethylene (LLDPE) film.

Banding film has a wide range of uses including: Bundling smaller packages together, saving on transport costs. Securing edge-boards and top sheets to pallet before pallet wrapping. Wrapping products and boxes, without leaving residue like tape.

Comes with extended core handles or flush core for use with a dispenser.



Bags & Liners



Refuse Sacks

Manufactured from top-quality PE, these bags offer excellent perforation resistance and adapt to most waste disposal units

Available in a comprehensive range of sizes, thickness and colours or tints or can be manufactured to your specifications. These bags can also be custom printed.



Bubble Bags

Manufactured from heavy duty bubble wrap, bubble bags are designed as impact resistant protection for products in storage and transit. Bags are commonly designed with a self-seal closer.

Bubble wrap bags come in a range of formats to suit your requirements. Starting from a small self-seal pouch commonly used in flat packs or household appliances, protecting fragile items from impact damage during storage and transit.

Larger bubble bags are also used to encapsulate the entire appliance. This doubles as both impact resistance and a damp proof barrier.

Foam Bags

Manufactured from heavy duty flexible Polyethylene, foam bags are designed as scratch resistant protection for products in storage and transit. Foam Bags are commonly designed with a self-seal closer. Also available in antistatic format for protecting electronic components.

Sizes starting from a small self-seal pouch commonly used in flat packs or household appliances. The bag contains the instruction manual and the assembly / spare parts. The use of foam protects the appliance from scratches or grazing from sharp edges during transport.

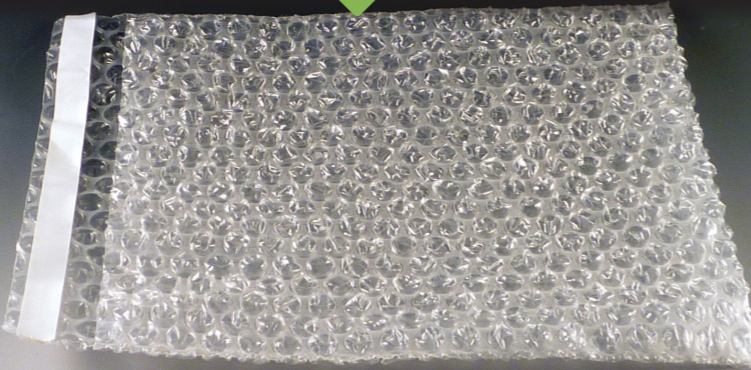
Larger foam bags can encapsulate an entire appliance and double as both scratch resistance and a damp proof barrier.



Zipper Bags

Re-sealable zipper bags are similar to a grip seal bag but includes a simple slider for quick and easy opening and closing of the bag.

These bags come in a wide range of colours, sizes and thicknesses. Zipper bags can also be printed to suit your specifications.



Compactor Bags

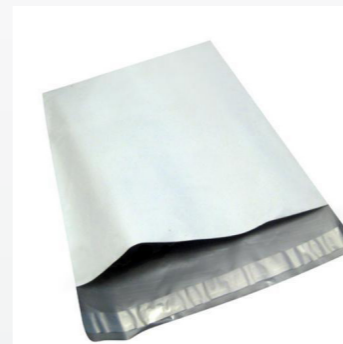
Compactor bags are manufactured from super heavy duty PE film, these bags offer excellent perforation resistance and are designed to adapt to most compactor machinery.

Available in a comprehensive range of sizes, thicknesses or can be manufactured to your specifications. Can be manufactured transparent, opaque colours, tinted and or printed.

Self-seal Bags

Manufactured using PE film these Self-seal bags are used in a vast range of industrial applications. Common of which is separating loose components like nuts and bolts, assembly instructions in flat pack furniture or machinery. Depending on the bags use, the glue used can be a tamper-evident seal* or else can be open and closed a small number of times before becoming inactive.

A tamper-evident seal is one where once sealed, opening would damage the bag to such an extent it is obvious to the naked eye.



Grip-seal Bags

Grip seal bags are made from low density PE film. These bags are resealable and come in a vast array of sizes, thicknesses and colours.

Standard sizes are available or are manufactured to suit your application. These bags are commonly referred to as zip-lock bags or mini-grip bags.



Bags & Liners



Food Grade Box Liners

These foodgrade box liners are used by food processing plants. Meat, fish processing and ingredient manufacturing plants use these BRC certified bags to line their cartons for bulk storage and transport. These bags are EU Certified for food contact where cardboard is not.



Non-food Grade Box Liners

These non-foodgrade bags and box liners are commonly used by manufacturing plants use these bags to line their cartons for storage and transport. These bags are used as a barrier to protect the goods from moisture, spills, damp and dust while in storage and transit.



i Box liners are normally gusseted at the sides to facilitate the box shape. Standard sizes are available or are manufactured to suit your container specifications.

