Experts in our field.

We Make. We Supply. We Deliver.
<table>
<thead>
<tr>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manufacturing</strong></td>
</tr>
<tr>
<td>Bale Wrap, Silage Sheets and Tape</td>
</tr>
<tr>
<td><strong>Bale Wrap</strong></td>
</tr>
<tr>
<td>Epic 7</td>
</tr>
<tr>
<td>Epic 5</td>
</tr>
<tr>
<td>Enviro Plus</td>
</tr>
<tr>
<td>Epic 5 - Purple</td>
</tr>
<tr>
<td><strong>Bale Net</strong></td>
</tr>
<tr>
<td>Gold Double Chain Bale Net</td>
</tr>
<tr>
<td>Red Bale Net</td>
</tr>
<tr>
<td>Stack Netting</td>
</tr>
<tr>
<td>Double Chain Technology</td>
</tr>
<tr>
<td><strong>Silage Sheets</strong></td>
</tr>
<tr>
<td><strong>Baling Twine</strong></td>
</tr>
<tr>
<td><strong>Silage Tape</strong></td>
</tr>
<tr>
<td><strong>Powertite</strong></td>
</tr>
<tr>
<td><strong>Terms &amp; Conditions</strong></td>
</tr>
</tbody>
</table>
## Manufacturing

### Bale Wrap
- Blown extrusion.
- Windmöller (7 layers).
- Reiffenhauser (5 layers) x 2 lines.
- 12,000 tonnes annually.

### Bale Netting
- The largest producer of net products in the world.
- 1 million rolls of bale net annually.
- KARL MAYER machines.

### Baling Twine
- 20 machines.
- Italian made Sima machines.
- German made Barmag machines.
- 36,000 tonnes annually.
- All types of twine produced: Big bale, medium, hay & fine.

### Silage Sheets
- Specification labeled on each sheet.
- Virgin polymers.
- 02 impermeability 24 hours.
- Flexibility to adhere to silage.
- High puncture / tear resistance.

### Silage Tape
- Epicrop Silage Tape is high strength, strong adhesive PVC tape.

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We provide premium packaging solutions to the agricultural world.

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### Operations in:
- Dublin
- Cork
- Belfast
- UK
- Spain
- Poland
- Germany
- Portugal
- Greece
- China
- Australia
- New Zealand
- Canada
Plastics Extrusion
Plastics extrusion is a high volume manufacturing process in which raw plastic material is melted and formed into a continuous profile. One of the most common methods of film manufacture is Blown Film Extrusion. The process involves extrusion of a plastic through a circular die, followed by ‘bubble-like’ expansion. The principal advantage of manufacturing film by this process is stronger puncture resistance.

Multi-layering
Our agri film is manufactured by five and seven multi-layer co-extrusion lines while single-layer and three-layer film production is increasingly intended for a limited and low target market.

Blown-Film Extrusion
1. The volume and pressure of air “blown” into the tube causes the material to stretch, thereby determining the overall size of the bubble and the width of the finished sheet.
2. This same action, in conjunction with the rate at which the bubble is being pulled upward away from the die, determines the thickness of the finished film.
3. The bubble begins the air-cooling process while traveling up to the nip rollers.

The multi-layer film ensures an enhanced management of raw process materials and optimised additive distribution in every layer, thus increasing film physical and mechanical properties.
**EPIC 7**

The **Strongest** and most technically advanced wrap on the market.

EPIC 7 is a 7 layer co-extruded blown stretch film developed with high performance advanced polymers, manufactured using the very latest state of the art 7 layer extrusion production systems.

**EPIC 5**

With 5 layer technology, all the mechanical aspects of a bale wrap are maximised resulting in a consistently reliable, high quality, high performing film.

In order to provide the ideal ensiling environment balewrap needs to offer a number of important elements such as strength, puncture and tear resistance, elasticity, UV stability and the ability to cling in all circumstances.

---

**ENVIRO PLUS 1650**

- Up to 3 extra bales per roll.
- Less downtime (fewer roll changes).
- Less waste in roll cores and roll packaging.
- Less roll handling.
- Economical - saving money.

