

# Your essential packaging guide

[kitepackaging.co.uk](http://kitepackaging.co.uk)



*"It's not just packaging  
it's a science"*



an employee-**owned** business

kite

# Welcome



Whether you order regularly from us, haven't ordered for a while, or are a brand new customer to Kite Packaging, this packaging buyer's guide will provide you with some essential tips when choosing products



## Our employee-owned philosophy

Founded in 2001 as an employee-owned business, we believe that:

*"Customer satisfaction matters so much more when you own the business"*

All employees have made a personal financial investment into Kite, and as shareholders have created a business based on a true partnership philosophy

## Book a packaging audit today

Kite Packaging is the only UK packaging company that has the depth of resource to be able to offer full packaging audits through our:

- Compliance scheme – packaging waste regulations
- Packaging technologists – standard pack design and pack velocity
- In-box solutions – our system team to help automate
- Stretch wrap team – our specialist team for stretch wrap application

Book your audit today: 02476 420065

## Terms & Conditions

A copy of our business terms & conditions is available on request

## Prices

Please visit [kitepackaging.co.uk](http://kitepackaging.co.uk) for our current prices. All prices exclude carriage and VAT

## Credit accounts

Credit accounts are subject to a credit check and may be refused at the discretion of Kite Packaging Ltd

All images and content in this guide are the property of Kite Packaging Ltd

[kitepackaging.co.uk](http://kitepackaging.co.uk)  
an employee-owned business

## Open your account today

Business credit accounts are available, subject to a satisfactory credit check, allowing you to benefit from up to 30 days credit

### To open a new account:

- Do it online by selecting 'open an account' on our website homepage. The process is straightforward, with your credit check completed and account opened on the day of application
- or
- Call our team on 02476 420065

## B2B online ordering

As a business customer of ours you can expect:

- Online guides to help you choose the right product
- Easy-to-use search features, such as our 'search by size' tool
- Online demonstration videos
- Wide range of products
- Consistently low prices and volume discounts
- Credit account facilities



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Environmental range



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### Kite chilled packaging

Kite chilled packaging

## Get in touch

### Online

Visit [kitepackaging.co.uk](http://kitepackaging.co.uk), where you will find helpful tools and a quick and simple checkout process

### Call

Our team is available Monday to Friday, 8.30am – 5.30pm, on 02476 420065 and can advise you on your packaging requirements

### Account managers and packaging technologists:

If you require bespoke products or would like a full packaging audit, we have teams across the country that take you through the full process.

Call 02476 420065 to be put in touch with your nearest Kite regional distribution centre



## Environmental range



### Paper mailing bags

- Environmentally friendly alternative to polythene mailing bags
- 100% recyclable robust and water resistant mailing bags
- Peel-&-seal strip for easy closure

### Triangular postal tubes

- Ideal for sending and protecting artwork, prints, plans and posters
- Delivered flat packed - saving storage space
- Unique shape makes them ideal for label scanning and sortation



### Enviro-boxes

Kite's Enviro-boxes out-perform the equivalent double wall box, but use less material. Developed by Kite in partnership with WRAP (Waste and Resources Action Programme), Enviro-box has a positive impact on the environment by:

- Reducing the amount of cardboard going to UK landfill
- Reducing the CO<sub>2</sub> emissions used in manufacturing
- Reducing the CO<sub>2</sub> emissions in distribution



### Kite chilled packaging

- Safe for food contact and ideal for transporting
- Keeps your product at a desired temperature for a period of time
- Premium box liner is 100% kerbside recyclable



### Balers

- Compactors for cardboard, plastic, textile and much more
- All models have an integrated kicker for easy bale removal
- Bales can often be sold for recycling



### Self-adhesive paper kraft tape

- No water needed for activation
- Forms a strong lasting bond
- High resistance to moisture
- 100% recyclable



### Gummed paper tape & dispenser

- Manual and electronic dispensers available
- Tamper evident with an incredibly secure seal. The tape bonds directly with the box fibres giving high adhesion
- Able to withstand both high and low temperatures, gummed paper tape is almost impossible to tear off once applied
- Being paper-based, it is also easy to recycle



### Paper bubble wrap

- Environmentally friendly alternative to bubble wrap
- Made from 100% recycled material & 100% recyclable
- Highly absorbent properties

### Paper bags

- Ideal for a range of products including confectionery, crafts, hardware and grocery products
- Environmentally friendly alternative to polythene
- Available in a range of sizes in white or brown kraft



### SpeedMan paper range

The SpeedMan paper range is a low cost, ready to use, paper void fill dispenser range

- Suited to low-high volume users
- Compact and environmentally friendly





# Guide to cardboard boxes

## Measuring

Box dimensions refer to the internal (usable) dimensions and are always measured in the same order:

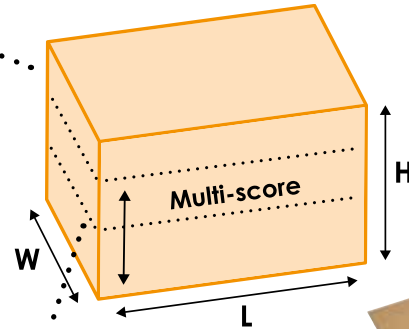
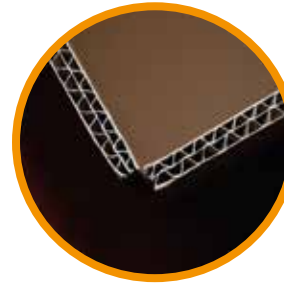
1. Longest opening dimension (length)
2. Shortest opening dimension (width)
3. Depth (height)

For the same internal size the external dimensions will vary depending on the board grade & fluting

Find out more on our website, and watch our 'how to measure a box' video

## Board type

- Corrugated cartons differ in strength depending on the combination of fluting and weight of paper used to create a corrugated board
- A single wall box has one layer of fluting, and a double wall box has two (giving extra strength, better suited for heavier items)











## Multi-score

- Many of our boxes have a 'multi-score' feature, giving you the option to vary the depth of the box to a pre-scored dimension
- To create a shallower depth carton, simply cut the existing slots between the flaps and fold along the pre-scored crease

## Mixed pallet discounts

- Order a variety of different box types and sizes to create a pallet and we'll give you the best bulk price we can for mixed product
- Simply click on the 'Mixed Pallet' link in the pricing table on the website

## Kite Packaging box flutes

 E flute (1.5mm)	 EB flute (4mm)
 R flute (2.3mm)	 BC flute (5.7mm-6.5mm)
 B flute (3mm)	 AC flute (8.5mm)
 C flute (4mm)	
 A flute (5mm)	

## We also sell...

- White boxes** – when presentation is key
- BDCM and BDC boxes** – fashion and catalogue industry
- Picture frame boxes** – protecting artwork
- Stationery boxes** – office use
- Handle with care boxes** – fragile items
- Postal boxes** – PiP compliant
- Archive boxes** – office use

**SEARCH** X **BY** X **SIZE**

Find the right size box for your product using our handy size search tool. Find it at the top of every page on the website.