Big Bags

Big bags are made from low density PE film. These bags are resealable and come in a vast array of sizes, thicknesses and colours.

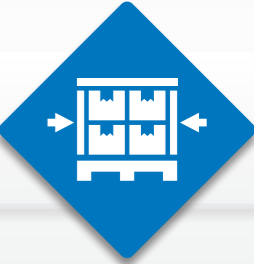
Standard sizes are available or are manufactured to suit your application. These bags are commonly referred to as zip-lock bags or mini-grip bags.

Vaccuum Bags

Manufactured using PE film these foodgrade bags are used in a vast range of industrial food applications.



Palletising & Protection



Pallet Hoods

Standard Pallet hoods come in two formulations; shrinkable and non-shrinkable formats. Both are designed for complete protection for your pallets from spills, rain, dust and dirt splashes etc.

Shrink hoods work as both a full pallet cover and pallet wrap in one. A heat gun is used to shrink the hood around the product and pallet securing the load as one unit. Shrink hoods Work well with a pallet bottom sheet to give all-round protection form dirt and moisture.

Standard non shrinkable hoods are commonly used as a converting from the elements for short term storage outside. Or along with pallet wrap, gives complete protection from the weather during transport. Hoods can also come with UV protection in the film to add sun protection avoiding box artwork fading / bleaching due to long-term exposure to direct sunlight.



Industrial Sheeting

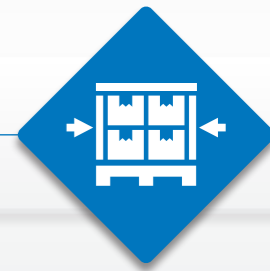
Industrial Sheeting is made from Linear low density polyethylene (LLDPE) film. Sheeting commonly comes either continues on a roll or can be perforated to suit your requirements. Sheeting can also come in pre-cut sizes in a box. Shrinkable versions are also available for shrink wrapping large bespoke items like machinery or boats.

Sheeting has a range of applications, most common of which include:

1. Pallet top and bottom sheets.
2. Disposable tarpaulin / Dust covers
3. Waterproof bespoke product packaging
4. Polytunnels manufacture

Standard sizes, widths and thicknesses are available in stock or can be manufactured to suit.





Palletising & Protection

Edge Boards

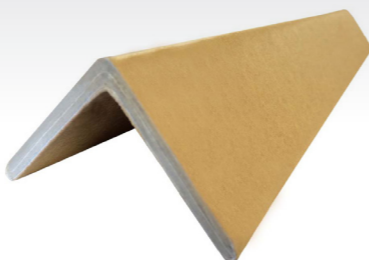
Edge-boards are used as a reinforcement protection on pallet or product corners. Common causes of damage is due to excess pallet wrap, excessive tension settings on pallet wrap machines or inadequate body strength in cardboard box walls. These commonly cause corner / edge crushing during or after pallet wrapping.

Edge-boards are stocked in a range of lengths, widths and thicknesses or can be manufactured to suit your particular requirements.



Edge Protectors

Edge protectors also known as corner protectors are a reinforced ninety degree angle, high density plastic corner. Edge protectors work in conjunction with pallet strapping, spreading the load at the corners of the product avoiding the straps biting / crushing the edges of the product during transport.



Polypropylene Strapping

Polypropylene Strapping is the most economical webbing used on light to medium weight pallets and boxes. PP strapping can be bound using metal clips or welded. The welding method is often used for light boxes or bundling products example: briquettes. The metal clips are more often used for pallet or load holding while the strapping would be under tension or strain.

PP strapping comes both on a core for strapping machines or on a reel for use on a dispenser. Strapping comes in a range of colours, widths and thicknesses and the corresponding clips / seals and application tools to match.



Nylon Strapping

Nylon strapping is a heavy duty industrial strap designed to secure heavy loads to a pallet.



Combo Tool

The Strapping Combo unit is a combination of the tensioner and sealer tools for Polypropylene strapping.



PP Strapping Clips

These Polypropylene strapping clips or buckles are made from steel for use with tensioner and sealer tools on PP strapping. Zinc coated clips are available on request for extended outdoor storage.

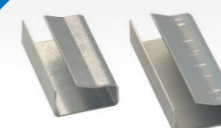


Strapping Sealer

This strapping Sealer is used on strapping clips in conjunction with a tensioner on PP strapping. Sealers, also known as a crimp tool is used to close and seal the metal clips.



Seals



Strapping Tensioner

This Strapping Tensioner is used to hold, tension and cut polypropylene, polyester or nylon strapping. This tool works in conjunction with metal clips and a sealer or buckles.