**ENVIRO PLUS 1900**

- Up to 6 extra bales per roll.
- Wrap with 6 Layers with no extra cost.
- 7 Layer gives super strength and excellent O2 barrier properties.
- Unbeatable price per bale.

---

**EPIC 5 - PURPLE**

- Greater strength and cling.
- UV stabilisation protection.
- Greater resistance to oxygen ingress.
- Consistent trouble-free wrapping.
- Great value for money, elasticity, UV stability and the ability to cling in all circumstances.
Epicrop Bale Net has proven to **consistently deliver** all of the performance criteria demanded by contractors for all baling conditions.

Epicrop Bale Net not only delivers you guaranteed length and full bale coverage, but also competitive prices which ensure customer satisfaction.

**Using Epicrop Bale Net:**
- Full Bale coverage performance.
- High strength to cope with the heaviest of bales.
- End warning system that alerts operator when there is 50m left.
- Guaranteed minimum length ensures value for money.
- Consistent and trouble-free baling.
- UV stabilised.

**Using Cheap Bale Net:**
- Leaves shoulders which lead to trapped air leaving mould on the silage.
- Cheap netwrap will only work on some baler types.
- Tearing on hay and straw.
- Less bales per roll as more bale net is required to keep bale together.
- Means customers holding you accountable for poor quality bales!
**Gold Double Chain** is developed using the latest developments in net technology. It uses an innovative, state of the art technology to increase strength by using Double Chain instead of traditional single chain.

This enhancement offers the user a full range of features and benefits which leads to fewer rolls and less baling time. Gold Bale Net provides users with the highest quality, highest resistance and maximum strength bale net on the market today. It gives 310kg breaking strain which is the strongest in the market: **More on page 13.**
Why compromise your silage pit, worth substantial revenue, with poor quality, non-specified and non-guaranteed silage sheets?

Silage Sheets

A poor quality sheet may cause up to 10% loss of quality on average silo which can lead to significant loss of money. A good silage sheet is recognised by the quality of its high resistance, UV protection, oxygen permeability, food contact suitability and eco design.

Success will be determined by the seal, resistance/strength and flexibility of the silage sheet you choose. In order to ensure quality silage, make sure your sheet is gauge guaranteed and is produced using virgin polymers.

EPICROP Black/Green

EPICROP Black/Green has the green layer which makes it one of the strongest silage sheets on the market. This environmentally friendly green layer prevents undesirable fermentations from occurring due to its capacity of reflecting the solar radiation from the sun, which decreases the temperature of the fodder, silage or grain stored beneath.

EPICROP Silage Sheets

EPICROP Silage Sheets are a super strong protective silage sheet.

They are developed in close co-operation with end users and leading raw material suppliers. Epicrop silage sheets are manufactured from the best materials by means of a high-tech co-extrusion process that guarantees even and reliable quality.

Epicrop Silage Sheets are produced with the best virgin polymers and are gauge guaranteed, which gives superior mechanical properties and strong resistance to impact and tearing for the entire season.

EPICROP Silage Sheets guarantee:

✓ Specifications labeled on each sheet.
✓ Virgin polymers.
✓ O2 impermeability 300m³/m²/24 hours.
✓ Flexibility to adhere to the silage.
✓ Food contact suitability.

Epicrop Silage Sheets are available in:

✓ black, black/white & black/green
✓ various different sizes
✓ various different thicknesses

EPICROP Combi Film Silage Sheets

Our newly developed range of Combi Silage Sheets combine the underlay film with the black/white silage cover.

Both films are combined together during the manufacturing process. This product eliminates one complete labour intensive step during the silage pit covering process.
Baling Twine

A comprehensive range of high quality twines are available and they are suitable for use on the most advanced baling machinery throughout the season.

In order to achieve such high quality, our twine is manufactured with an emphasis on the fibrillation which is crucial to achieve a high performing twine.

Fibrillation is achieved during the manufacturing process by passing the extruded tape through a fibrillation roller before being converted into a twisted twine. This process brings softness and flexibility to the twine that is essential to achieving the optimum performance and knot creation.