Our diverse cardboard box offering is suitable for almost any and every packaging requirement customers might have

## Single wall boxes

- Made with a single layer of fluting, this is the most popular corrugated box in the range
- Lightweight and cost-effective, it is ideal for general purpose packaging, storage and dispatching



## Double wall boxes

- Ideal when protecting heavy or fragile goods
- These boxes are sturdy and hard-wearing, thanks to two layers of fluting
- Commonly used for sending heavy items through a carrier or postal network, they are durable and have increased compression resistance



## Enviro-boxes

Kite's Enviro-boxes out-perform the equivalent double wall box, but use less material. Developed by us in partnership with WRAP (Waste and Resources Action Programme), Enviro-box has a positive impact on the environment by:

- Reducing the amount of cardboard going to UK landfill
- Reducing the CO<sub>2</sub> emissions used in manufacturing
- Reducing the CO<sub>2</sub> emissions in distribution



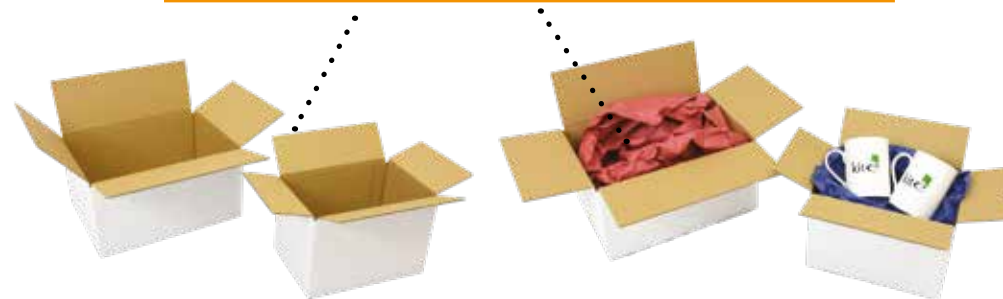
## Extra heavy duty boxes (high performance packaging)

- The strongest corrugated cartons in our range
- Perfect for transporting heavy, fragile or oversized goods
- Made from heavy weight board with various fluting combinations
- They have been rigorously tested and provide outstanding performance



## White cardboard boxes

- White corrugated boxes with brown inner
- Delivered flat packed and easily assembled and sealed with tape
- Highly presentable solution that looks great when paired with coloured tissue paper



## Premium Klikstor archive boxes

- Strong, sturdy and extremely high quality boxes
- Assembled in seconds thanks to their unique design
- Feature printed panels and hand holes
- Available as sets, bases and lids
- Collapse in seconds for easy storage



## Economy archive boxes

- Sturdy for home and office
- Strong and robust with fold-in design
- Hand holes for ease of carrying
- Range of sizes to cover all archiving



## Picture frame boxes

- ▶ Kite's telescopic picture frame boxes are designed to fit around items such as paintings and framed artwork
- ▶ Made from strong double wall cardboard, these boxes are adjustable in height in order to fit a variety of sizes



## Foam lined boxes

- ▶ Protect fragile products when posting to customers
- ▶ Kite's 'eggbox' style foam is non-abrasive and creates a protective cushion for products
- ▶ The white outer postal box is highly presentable

## Handle with care boxes

- ▶ Made from extra strong double wall corrugated cardboard
- ▶ "Fragile Handle With Care" printed on both sides of the boxes provides a clear message to ensure items are handled with additional care
- ▶ Suitable for packing fragile items



## Boxes for bottles

- ▶ Made from heavy duty cardboard, Kite's bottle boxes with cardboard dividers can safely hold 6 or 12 bottles
- ▶ Suitable for the drinks industry for protecting bottles during transport and storage, helping to ensure delicate glass bottles arrive in one piece!



## Custom boxes

- ▶ Our regional distribution centres work with customers requiring high volumes of bespoke designs and printing
- ▶ Our Packaging Technologists can take you through the entire process, including testing and certification where required

**Call 02476 420065 and we will put you in touch with your local Kite regional distribution centre**

## BDCM

BDCM (Bulk Distribution Carton Metric) boxes are the industry standard boxes in retail, clothing and catalogue industries with metric dimensions

- ▶ Each box features print on one side for notation information - supplier, catalogue number, colour, size, quantity and contact details
- ▶ Made from high quality, single wall cardboard



## BDC

BDC (Bulk Distribution Cartons) boxes are also popular in a variety of textile industries, with the dimensions stated in inches

- ▶ Print on the outer side of the box includes space for gross weight, description, order number and other information
- ▶ Made from high quality, single wall cardboard

## Corrugated storage bins (k-bins)

- ▶ Ideal for storing a range of components
- ▶ Commonly used in picking areas and suitable for a range of industries
- ▶ Folding design, no glue or staples required





# Kite's cardboard box range

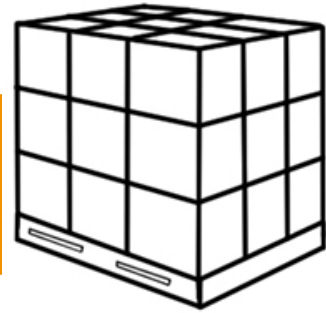
Use the table below to see the range of sizes and the types that are available in each variant

Trade description	Internal dimensions L x W x H (inches)	Internal dimensions L x W x H (mm)	Standard single wall	Enviro-box (reducing CO <sub>2</sub> by 30%)	Heavy duty double wall	Extra heavy duty
	4 x 4 x 4	102 x 102 x 102	✓			
	5 x 5 x 5	127 x 127 x 127	✓			
	6 x 4 x 4	152 x 102 x 102	✓			
	6 x 4.75 x 14.25	155 x 120 x 365	✓			
	6 x 6 x 6	152 x 152 x 152	✓		✓	
	7 x 7 x 7	178 x 178 x 178	✓			✓ (XHD1)
	7.25 x 5.5 x 2.25	185 x 140 x 55	✓			
	7.5 x 6.25 x 6.25	191 x 159 x 159	✓			
	7.75 x 7.75 x 2.75	198 x 198 x 68	✓			
	8 x 8 x 8	203 x 203 x 203	✓			
	9 x 6 x 4	229 x 152 x 102	✓			
A5 (4")	9 x 6 x 6	229 x 152 x 152	✓		✓	
A5 (6")	9.5 x 5.5 x 8.75	240 x 140 x 220	✓			
	9.75 x 6 x 4	250 x 150 x 102	✓			
	9 x 9 x 9	229 x 229 x 229	✓			
	10.25 x 3 x 10.25	260 x 75 x 260	✓			
	10 x 8 x 6	254 x 203 x 152	✓			
	10 x 8 x 8	254 x 203 x 203	✓			
	10 x 10 x 10	254 x 254 x 254	✓		✓	✓ (XHD2)
	11.5 x 4.75 x 14.25	290 x 120 x 365	✓			
	12 x 9 x 3	305 x 229 x 76	✓			
A4 (6")	12 x 9 x 6	305 x 229 x 152	✓		✓	
A4 (9")	12 x 9 x 9	305 x 229 x 229	✓	✓	✓	
	12 x 9 x 11	305 x 229 x 279	✓			
A4 (12")	12 x 9 x 12	305 x 229 x 305	✓		✓	
	12 x 12 x 6	305 x 305 x 152	✓		✓	
	12 x 12 x 12	305 x 305 x 305	✓	✓	✓	
	12.5 x 3 x 12.5	320 x 75 x 320	✓			
	13 x 10 x 12.5	330 x 254 x 318	✓			
	14 x 14 x 14	356 x 356 x 356	✓	✓	✓	
	14.25 x 10.6 x 6.25	361 x 269 x 160	✓			
	15 x 9.75 x 5	381 x 248 x 127	✓			
	15 x 10 x 10	381 x 254 x 254	✓		✓	
BDCM 2	15.5 x 11.5 x 15.2	394 x 292 x 394	✓			
BDCM 4	15.8 x 11.8 x 7.9	400 x 300 x 200	✓			
BDC 3	16 x 11 x 7	405 x 280 x 178	✓			
BDC 2	16 x 11 x 14	405 x 280 x 356	✓			
	16 x 16 x 16	406 x 406 x 406	✓	✓	✓	
	17 x 4.75 x 14.25	430 x 120 x 365	✓			
	17 x 9.5 x 14.25	430 x 240 x 365	✓		✓	
	17 x 12.5 x 10.5	432 x 318 x 267	✓			
	17 x 15.75 x 3.25	430 x 400 x 80	✓			
	17 x 17 x 14.25	430 x 430 x 365	✓		✓	
	18 x 12 x 10	457 x 304 x 254	✓			
A3	18 x 12 x 12	457 x 305 x 305	✓	✓	✓	✓ (XHD3)
	18 x 12 x 7	457 x 305 x 178	✓			
	18 x 18 x 18	457 x 457 x 457	✓	✓	✓	
	20 x 12 x 12	508 x 305 x 305	✓		✓	
	20 x 15 x 14	508 x 381 x 356	✓			
	20 x 16 x 16	508 x 406 x 406	✓		✓	
	20 x 20 x 20	508 x 508 x 508	✓		✓	✓ (XHD4)
BDCM 3	23.5 x 11.5 x 7.5	597 x 292 x 191	✓			
BDCM 1	23.4 x 11.4 x 15.3	595 x 289 x 390	✓			
	24 x 10 x 13	610 x 254 x 330	✓		✓	
BDC 1	24 x 11 x 14	610 x 280 x 356	✓			
	24 x 12 x 18	610 x 305 x 457	✓		✓	