Product Protection

Product Hoods



Void Fill - Air & Foam

Bubble Wrap Roll

Bubble wrap is made from low density PE Resin. Used primarily as impact protection and commonly as void fill cushioning. WP bubble comes in a standard 1.5 meter roll or the roll split into 2, 3 or 5 narrower rolls often referred to as a bundle. There are two standard sizes; large bubble and small bubble. Large has a bubble diameter of approx. 25 mm and small is approx. 10 mm.



Foam Wrap Roll

Antistatic foam wrap is designed to protect electronic components from both Scratch protection as well as electrostatic discharge. Antistatic foam can be designed perforated on a roll and or the roll split into 2, 3 or 5 narrower rolls.



Bubble Wrap Sheet

Bubble wrap can be manufactured in sheet format to suit specific applications. Sheeted bubble saves time and waste cutting or tearing the wrap to suit a standardised requirement.

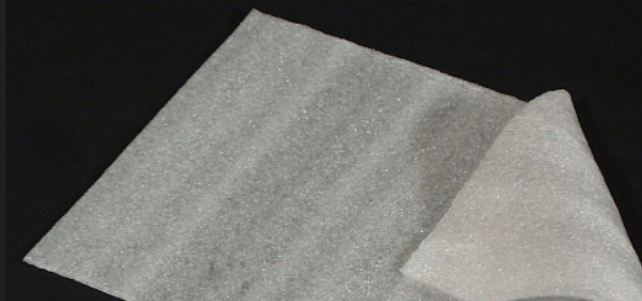
Sheeted Bubble wrap is manufactured to order. Contact us for a quotation.



Foam Wrap Sheet

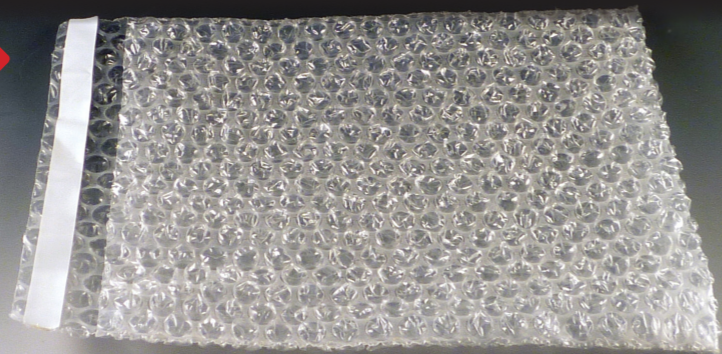
Foam wrap can be manufactured in sheet format to suit specific applications. Sheeted foam saves time and waste cutting or tearing the wrap to suit a standardised requirement.

Sheeted foam is manufactured to order. Contact us for a quotation.



Bubble Wrap Bag

For details see page 4.



Foam Bag

For details see page 4.





Product Protection

Antistatic Bubble Wrap

- Roll
- Sheet
- Bag



Antistatic bubble wrap is designed to protect electronic components from both impact protection as well as electrostatic discharge. Antistatic bubble can be designed perforated on a roll and or the roll split into 2, 3 or 5 narrower rolls.

Antistatic bubble wrap is often used as void fill when packaging electronics where Styrofoam forms or packaging nuts may cause a static charge to build-up due to friction during transport.



Antistatic Foam Wrap

- Roll
- Sheet
- Bag



Antistatic foam wrap is designed to protect electronic components from both Scratch protection as well as electrostatic discharge. Antistatic foam can be designed perforated on a roll and or the roll split into 2, 3 or 5 narrower rolls.



Personalised Tape

Printed personalised tape come in a range of colours and is commonly printed with your logo, brand or slogan.

This personalised printed packaging tape comes in either Polypropylene or PVC. Most commonly supplied in 2" (50mm) and 3" (75mm) wide. All sizes com in standard lengths of 50 meter for dispensers or 990 meter for machine use.



Polypropylene Tape

This Polypropylene packaging tape is commonly supplied in 2" (50mm) and 3" (75mm) wide rolls. All sizes come in standard lengths of 50 meter for dispensers or 990 meter for machine use.



Printed Tape

Printed tape come in a range of colours and is commonly printed with standard wording. Example: Fragile, Handle With Care, Caution etc.

This printed packaging tape comes in either Polypropylene or PVC. Most commonly supplied in 2" (50mm) and 3" (75mm) wide rolls. All sizes come in standard lengths of 50 meter for dispensers or 990 meter for machine use.



PVC Tape

This heavy duty Polyvinylchloride (PVC) packaging tape is commonly supplied in 2" (50mm) and 3" (75mm) wide rolls. All sizes come in standard lengths of 50 meter for dispensers or 990 meter for machine use. PVC tape is commonly used in cold

stores and freezers as the tape and glue withstand temperature extremes more so than PP tape.





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