

Performance
Stretch Film
& Machinery
Optimisation



 **Invictus**[™]
Nano Stretch Film Technology

B Intelligent
Packaging
Solutions

Transport & Logistics Safety

Stretch film machinery and wrap is often a vital part of operational efficiencies. KB Packaging understand the importance of this process in your operation, that's why we offer market leading advice, practical machinery support and optimisation. We ensure your pallet wrap setup is smooth running, not costing you more than it should, and most importantly ensuring safe and secure pallets in transit.

Consultation → **Advice & Optimisation** → **Results**

We are keen to understand your operational challenges and target improvement areas. Our audit process can reveal areas of improvement such as efficiency of film use, pallet stability, speed, performance, and costs.



Technical Stretch Wrap Support & Optimisation

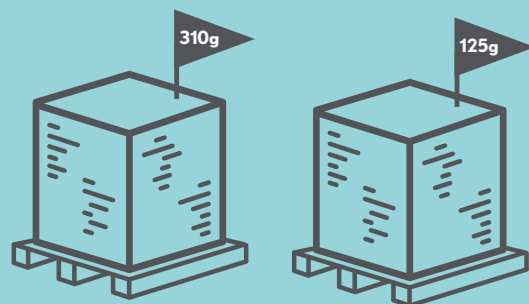
By identifying your current operational and end of line pallet wrapping challenges, our team can then provide optimisation and recommendations for improvements and efficiencies.



A complete stretch film cost review will be performed to reveal your true current costs per pallet wrapped. Comparing your current stretch film with NANO films will show increased load stability, reduced costs and a carbon footprint reduction. Machine adjustments can be made to further improve results.



A full quotation and priced stretch film usage report will be provided which shows savings that can be made in comparison to your current film type, and machinery set-up, alongside our sustainability recommendations.



60% Film Saving

*Figures are for example purposes.



Centrally Located, National Distribution

Derby, East Midlands



Centrally located in the heart of the East Midlands, our goods and services are distributed from Ilkeston, Derbyshire, conveniently positioned to service and support stretch film and machinery requirements all over the UK.

Our Technical Specialists



Chris Birch - Sales Representative
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Struan Birch - Sales Representative
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No Obligation Film Audit

Let us do the Work



A detailed analysis of your exact stretch wrap costs, plastic usage, and carbon footprint....

Costs Clarified! Savings Made!

A no obligation review of your current stretch wrap setup could reveal some great savings to be made on your pallet wrap spend. By reviewing your current film type, machine settings and current costs, we can advise and review your current spend on machine stretch wrap and advise on changes that could save you money.

Did you know that switching to high performance thinner films, you could save a large percentage off your stretch wrap costs? Challenge us to save you money and improve performance for your business! NANO stretch films can both reduce cost per pallet wrapped, and improve pallet load stability!



Print & Paper Supplier



Existing Film - 23mu PPS - 150% Stretch



Invictus Nano Film - 15mu NANO 30% Recycled- 260% Stretch

Measure	23mu	15mu Invictus
Film Weight (Per Pallet)	658g	144g
Holding Force (KG)	7.3kg	7.45kg

Savings

- 78% plastic saving
- 64% reduction in cost per pallet wrapped
- Estimated annual saving of 11,565KG of CO2 per Annum

Invictus™

Nano Stretch Film Technology

30% Recycled Content

*Applies to MPW15SP & MPW17SP

Our Planet Mission

Supporting your business with plastic reduction & sustainability targets with intelligent packaging advice, sourcing, and solutions.



Corporate Social Responsibility is an increasingly important area for businesses across the UK. Helping you with stretch wrap optimisation can greatly improve carbon footprint and dependence on large quantities of LDPE machine film. Ensure your pallet wrap operations aren't hurting the planet with our pallet wrap audit process.

Global Recycling Standard

The GRS are an international, voluntary, full product standard that sets requirements for third-party certification of recycled content, chain of custody, social and environmental practices and chemical restrictions.

The GRS is intended to meet the needs of companies looking to verify the recycled content of their products (both finished and intermediate) and to verify responsible social, environmental and chemical practices in their production. The objectives of the GRS are to define requirements to ensure accurate content claims and good working conditions, and that harmful environmental and chemical impacts are minimised. This includes companies in ginning, spinning, weaving, knitting, dyeing, printing, and stitching in more than 50 countries.