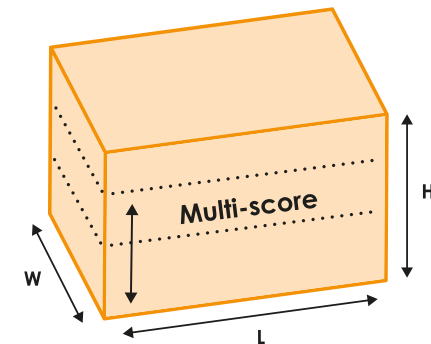
Trade description	Internal dimensions L x W x H (inches)	Internal dimensions L x W x H (mm)	Standard single wall	Enviro-box (reducing CO <sub>2</sub> by 30%)	Heavy duty double wall	Extra heavy duty
A2 (9")	24 x 18 x 9	610 x 457 x 229			✓	
A2 (12")	24 x 18 x 12	610 x 457 x 305	✓			
A2 (18")	24 x 18 x 18	610 x 457 x 457	✓	✓	✓	✓ (XHD5)
	24 x 20 x 16	610 x 508 x 406			✓	
	24 x 24 x 24	610 x 610 x 610		✓	✓	
	24.5 x 9 x 10.25	622 x 229 x 260	✓			
	28.25 x 20.75 x 17	720 x 525 x 430				✓ (XHD6)
	30 x 18 x 18	762 x 457 x 457		✓	✓	
	30 x 20 x 20	762 x 508 x 508			✓	
1/2 Europa	30.25 x 22.5 x 26	770 x 570 x 660			✓	
	31.5 x 19.75 x 19.75	800 x 500 x 500			✓	✓ (XHD7)
	39.75 x 20 x 20	1010 x 510 x 510				✓ (XHD8)
Container	42.25 x 34.25 x 35.5	1070 x 870 x 900				
Europa	47.25 x 11.75 x 11.75	1200 x 300 x 300			✓	✓ (XHD9)
	47.25 x 23.5 x 23.5	1200 x 600 x 600				✓ (XHD10)

Do you buy enough boxes to fill a **pallet**?

Save money by purchasing single wall, double wall, enviro-boxes or a mix of each by the pallet.



## Measuring a box





## Twist wrap mailers

- Quick and easy to erect and seal
- Removes the need for void fill
- Cross dimensional strength



## Labels on a roll

- Perfect for every day office use and for shipping and dispatch
- High quality multi-purpose labels to be used with suitable printers
- Easy peel-&-stick

## Postal boxes

- Compliant with Royal Mail PiP
- Available in white and brown
- Quick and easy to assemble – view our demo videos online
- Look fantastic when paired with coloured tissue paper

## Capacity book wrap mailers

- Manufactured from recycled 400gsm solid board
- Equipped with peel-&-seal closure strip and easy open tear strip
- Ideal for books, brochures, printed material as well as DVDs, BluRays & software



## Book wrap mailers

- For all shallow, flat items
- Wide range of sizes
- Ideal for fulfilment operations
- Multi depth and width – improves versatility and pack consolidation



## Postal box ref guide

Reference	Internal size (mm)	External size (mm)	Unit weight (kg)	PiP reference
PBX1	102 x 102 x 102	132 x 105 x 105	0.0520	Small parcel
PBX2	110 x 100 x 70	130 x 105 x 73	0.0390	Small parcel
PBX3	152 x 127 x 95	175 x 135 x 100	0.1230	Small parcel
PBX4	160 x 150 x 75	180 x 155 x 78	0.0650	Small parcel
PBX5	220 x 190 x 20	224 x 196 x 25	0.0620	Large letter
PBX6	222 x 150 x 88	242 x 155 x 91	0.0870	Small parcel
PBX7	240 x 210 x 20	244 x 216 x 25	0.0720	Large letter
PBX8	240 x 240 x 40	260 x 245 x 43	0.0800	Small parcel
PBX9	240 x 240 x 80	260 x 245 x 83	0.1180	Small parcel
PBX10	290 x 208 x 95	310 x 213 x 98	0.1290	Small parcel
PBX11	340 x 110 x 110	363 x 118 x 115	0.1820	Small parcel
PBX12	347 x 242 x 20	351 x 248 x 25	0.1070	Large letter
PBX13	375 x 255 x 150	398 x 260 x 153	0.2410	Small parcel
PBX14	400 x 330 x 40	423 x 338 x 45	0.1850	Small parcel
PBX15	426 x 342 x 74	450 x 350 x 80	0.2160	Small parcel
PBX16	600 x 400 x 85	623 x 408 x 90	0.4050	Large parcel
CSW16X150X75-BPB4	160 x 150 x 75	176 x 15 x 81	0.0640	Small parcel
CSW22X150X88-BPB6	222 x 150 x 88	238 x 154 x 94	0.0840	Small parcel
CSW240X240X80-BPB9	240 x 240 x 80	256 x 244 x 86	0.1180	Small parcel
CSW254X254X63 (Brown)	254 x 254 x 63	266 x 269 x 70	0.1320	Small parcel
CSW254X254X76 (Brown)	254 x 254 x 76	266 x 269 x 82	0.1358	Small parcel
CSW254X254X102 (Brown)	254 x 254 x 102	266 x 269 x 108	0.1715	Small parcel
CSW290X208X95-BPB10	290 x 208 x 95	315 x 213 x 103	0.1290	Small parcel
CSW375X255X150-BPB13	375 x 255 x 150	391 x 259 x 156	0.2410	Small parcel
CSW426X342X74-BPB15	426 x 342 x 74	442 x 346 x 80	0.2160	Small parcel