Manufacturers who only stripe the twine cannot reach the same level of softness or flexibility. Fibrillated twine can be recognised by the mesh-like appearance that can be seen when the twine is stretched. All our twine is thoroughly tested.
**EPICROP - Baling Twine**

A comprehensive range of **high quality twines** are available and they are suitable for use on the most advanced baling machinery throughout the season.

**EPICROP** Baling Twine offers you:

✓ High quality twine.
✓ High strength and consistent length.
✓ Perfect spool shape with a unique ID.
✓ Improved knot performance.
✓ High bale density and UV stabilised.
✓ Guaranteeing the strongest knot and a high breaking strain.
✓ More operational efficiency and universal application.
✓ Smooth running - minimises wear and tear on the knotting system.

<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>EPICROP STANDARD</th>
<th>EPICROP 355</th>
<th>EPICROP 430</th>
</tr>
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<tbody>
<tr>
<td>Application</td>
<td>Lower Density Balers</td>
<td>Hay/ silage/ straws</td>
<td>Straws &amp; Hay for medium bales</td>
</tr>
<tr>
<td>Runnage (m/kg)</td>
<td>132</td>
<td>127</td>
<td>110</td>
</tr>
<tr>
<td>Knot Strength (kg)</td>
<td>181</td>
<td>220</td>
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<tr>
<td>Colour</td>
<td>Ferric Oxide</td>
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<td>Pack Runnage (m)</td>
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<td>Packs per pallet</td>
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<tr>
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</tr>
<tr>
<td>Pallets per Truck</td>
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**REFERENCE**

<table>
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<tr>
<th>SISAL 8000</th>
<th>HAY 498</th>
<th>MEDIUM 12000</th>
<th>FINE 22300</th>
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<tbody>
<tr>
<td>Application</td>
<td>High Density Balers</td>
<td>Medium Density Pick up Balers Ideal for Hay</td>
<td>For use in all Round balers</td>
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<tr>
<td>Runnage (m/kg)</td>
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<td>Knot Strength (kg)</td>
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<tr>
<td>Pallets per 40’ Container</td>
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</tr>
<tr>
<td>Pallets per Truck</td>
<td>22</td>
<td>24</td>
<td>28</td>
</tr>
</tbody>
</table>

**EPICROP - Silage Tape**

A **high strength**, strong adhesive PVC Tape which can be used throughout many different areas on the farm.

**SILAGE TAPE** Specification:

<table>
<thead>
<tr>
<th>Brand name</th>
<th>SILAGE TAPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Various</td>
</tr>
<tr>
<td>Roll length</td>
<td>18m</td>
</tr>
<tr>
<td>Width</td>
<td>75mm</td>
</tr>
</tbody>
</table>

Epicrop Silage Tape is available in a variety of colours:
POWERTITE

Powertite is a net replacement film that is made from a 7 layer technology.

As Powertite is made from the same material as Silage Wrap, no separation is required after use from your Silage Wrap. Both Silage Wrap and Powertite can be recycled together.

Why Powertite?

✓ Better oxygen barrier.
✓ Less waste, 50% reduction on DM losses (on an actual farm trial).
✓ Easier film removal and recycling.
✓ 10% denser bales.
✓ 66% of the bale covered with 3 or 4 more layers of plastic.