Manufactured To the GRS Standard



Carbon Neutral Stretch Film

Did you know the carbon footprint of LDPE film is approx 6KG of CO₂ per KG of material? KB Packaging is targeting carbon neutrality by 2023 on all of our stretch-film supply. This means by using KB packaging Invictus Nano film, your carbon footprint will be 0 on your stretch wrap usage. We aim to achieve this by offsetting the carbon footprint of each pallet of machine film with tree planting and re-wilding schemes in across the UK.



Pallet Of Film
736kg
CO₂ Footprint Per Pallet
4416kg



A Tree Absorbs
Approximately 25kg of
CO₂ Per Year



Stretch film carbon emissions are offset by planting forests and supporting re-wilding schemes across the UK.

InvictusTM

Nano Stretch Film Technology

The Invictus range of pallet wrap is a multi layered stretch film designed to maximise strength, stretch and performance whilst reducing plastic waste. Invictus film is available in both high strength standard, and a 30% recycled option. Recycled films can be used as a direct replacement to conventional films working with existing stretch wrapping machinery.



MPW10IF
10mu Nanofilm
500mm
300% Stretch



MPW12IF
12mu Nanofilm
500mm
350% Stretch



MPW15IF
15mu Nanofilm
500mm
370% Stretch

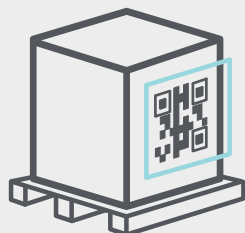


MPW15SP
15mu Nanofilm
500mm
260% Stretch
30% Recycled Content



MPW17SP
17mu Nanofilm
500mm
280% Stretch
30% Recycled Content

Superior Performance



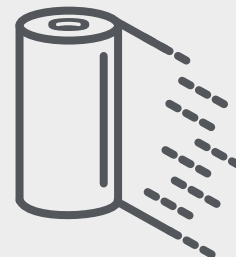
Optical Clarity

Invictus lower micron stretch films offer unbeatable optical clarity with a consistent LDPE material blend. Improve your pallet scanning and booking in process with a high clarity presentable pallet wrap.



Superior Holding Force

Invictus nano stretch films can yield high containment and load stability results. Improve the safety and stability of goods in transit with nano technology. 55+ NANO layers will give the best possible stretch and strength resulting in ultimate transit safety.



Superior Stretch & Strength

A unique blend of NANO polymers enables Invictus nano to stretch in excess of 300%. Combined with the correct machinery, nano Invictus film can offer maximum roll efficiency. High stretch and strength enables you to make rolls go further increasing efficiencies and reducing your operational costs.



Superior Puncture Resistance

55+ nano layer construction gives Invictus NANO a superior strength and puncture resistance. Improve your wrapping speeds without the worry of rips, tears and film breakage. Maintain your wrapping performance, output and operational efficiencies with Invictus nano technology.

Machinery Sales & Support

ROBOPAC

Innovation driven by values



KB Packaging are distributors for Robopac. Global market leaders in packing, stretch wrapping, banding and logistics machinery.

Making the correct choices with machinery is important in ensuring your wrapping setup isn't costing you more than it should. Invictus high-stretch films combined with Robopac power pre stretch machinery can yield cost savings and better yields per roll. A KB Packaging machinery and film audit can reveal accurate wrapping costs, and provide optimisation to improve your processes.

Contact us:

0115 9441600

Sales@kbpackaging.com



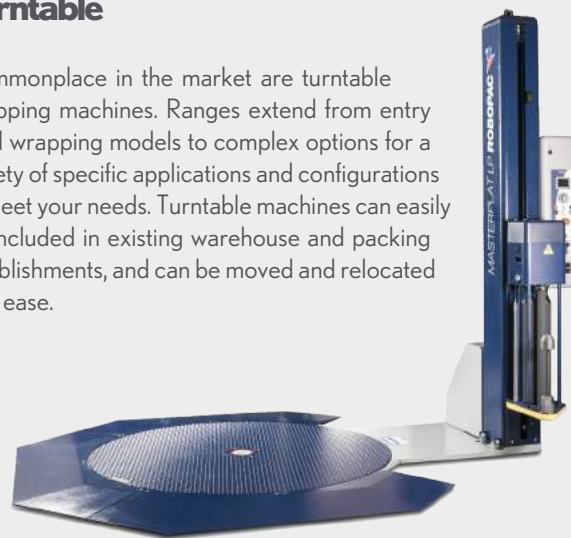
Robotics & Self Propelled

The machine is provided with a high level of packaging autonomy and great work flexibility and built to wrap and stabilise palletised loads of any shape, size and weight using stretch film. With brushless motorisation, it is possible to control the film with extreme precision, guaranteeing perfect pre-stretching and the lowest consumption of film and energy in view of environmental sustainability.



Turntable

Commonplace in the market are turntable wrapping machines. Ranges extend from entry level wrapping models to complex options for a variety of specific applications and configurations to meet your needs. Turntable machines can easily be included in existing warehouse and packing establishments, and can be moved and relocated with ease.



In-Line / Automated Wrapping Stations

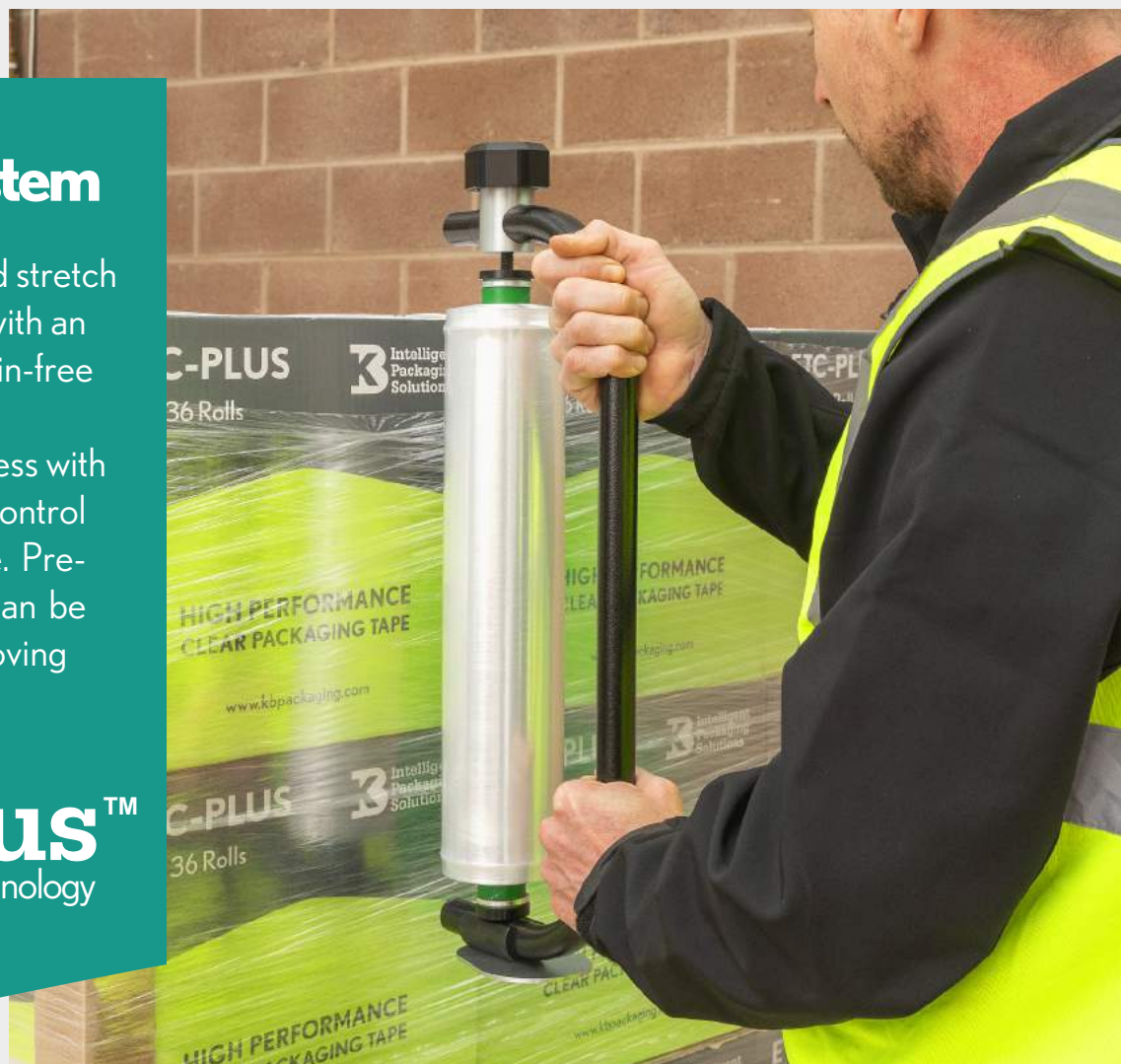
For ultimate end of line wrapping speed and efficiencies, in-line wrapping systems offer top end automated high-output wrapping solutions.