## Postal tubes

- Used for printed materials such as posters and artwork
- Suitable for long, thin items such as umbrellas, rugs and other textiles
- Range from A4 to A0 size, in a variety of thicknesses to protect heavier items
- All sizes come with plastic end caps - end caps available separate



## Triangular postal tubes

- Ideal for sending and protecting artwork, prints, plans and posters
- Delivered flat packed
- Unique shape makes them ideal for label scanning and sortation



## Handling & hazard warning labels

- Ensure boxes/parcels are handled in the correct manner & with care
- Warn users of dangerous contents and safety risks
- All labels come on a roll for easy application







# Mailing bags & envelopes

## Arofol envelopes

The most popular in our range, available in white or gold and FSC approved

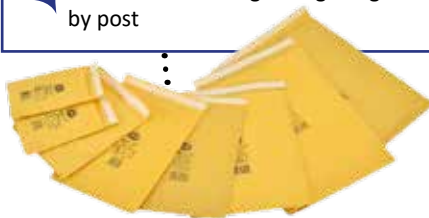
- Lined with high quality bubble material
- Strong paper outer - available in gold or white
- Suitable for posting, courier despatch and general office use



## Jiffy aircraft

General purpose, made with a coated paper outer

- Lined with high quality bubble material
- Strong paper outer
- Suitable for sending a range of goods by post



## Paper mailing sacks

- Environmentally friendly alternative to polythene mailing bags
- 100% recyclable robust and water resistant mailing bags
- Peel-&-seal strip for easy closure



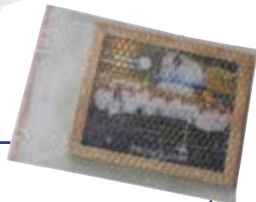
## Metallic bubble envelopes

- Highly protective and presentable metallic gloss bubble lined envelopes
- Available in silver, red, gold and black
- Equipped with a secure self-seal feature



## Bubble wrap bags

- Available in clear or pink anti-static
- High strength peel-&-seal strip for secure closure
- Wide range of sizes
- Manufactured from co-extruded bubble



## Weather-mailer

Lined with shock-resistant bubble material and with a waterproof outer, Kite's weather-mailer is set for all seasons

- Water proof
- Shock-resistant
- Tamper evident
- Recyclable



## Polythene mailing bags

- The no.1 choice for e-commerce companies sending out goods
- Low cost, good quality solution - suitable for many applications
- Huge range, all with a peel-&-seal strip
- From standard grey/white to heavy duty white



## Board envelopes

- Our range includes brown board backed and white all-board envelopes
- Ideal for posting important documents that need to be kept flat and feature a secure peel-&-seal strip
- "Please Do Not Bend" message printed on brown board backed envelopes

## Clear polythene mailing bags

- Suitable for sending magazines, brochures, flyers and much more
- Peel-&-seal strip for secure closure



## Jiffy padded bags

- Filled with macerated paper to trap air and provide cushioning
- Puncture and tear resistant



## Which one is right for you?

	Bubble lined	Water-resistant	All-in one solution for delicates
Arofol envelopes	✓		✓
Jiffy aircraft	✓		✓
Weather-mailer	✓	✓	✓
Paper mailing sacks			
Bubble wrap bags	✓		
Metallic bubble envelopes	✓	✓	✓
Polythene mailing bags		✓	
Board envelopes			
Clear mailing bags		✓	
Jiffy padded bags			✓



# CD, DVD & LP packaging

Kite's range of CD, DVD and LP packaging is the perfect solution for sellers and collectors. Whether you are a high or low volume seller of these types of media, or want to safely store collections of CD's, DVD's or LP's, Kite can help ensure these products are protected during transit and storage

## LP storage solutions

- **Double wall boxes** – suitable to store or send out large volumes of 12" LP's. These boxes are strong and very reliable
- **7" record box** – designed to hold approx 15-18 7" records. This all-in-one, self-securing box is perfect for both mailing and for storage purposes

## CD range

- **Twist-wrap mailers** – perfect for mailing up to 6 CD's, this innovative mailer is easy to twist into shape and delivers all-round protection for CDs during postage and handling
- **Open top inner trays and closed top inner trays** – ideal for storing and organising collections of up to 25 CDs safely
- **Double wall outer boxes** – with a capacity of 200 CD's divided into 8 inner trays, these strong, corrugated boxes protect CD's from impact during transit and are suitable for storing large collections

## LP postal solutions

- **Standard corrugated mailer** – suitable for mailing up to 15 12" LP's by folding in each of the flaps across the LP's to protect them from damage during transit
- **Peel-&-seal corrugated mailer** – there is no need to secure this mailer with tape due to its secure peel-&-seal strip that ensures up to 15 12" LP's are securely packed
- **Easy-assemble postal box** – as the name suggests, this postal box is specially designed to be easily assembled and is perfect for mailing up to 25 12" LP's safely

## DVD range

- **Open-top inner trays and closed-top inner trays** – each tray can store up to 25 DVD's, and are easily assembled
- **Single wall outer boxes** - store either 100 DVD's (4 inner trays) or 150 DVD's (6 inner trays) using either of our two sizes of outer box to make transporting and storing large volumes of media efficient



# Protection & void fill

## Our in-box solutions team

Our dedicated in-box solution packaging engineers have developed and maintained some of the most innovative packaging systems in the UK. They work with businesses to find savings through automation and increasing pack velocity

The range offered includes paper systems, Kite's Mini Air System, Kite's range of Air Shock and wrap & hold. Each of these systems provides protection for a range of products and Kite's engineers will guide you through each step of the process, providing tailored solutions most suited to your operation

## What do our in-box solutions team focus on?

### Pack cost analysis

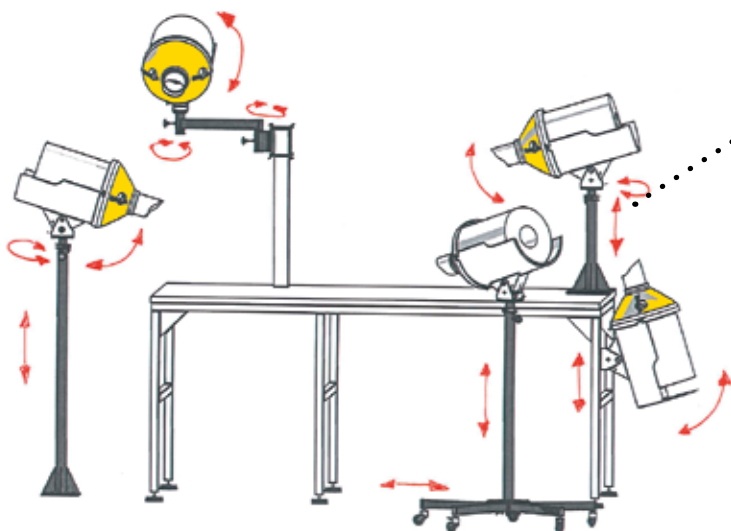
Available to new and existing customers. Our team of specialists will visit your site and run an in depth cost analysis of your current products vs. proposed products to find you the most cost effective and efficient solution