Terms & Conditions

1. General
   No variation, calculation, waiver of or addition to the contract constituted by our invoice and by conditions of sale shall be valid or
   applicable unless agreed in writing by Zeus Packaging Ltd.
2. Where an order has been taken by an employee or agent elsewhere than at our principal place of business we have the right for seven days
   afterwards to decline the order in whole or in part at our discretion and without being required to give any reason.
3. The company accepts to supply on basis of customers written order, and all special customer specifications must be expressly stated
   on customers written order and acknowledged expressly on Zeus Packaging Limited invoice by specific cross reference.
4. Delivery date and risk
   Any delivery date specified or otherwise given by us is approximate only and all claims arising as a result of our inability to meet any stated
   delivery date are excluded and there shall be no liability on the company whatsoever. Delivery hereunder shall be sufficient if we or our delivery
   agents obtain a delivery receipt signed by you or on your behalf. All risk in the goods shall pass to you on delivery as set out above.
5. Claims
   (a) No claim by you for defective goods will be entertained unless notification of such claim is received in writing within 7 days of the
       receipt of the goods by you. Should such a claim be received by us, it will be considered in the light of all other conditions of this order and
       without prejudice to any rights we may have under those conditions.
   (b) If, in respect of any one delivery of any goods, several items in excess of normal commercial tolerance are alleged by you to be defective or
damaged you will inform us pursuant to the provisions of sub-paragraph (a) above and you shall before the expiration of 7 days of receipt of
   the goods by you return at your expense one item of the defective or damaged goods for inspection to us. If, thereafter, the goods are
   accepted by us to be defective or damaged then you will return such defective or damaged item or items to us and we will either replace the same
   and credit you with the cost of freight and insurance in returning all defective or damaged items to us or we will credit you with the selling
   price to you (ex our warehouse) of the defective or damaged items and also the costs of freight and insurance in returning same to us.
   (c) Defective or damaged goods must be dispatched to us within 7 days of our accepting that they are defective or damaged.
   (d) Under no circumstances will we be liable to reimburse you in any way whatsoever for any loss of profits that you may suffer.
   (e) No claim under these conditions in respect of any delivery or part delivery of an order for goods shall entitle you to cancel the remainder
       of order or contract.
   (f) If a delivery note/proof of delivery is signed clear, unchecked or is unexamined and a subsequent problem with the delivery is discovered,
       a credit will not be issued. Credits will only be issued if shortages and returns have been noted on the delivery note/ proof of delivery.
6. Title of Goods
   Any goods supplied in terms of our invoice remain our property until such time as the contract price together with interest thereon have been paid in full. We reserve the right to repossess and in pursuance thereof you hereby irrevocably grant to us and/or our
   authorised representative license to enter on any premises of yours on which such goods are kept for the purpose of taking possession of
   any such goods to which we are entitled hereunder in the event of the contract being cancelled for any cause whatsoever. In the event that
   the goods supplied under this or any other invoices by us have been sold or otherwise disposed of and the payment date having passed, we
   reserve the right to enter any premises of yours and confiscate any similar goods at a unit price to be determined by ourselves.
7. Delivery or Cancellation
   If any delivery is delayed or canceled by us due to force-majeure, dislocation of manufacture, strikes and lock-up (whether inside or
   outside our works) or other circumstances reasonably beyond our control it is agreed that we are released from our obligations to supply
   the goods in terms of this order and that the present order may be delayed or suspended during the continuance of such circumstances or
   canceled by us at our option. We shall inform you of such circumstances without delay.
8. Set-off
   Any monies due to or become due from you shall not be liable to be the subject of any deduction by you or any set-off or counter claims
   arising out of this or any other order which we may have with you.
9. Withhold of Delivery
   If you have not paid us for goods delivered in accordance with these conditions then we shall have the right to hold delivery of any further
   goods to be supplied to you, whether under the terms of this order or any other order, until you have reduced that amount owing by you to us to
   such a reasonable amount as may be acceptable to us. Any such withholding shall not entitle us to cancel any order or part thereof.
10. Your Default
    You must or shall make any default or commit a breach of these conditions or if any distress or execution shall be levied upon your assets, or if you
    shall make any arrangements or composition with creditors, or commit any act of bankruptcy, or if any petition or receiving order in bankruptcy
    shall be made against you, if you are a limited company and any resolution or petition to wind up such company’s business (other than
    for the purpose of amalgamation or reconstruction) shall be passed or presented, or if a receiver of such company’s undertaking or assets or
    any part thereof shall be appointed we shall have the right forthwith to determine any contract then subsisting between us and upon written
    notice of such determination being posted to you at your last known address any existing contracts between us shall be deemed to have been
    determined without prejudice to any claim or rights we may otherwise make or exercise. In the event of any breach of contract by you as a result
    of which we incur any legal fees, such proper and reasonable fees are to be borne by you.
11. Availability of Material
    Whilst we shall make every effort to supply in accordance with your order we reserve the right to supply substitute colour and materials of a
    similar quality and nature in the event of unavailability of material and/or
12. Consequential or ‘Special Damage’
    We shall not be liable for any consequential or special damage resulting from the supply delay or in failure to supply or failure of the goods,
    including without limitations, loss or profits.
13. Indemnity
    We shall not be liable for any claims whether brought against you or us at Common Law or under any Statute or otherwise by any person or legal
    entity arising out of this or any other we might have with you except as provided herein and you shall indemnify us against any such claims and
    the proper and reasonable costs of any such legal proceedings.
14. Copyright
    The copyright in any goods, artwork, designs and plates furnished by us to you, vests in us and the same shall not now without our written consent
    be disclosed to a third party except in connection with the sale of the goods in the normal course of our business.
15. Enforceability of Terms
    In the event of any one clause in this Contract being found by a Court or arbitrator to be void or unenforceable in part then such findings
    shall in no way effect the validity and enforceability of any other clause or clauses.
16. Governing Law
    The order in any contract which may ensue shall be construed and governed in all respects according to Irish Law and the only court
    having jurisdiction to try any issue hereunder shall be the High Court of Justice in Dublin or such other court in the Republic of Ireland as shall
    be appropriate.
17. Under no circumstances will any claims be entertained for goods which have been cut or processed in any way.
18. All specifications on products are subject to manufacturer tolerances +/- 10%.
Purple Bale Charity Initiative