Anti Fatigue Stretch Wrap System

Improve speeds and efficiencies with the BOLT hand stretch film dispenser! Combining pre-stretched nano film with an ergonomic design allows for fast, consistent and strain-free pallet wrapping.

Eliminate backwards walking, back strain and dizziness with the easy-grip handle. The Easily adjustable torque control produces consistent, high-quality wraps every time. Pre-stretched nano film speeds up roll unwind which can be applied with minimal effort reducing fatigue, improving operational efficiencies and speed.



Convenient
Magnets

Easy Adjust
Torque Control

High Performance
Nano Film

Ergonomic
Handle

Free Standing
Base

Invictus™ Nano Stretch Film Technology

BOLT



BOLT-3904805
Invictus 5mu Nano Film
Clear - Prestretched
390mm x 480m



BOLT-3903407
Invictus 7mu Nano Film
Clear - Prestretched
390mm x 340m
30% Recycled Content

A Better Way to Wrap



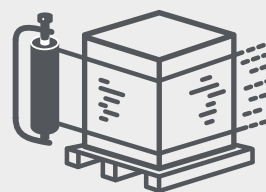
Faster Wrapping Speeds

An ergonomic, easy to handle and light weight design allows for much faster wrapping speeds. Accelerate your dispatch and pallet wrapping process with the BOLT dispenser and pre-stretched rolls.



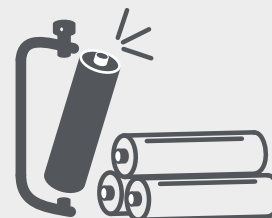
Anti-Fatigue, Injury & Strain

Wrap to the bottom of pallets without bending, finger-burn or dizziness. Wrap forwards not backwards, the sensible and safe choice for warehouse personnel.



Improved Efficiencies

At just 5 - 7mu thick, pre-stretched rolls are wound up to 300+ metres yielding greater efficiencies per roll, less roll changes and less waste cores. Plastic reduction and cost savings can be achieved compared to conventional thicker hand pallet wrap films.



Easy Roll Changing & Torque Control

Roll changing made easy. Tension can be applied by turning the dial on the top of the dispenser. The dispenser allows for a consistent, even coverage ensuring your pallet is wrapped correctly, and the goods on it are stable and secure.



Improve Personal Operational Safety

Musculoskeletal disorders (MSD), or “ergonomic injuries,” can occur when a person performs repetitive motions or overexerts parts of the body like the muscles, tendons or ligaments. MSDs include carpal tunnel syndrome, tendinitis, rotator cuff injuries and lower back injuries.

Improved ergonomics help reduce the risk of injuries caused by incorrect handling. Operatives can wrap to the base of the pallet with ease. No more bending down or backwards walking! The BOLT dispenser is a game changer in high-output physically demanding environments, drastically improving manual wrapping safety. Using a high performance pre-stretched film, operatives can apply film to the pallet with little handling force. Operatives no longer have to stretch the film when applying thus reducing the risk of bodily strain. Pre-stretched film also gives a consistent wrap result and holding force every time.



Arrange a Demo...

Contact us for a no-obligation demo or trial
Email sales@kbpackaging.com



Or Scan →





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