### Pack velocity

Our teams work closely with customers on pack design and pack velocity to demonstrate how the two go hand in hand. They will specifically focus on the price of each box, the time to assemble, and the labour cost per pack

### Drop test

Our team has access to facilities for conducting packaging testing to the International Safe Transit Association (ISTA) standard. By demonstrating drops from the "design drop height" for our proposed packaging, we can show to you how your products will be protected even at its most vulnerable times



### SpeedMan pro

The SpeedMan pro is an automated paper dispensing system, designed with speed and efficiency in mind

- Operated with a foot pedal
- Continuous speed adjustment assists with greater flexibility
- A mobile battery version is also available



### SpeedMan box

The SpeedMan box is a low cost, ready to use, manual paper void fill dispenser

- Suited to low volume users
- Compact, mobile and environmentally friendly

### SpeedMan classic

The SpeedMan classic is a manual paper dispensing system

- Easy to use
- Maintenance free
- Can be mounted to a bench clamp or floor stand



### PaperJet

The PaperJet is comfortably the fastest automated, cushioned paper delivery system on the market

- Produces 7600 metres of uninterrupted paper cushion
- Can be incorporated with a hopper basket system to feed numerous packing stations







## Protection & void fill



### Mini air bundles available

#### Mini air machine

- Small and easy to use
- Simple to set up. Just plug into a standard three pin socket
- Can run 8 different film formats
- Huge space saving vs. void fill or bubble wrap
- In action videos on our website

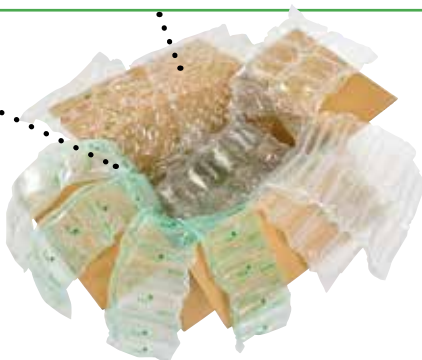


#### Filler cushions

- Filler cushions offer a replacement to traditional void fill such as loose fill chips
- The narrower filler cushions can also be used for layering
- Available in 100% biodegradable film

#### Wrapper quilt

- 'Wrapper quilt' cushions are a direct replacement for bubble wrap and are also available in heavy duty, perfect for wrapping delicate items
- These cushions offer a protective layer and block-and-brace protection for corners



#### Accessories

- A range of mini air accessories are available to make your operation more efficient and flexible, including a floor stand, foot pedal, sensor and hopper systems and mobile dispenser trolley
- Visit our website or call for more details



#### Wrap & hold

- A universal system that combines patented packs and an automated stretch wrapping machine to create secure, presentable packages
- Packs and film can be designed for your bespoke requirements. Tunnel height is also adjustable to allow for larger items (such as bulky car parts)

#### Wrap & hold

- Very high shock-resistant packs
- Improve efficiency
- Reduce packaging materials
- Standardise packaging operations
- Optimise transportation
- Lower environmental impact



Please call 02476 420065 to be put in touch with our specialist in-box engineers, or visit our website and watch our demonstration videos





## Air shock

- Manufactured from a low density material and inflated using an integrated valve, air shock when inflated offers a rigid and highly burst-resistant pack
- Suited to a variety of different sized products
- Available with outer boxes, when a postal solution is needed

**Bespoke:** our experienced team can also design bespoke air shock solutions. Call us on 02476 420065

## Air shock for pharmaceuticals

- Ideal for protecting a variety of fragile pharmaceutical products
- Armoured air protection ensures important goods arrive undamaged
- Choose from small or large medicine packs, with or without an outer box
- Although ideal for pharmaceuticals, these packs can also be used with a range of items that fit within the usable dimensions



## Bottle packs

- Our bottle packs suit the drinks industry, particularly sellers of expensive vintage/exclusive wines and spirits or personalised bottles
- Air Shock will help eliminate your breakage
- Magnum bottle size available



## Air shock for electronics

- Designed to keep electrical goods safe during transit thanks to their excellent shock absorption and burst resistance
- All feature a flat, fold-in lid and built in valve for easy inflation
- Choose from laptop, mobile, hard drive, tablet packs and TV corners with or without outer boxes
- Although ideal for electronics, these packs can also be used with a range of items that fit within the usable dimensions



## Air shock inflation

- Our patented pre-inserted valve, incorporated into the pouches, avoids fiddling with air protection nozzles and significantly speeds up the inflation process
- For small quantities, our dual action hand pump is ideal
- Customers using high volumes of air shock will benefit from our inflation kits and compressors for maximum production efficiency

## Air shock for ceramics

- Designed to protect fragile ceramic or ornamental items in transit and storage
- Ensures that products arrive at their destination in the exact condition they were sent
- All of our ceramic pouches feature a flat, fold-in lid and built in valve for easy inflation. Choose from mug, bowl, side plate, and dinner plate packs, all with or without outer boxes
- Although ideal for ceramics, these packs can also be used with a range of items that fit within the usable dimensions



Please call 02476 420065 to be put in touch with our specialist in-box engineers, or visit our website and watch our demonstration video



## Protection & void fill

### Premium polystyrene loose fill chips

- A high quality, strong, resilient and versatile in-box solution
- Unaffected by moisture, ideal for use with a wide range of products



### Universal cardboard dividers

- Self-locking universal cardboard dividers for segmented protection
- Any cell size from 2x2" to 12x12" and any combination of cell sizes in a single box
- Perforations every 6 inches - simple tear off & lock in design



### Bubble wrap

- Kite's co-extruded bubble wrap offers impact protection for many items, and has a layer of nylon barrier film to improve air retention
- Small bubble suits general purpose wrapping, while large bubble is ideal for bigger items
- Easy-tear available



### Biodegradable loose fill and vermiculite

- Starch-based loose fill chips ('greener' than polystyrene) are 100% biodegradable and provide cushioning for a variety of products
- Available in white
- Vermiculite is mineral based, environmentally friendly, fireproof and absorbent
- Use it to package hazardous liquids, or even to grow plants and make concrete!



### Air protection

- **Mini air cushions:** Cost-effective, space-saving solution to use as wrapping, void fill and block-&-brace
- **Air shock pouches:** Puncture-resistant packs, ready to inflate on demand using an integrated valve

Find out more on page 21, 23 and 24

### Instapak

- Self-expanding foam for delicate and high value items
- Activate the pouch through hand applied pressure, and rapidly expanding foam forms a cushioned mould around your product



### Shredders

- Our cardboard recycling shredders turn waste cardboard into a useful packaging material, for void fill



### Silica gel & desiccants

- Used to absorb moisture and water in products
- Ideal for a range of industries
- Effectively prolong and prevent rust, mildew, and corrosion



### Wood wool

- A light, biodegradable void fill made from shredded timber
- Popular with the gift industry to fill hampers
- Environmentally friendly solution that creates a highly presentable package



### Which one is right for you?

	Lowest cost per m <sup>3</sup>	Low storage footprint	Enviro friendly	Long-term storage	Main use
Bubble wrap					Wrapping
Loose fill			✓		Void fill
Paper	✓	✓	✓	✓	Block-&-brace
Air cushions	✓	✓			Various
Instapak		✓		✓	Shock protection
Air shock		✓	✓		Shock protection



# Packaging for removers

Kite offers a range of products which are ideal for use in the removals and furniture manufacturing industry