Zeus, in conjunction with local partners, will distribute Silage Wrap & Net Wrap in the unusual colour Purple, across Ireland, UK, Portugal, Australia and New Zealand.

We are asking farmers and contractors to show their support to this initiative by creating eye-catching displays with their purple hay bales, then posting their creations on social media where we will give prizes throughout the year to the farmers with the best efforts. We’re sure that farmers will get behind this initiative, as every bale wrapped in purple will lead to a donation supporting seriously ill children and their families.

What our Charity Partners say;

“We are completely overwhelmed by the support we have received over the past three years from Zeus. Every year, on average 150,000 children and their families visit Crumlin Children’s Hospital from across the length and breadth of Ireland. Partnering with Zeus reflects the geographical spread of the hospital’s patient base.”

– Sarah Joyce, CMRF Crumlin

“We can’t thank Zeus enough for their continued support of Starlight families through their ingenious Purple Bale Project. Through fundraising over the past two years, Zeus has made amazing contributions that have had a wonderful impact on Starlight children and young people. Children like Nicholas, who’s wish to be a superhero has come true. Thank you so much to the whole Zeus team and everyone who supports their wonderful Purple Bale Campaign”

– Mellisa Azzopardi, Starlight Children’s Foundation

Our Charity Partners;

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<tr>
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<th>UK</th>
<th>Portugal</th>
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<tr>
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<td>WellChild</td>
<td>CHUC</td>
<td>Starship Foundation</td>
<td>Starlight Children’s Foundation Australia</td>
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</tbody>
</table>
UK OFFICES

Biggleswade - HQ
Lancaster Way, Stratton Business Park,
Biggleswade, SG18 8YL

West Midlands
Barlow Drive, West Bromwich,
West Midlands, B70 6BG

East Anglia and
Lincolnshire
34 Europa Way, Martineau Lane,
Norwich, Norfolk, NR1 2EN

Northern England
Office 127, Building 3,
City West Business Park,
Gelder Road, Leeds, LS12 6LX

IRELAND OFFICES

Dublin - HQ
Unit 500 Grants Row,
Greenogue Business Park,
Rathcoole, Dublin

Cork
Courtstown Industrial Estate,
Little Island, Cork

Northern Ireland
Central Park, Mallusk,
Newtownabbey,
Co. Antrim, BT36 4FS

EUROPEAN OFFICES

Germany
Roseckstraße 19,
72108 Rottenburg a.N.

Spain
C/ Progreso nº2, Edif Bosque y Paya,
Oficina 239, 28906 Getafe, Madrid

Poland
ul. Warszawska 39/41,
61-028 Poznań KRS: 0000357803
NIP: 527-262-88-09

OCEANIA OFFICES

New Zealand
Hillcrest Hamilton 3251
New Zealand

Australia
5 Production Drive,
Alfredton, Victoria 3350

AMERICAS OFFICES

Canada
398-2416 Main Street,
Vancouver, BC V5T 3E2

zeuspackaging.com