## Furniture protection

- Furni-guard, furni-soft and Kite tuff-wrap are rolls of bubble wrap with specialist coatings laminated on to their outer surface
- Used for wrapping delicate materials (particularly glass, varnished wood and marble surfaces) where protection from moisture and scratching is essential



## Bubble blanket

- Premium stitched covers protect items from surface and impact damage whether in storage or transit and are reusable time and time again
- Available in 3 sizes suitable for chairs, sofas and much more



## Wardrobe cartons

- Ideal when moving home, transporting, storing or removing clothing items
- Also includes a plastic rail

## Polythene furniture & mattress covers

- Protect items from dust and damage whilst in storage or transit
- Manufactured from high strength polythene



## Handle with care boxes

- Made from extra strong double wall corrugated card-board
- "FRAGILE Handle With Care" printed on both sides of the boxes provides clear message to ensure items are handled with additional care
- Suitable for packing fragile items



## Premium Klikstor archive boxes

- Strong, sturdy and extremely high quality boxes
- Assembled in seconds thanks to their unique design
- Features printed panels and hand holes
- Available as sets, bases and lids
- Collapse in seconds for easy storage

## Economy archive boxes

- Sturdy archive boxes for home and office
- Strong and robust with fold-in design
- Hand holes for ease of carrying
- Range of sizes to cover all archiving



# Foam protection

## Foam protection

- Protect corners and edges from shocks, scrapes or impact damage with our wide range of specifically designed foam fittings
- Manufactured from a high density foam, Kite offers one of the most extensive ranges in the UK
- Available in a wide range of profiles

## Foam pouches

- Kite's lightweight, non-abrasive foam pouches can encase a product and be secured with tape before shipping
- Available in a range of sizes, these pouches protect from scratches, moisture and vibrations, helping to ensure products arrive in perfect condition

## Foam sheets

- Foam sheets provide a protective layer between surfaces
- Protect delicate items such as glass, ceramics and wood from scratches and marks
- Commonly used for interleaving and wrapping products

## Net foam

- Net or mesh foam is a simple way to provide protection for cylindrical shaped items such as glass bottles and furniture legs.
- The sleeve-like solution is made from 1mm thick foam, and protects items from chips, scratches and scrapes during transit
- Also ideal for protecting fruit

## W-profile corner protection

- Specially engineered corner protectors designed for tables, desks and more
- Quick and easy to apply and can be re-used multiple times
- Protects against knocks and other damage

## Shock absorbers

- L-Shaped foam with integrated holes to provide ultimate shock protection
- Most suited to high-tech products such as computers and electronics
- Supplied in lengths of 2 metres that can easily be cut to size

## U-tulip corner protection

- Specially engineered corner protection, with U channel design
- Ideal for furniture, glass panes, doors, mirrors, and trickier items such as radiators and antiques
- Supplied as individual pieces, with each side 100mm length

## Self-adhesive foam blocks

- Self-adhesive foam blocks can be secured to the inside of boxes and around goods to provide additional protection
- Simply cut or snap and remove backing paper
- Available in blue low tack and white permanent adhesive foam
- Commonly used as a void fill to prevent product movement



# Corner and edge protection

## Corrugated corner protectors

- Low-cost solution to protect corners during transit and storage
- Delivered flat packed making them easy to store and assemble when needed
- Single and double wall available



## Solid board edge protectors

- Made from compressed recycled cardboard
- Protect delicate edges during transit and can be used to reinforce boxes and cartons
- Economical, reusable and recyclable
- Variety of sizes available that can also be cut to size as required



## Round cut corner protectors

- Specially designed to protect corners
- Popular with the furniture industry
- Made from polyethylene foam, with non-scratch properties



## O-profile edge protectors

- Specially designed O-shaped foam protection adapts to curves and cylindrical objects
- Easy to apply to items for fast, effective protection
- Manufactured from low-density polyethylene



## Instapak

- Instapak system allows you to produce your own moulded foam cushioning
- Complete, all-round protection for a wide range of items
- Ideal for any fragile or high value items



## U-tulip edge protectors

- Used to protect furniture edges, picture frames and glass edges
- Flexible material with tight grip strength and easy-to-use design
- Supplied in 2 metre lengths that can be cut and bent around corners and edges



## L-profile edge protectors

- Hugely popular in large packing operations, to provide edge protection for pallets
- Rigid material protects sharp edges and stabilises goods
- Cost-effective and quick way to protect products, supplied in 2 metre lengths that can be cut to size





# Guide to packaging tapes

## Which tape is right for you?

Standard packaging tapes can be identified in four ways:

1. Carrier: Polypropylene or PVC/Vinyl
2. Adhesive: Hot melt, solvent or acrylic
3. Width: 25mm, 48mm or 75mm
4. Core Size

## Coloured tapes

- Polypropylene tape with acrylic adhesive, 48mm wide x 66 metres long
- Available to in white, blue, green or red for improved presentation when sealing boxes or bags

## Hot melt – for chilled environments

- Vibac polypropylene tape is available with a hot melt adhesive
- Used where good adhesion in low temperatures is critical, such as in the chilled food industry, and unheated storage and warehouse conditions

## Solvent – for cold & ambient temperatures

- Kite offers polypropylene and PVC/Vinyl solvent tapes where the solvent adhesive has superior tack and works in both cold and ambient temperatures
- The PVC/Vinyl carrier can be torn by hand, making this a highly versatile tape

## Printed & custom tapes

- The easiest and cheapest way to build your brand – simply upload your own artwork to our website, choose polypropylene or PVC/Vinyl in a 1, 2 or 3 colours, and submit your order - within 24 hours (mon-fri) you will have your artwork proof for your approval



## Acrylic (water-based) – our branded tape

- Kite-branded acrylic tape is a general purpose tape, for use in ambient temperature environments
- We also offer an alternative low noise version, ideal for busy warehouses where noise reduction is important

ONLY NEED SMALL QUANTITIES?  
We offer our Acrylic tapes in packs of 6 rolls

## Specialist tapes - see page 39 & 40

- Duct tape
- Self-adhesive paper kraft tape
- Crossweave tape
- Aluminium foil tape
- Gummed paper tape
- Bag neck tape
- Double sided tape

## Envirotape – our best value packaging tape

Suits a wide variety of uses. Available in both hot melt and acrylic adhesives

- Kite - branded Envirotape has a smaller core with 150m per roll (more than twice the length of standard tape)
- Saves operating costs by having fewer roll changes and requires less warehouse storage space
- Is eco-friendly by reducing packaging waste (less cardboard core) and CO<sub>2</sub> emissions during transit



## Paper and custom tapes



Self-adhesive, 100% recyclable paper kraft



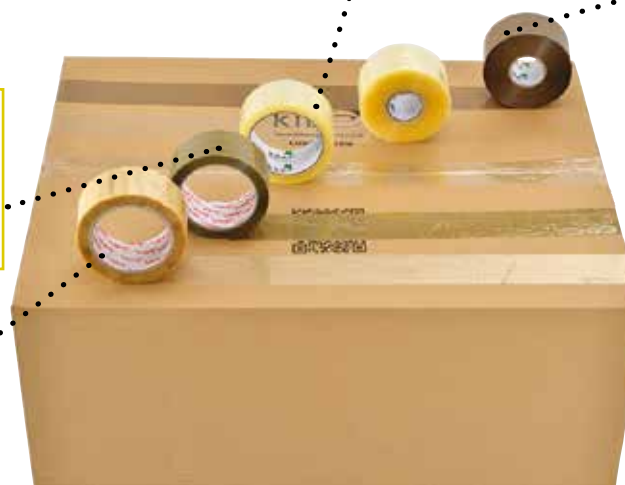
Fully recyclable and biodegradable gummed paper machine tape



Reinforced gummed paper machine tape for extra strength



Custom printed tape ideal for marketing and security



Use the table below to find out more about the types of tape so you can choose the right one for your application

Type	Kite standard acrylic	Vibac standard hotmelt	Vibac low noise	Vibac solvent	Premium vinyl/PVC	Kite Envirotape acrylic	Kite Envirotape hotmelt	Gummed paper tape
Length	66m	66m	66m	66m	66m	150m	150m	100m/200m
<b>Technical info</b>								
Core diameter	75mm	75mm	75mm	75mm	75mm	38mm	38mm	38mm/76mm
Total tape thickness	45 micron	45 micron	48 micron	55micron	52 micron	45 micron	42 micron	Various
Carrier	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Vinyl	Polypropylene	Polypropylene	Paper
Adhesive	Water-based acrylic	Hot melt	Water-based acrylic	Solvent	Natural rubber	Water-based acrylic	Hot melt	Starch
How to identify	Sweet smell, glossy, does not tear	Burnt plastic smell, glossy, does not tear	Sweet smell, glossy, does not tear, quiet off roll	Solvent smell, glossy, does not tear, quiet off roll	Solvent smell, matt, easy tear, quiet off roll	Sweet smell, glossy, does not tear, small core	Burnt plastic smell, glossy, does not tear, small core	High tack, paper texture, quiet off roll

#### Features & benefits

Can be torn by hand					✓			
Low noise			✓	✓	✓			✓
Used in low temperatures		✓		✓	✓		✓	✓
Enviro friendly						✓	✓	✓
Tamper evident								✓

#### Kite envirotape

- Meets green targets:  
Less waste and lower CO<sub>2</sub> emissions
- Reduces your costs:  
Cheaper per metre, saving on transport and storage
- Greater efficiency:  
Less frequent roll changes and less storage space required



#### Gummed paper tape

- Stronger seal:  
Forms a strong, fibre-bond with the box that will not peel away
- Temperature tolerance:  
Withstands high and low temperatures and humidity
- Better for the environment:  
Made from natural paper and starch, fully biodegradable

Full range of gummed paper tape dispensers available

## 48mm standard tape dispenser

- Kite's economical option for 48mm wide tape on a 75mm core
- Sharp guarded steel blade to easily cut through tape
- Curved handle for a better grip



**FREE HAND DISPENSER**  
with every 10 boxes of tape

## 75mm standard tape dispenser

- Lightweight option for 75m wide tape on a 75mm core
- Features a smooth non-ribbed handle with adjustable brake
- Sharp guarded blade for cutting tape



## Universal tape dispenser

- To be used with our standard 66m packaging tape and our range of extra long 150m rolls of enviotape
- Sturdy but lightweight with a comfortable grip
- Features a noise saver design & retractable safety blade for cutting tape



## Premium tape dispenser

- For 48mm tape only on a 38mm & 75mm core size
- Retractable safety blade cuts only when the plate is pressed up against the surface
- Quick and easy loading mechanism



## Carton sealing machines

- Carton sealing machines are the most efficient and cost effective method of applying tape in high volume carton sealing operations
- Carton sealing machines are ideally suited to busy packing areas and are the solution of choice for e-commerce companies, pick and pack departments, as well as fulfilment and logistics companies
- With flexible settings and top and bottom sealing, a range of different sized boxes can be taped quickly and easily



- Efficiently seal a wide range of box sizes
- Uses industry standard machine tape
- Automatic and semi-automatic machines available



## Machine carton sealing tape

Machine applied packaging tape is specifically designed for use with a carton sealing machine. Manufactured from polypropylene material with a hotmelt adhesive, this tape can be used with any carton sealing machine to guarantee a strong and consistent seal to cartons. Sold in boxes of 6 rolls

- 50mm width x 990 metres per roll
- 75mm core width
- Kite's branded tape offers the most competitive price per metre
- Premium brand Vibac also available







## Specialist tapes

### Duct tape

- ▶ Durable, tear-resistant and will adhere to virtually any surface
- ▶ The ideal product for indoor and outdoor applications
- ▶ Ideal for temporary repairs and quick fixes due to its ability to hold, seal and bundle



### Self-adhesive paper kraft tape

- ▶ No water needed for activation
- ▶ Forms a strong, long lasting, highly adhesive bond
- ▶ Strong resistance to moisture and humidity
- ▶ 100% recyclable



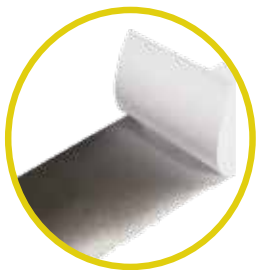
### Crossweave tape

- ▶ High tack strapping tape with high tear resistance
- ▶ Made with reinforced glass fibres to give extra tensile strength
- ▶ For heavy duty and high security sealing, ideal for heavy pallet loads
- ▶ Extremely strong and durable



### Aluminium foil tape

- ▶ Commonly used within the construction industry, it is waterproof, very tough and is used for heavy duty requirements



### Gummed paper tape

- ▶ Gummed paper tape has become increasingly popular in fulfilment and e-commerce operations
- ▶ It is tamper evident and also offers an incredibly secure seal because the tape bonds directly with the box fibres giving high adhesion
- ▶ Able to withstand both high and low temperatures, gummed paper tape is almost impossible to tear off once applied
- ▶ Being paper-based, it is also easy to recycle



Full range of gummed paper tape dispensers available

### Masking tape

- ▶ Easily removed without leaving an adhesive residue
- ▶ Excellent resistance to water and solvents, great for outdoor use and decorating
- ▶ Will stay in place for up to 14 days in sunlight



### Bag neck tape and dispenser

- ▶ Kite's range of bag neck tapes suitable for use with a bag neck sealer
- ▶ Available in a range of colours which can help to identify the contents of bags and provide a secure seal every time
- ▶ Popular with bakeries and grocers



### Double sided tissue tape

- ▶ Versatile double sided tape with an excellent initial tack that ensures a great bond is achieved
- ▶ Sticky on both sides with removable backing paper





# Polythene & specialist bags

## Polythene bags

- Light duty bags (20 micron): high clarity and non-toxic, ideal for small goods
- Medium duty bags (50 micron): for a range of products including food, hardware, and toiletries
- Heavy duty bags (90 micron): for heavy items such as tools and building materials
- Extra heavy duty (125 micron): Ideal solution when needing to pack heavier, bulky and sharper goods

See the full list of sizes online or use our size search tool

## Document enclosed wallets

- Secures documentation
- Water-resistant
- Available as plain, or printed with the words
- "DOCUMENTS ENCLOSED"
- Wide range of sizes in stock



## Grip seal bags

- Plain and write-on panel available
- Made from strong 45 micron material
- Huge range in stock



## Heavy duty grip seal bags

- 75 micron polythene
- Strong grip seal closure
- Ideal for storing, collating & transporting heavy duty items



## Polythene rolls

- Clear polythene sheeting provided on the roll
- Water resistant, used predominantly in the building and removals industry
- Ideal for protection, storage and transit of bulky items
- Higher micron suitable for heat shrinking



## Refuse sacks

- Suitable for both industrial and general domestic use
- Available in large or extra large and in black, clear or coloured polythene, ideal for sorting waste
- Low density material gives premium strength and puncture resistance



## Specialist bags

We also supply a list of specialist bags for a wide range of uses

- Woven polypropylene sacks:** For heavy duty items, made from strong woven material
- Rubble sacks:** Used in the building industry for collation, storage and removal of rubble
- FIBC storage bag:** Strong lifting loops for easy transportation with a forklift or crane
- Gift, card & sweet bags:** Ultra-clear polypropylene bags for candles, cards, gifts and sweets



## Blue tint gusseted bags

- 50 micron blue tint gusseted bags for lining boxes
- Waterproof making them ideal for a range of industries
- Available in a range of sizes



## Metallised shielding bags

- Clear metallised shielding bags used to protect items from static charges
- Available as grip seal or open top that can be heat sealed
- Printed with ESD hazard warning logo
- Popular with electronic and IT industries



## Anti-static bags

- For use in a static-controlled environment to protect products from damage
- Made from 300 gauge polyethylene & coated with an anti-static agent
- Available in open top and grip-seal





## Bags



### Paper carrier bags

- Bags and handles manufactured from strong kraft paper
- Popular with retailers such as boutiques and gift shops
- Available in brown and white



### Brown paper bags

- General purpose gusseted brown paper bags with block bottom
- Ideal for retail products such as fruit, sweets, hardware and more
- Made from 70gsm kraft paper



### Perforated poly bags on a roll

- Available in two different microns
- Perforated between each bag for easy dispensing
- Ideal for butchers, bakeries and grocers

### Foil paper bags

- Ideal for insulation and preserving temperature in hot food
- Ideal for takeaways, food vans, cafés & much more
- Each size features a gusset



### Strung paper counter bags

- Ideal for a range of products including confectionery, crafts, hardware and grocery products
- Environmentally friendly alternative to polythene
- Available in a range of sizes and in white sulphite or brown kraft to accommodate a large variety of products



## Office supplies



### Printer labels

- Perfect for every day office use and for shipping and dispatch
- High quality multi-purpose labels to be used with suitable printers
- Easy peel-&-stick



### Board envelopes

- Range includes brown board backed and white all-board envelopes
- Ideal for posting important documents that need to be kept flat and feature a secure peel-&-seal strip
- "Please Do Not Bend" message printed on brown board backed envelopes



### Document enclosed wallets

- Secure documentation
- Water-resistant
- Available as plain, or printed with the words "DOCUMENTS ENCLOSED"
- Range of sizes



### Paper recycle bins

- Separate paper products from general rubbish ready for recycling
- Quick and easy to assemble
- Made from strong double wall cardboard



### Rubber bands

- Ideal for binding and storing a range of items
- High latex content, meaning they can be used over and over again
- Produced from natural rubber and natural in colour





# Heat sealing



## Lay flat tubing

- Wide range of thicknesses and widths in black and clear
- Used with a heat sealer to create custom polythene bags
- Can also be sealed with wire ties and plastic cable ties
- Ideal for long, thin items that are difficult to package



## Heat sealing – as easy as 1 – 2 – 3

Heat sealing is quick, easy, cost-effective, and gives a professional looking package each and every time. Here's how to use a heat sealer to seal polythene bags and lay flat tubing:

- 1 Place your product inside the bag or length of tubing



- 2 Insert the open end of the bag or tubing between the lips of the sealer



- 3 Press the lever down to seal the bag, and slide along the cutter to remove excess material

## Heat sealers

A versatile range of heat sealers are available:

- Hand-held sealers:** Portable and light. Most suitable for occasional use
- Basic table top heat sealers:** Cost-effective for low-volume
- Standard heat sealer:** Available with or without cutters
- Industrial heat sealers:** Integrated cutter as standard, and can make 3-4 seals per minute. Used for sealing heavier duty tubing
- Heavy duty heat sealers:** Used for high volume sealing, for a range of polythene based materials. Fully controllable heating and cooling settings, and also supplied as a 'bundle' which can include a worktable, bag support, foot pedal and spare parts kit

# Heat shrink & vacuum

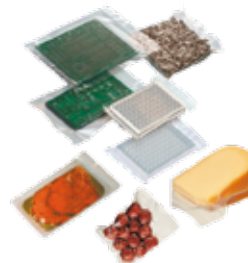


## Vacuum machines

Vacuum packaging is used for two key purposes:

- Shelf life extension** by removing oxygen and carbon dioxide in and around a product (the main causes of metal corrosion is spoiling in food)
- Saving space** by compressing soft goods and products that flow to reduce pack size

Different models are available, each with varying pump capacity for a speedier operation



## Vacuum pouches

- Designed for use with vacuum chamber and vacuum sealer machines
- High clarity and able to withstand colder temperatures
- The material is food grade and is also suitable for the medical industry

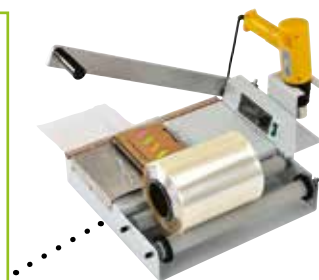
## Polyolefin shrink films

- Offer high clarity. Ideal for point-of-sale packaging for a professional finish
- Use with our desktop shrink systems
- Can be used to protect an array of products such as toys and games, food and stationery



## Desktop heat shrink machinery

- 2 different models available to suit various widths, and designed to easily set up a heat shrink work station
  - Simply use the rollers to position the shrink film, and create bespoke bags using the integrated shrink sealer
  - The desktop gun can then be used to create a shrink wrapped item, ideal for POS and retail display
- Browse our full range of systems and films online see page 47







# Heat shrinking equipment



## Heat shrinking

- Heat shrinking can help secure pallets for transit, and are suited to very large items – all the way up to ocean-going yachts!
- Surround the pallet or item with a heat shrink cover, and use a heat shrink gun to shrink the material tightly around the product
- We sell both the market leading 'Ripack' gun with a full set of accessories, as well as an economy Kite Packaging gun

See our demonstration videos online



## Kite Packaging heat shrink gun

- Kite's best value heat shrink gun is ideal when keeping to a budget
- Ergonomically designed to fit comfortably into the user's hand
- Ideal when users have high volume throughput

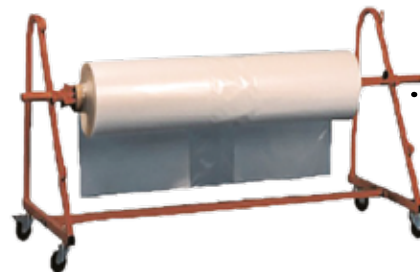
## Ripack 2200 gun

- Safe, efficient and easy to use
- Features cool nozzle technology to prevent risk of burning
- Large flame area to enable fast and effective shrinking



## Ripack 3000 gun

- The Ripack 3000 boasts a quick replacement ignition cartridge
- Features cool nozzle technology and the nozzle also rotates 360 degrees
- 15% more powerful than the Ripack 2200 meaning you use less energy

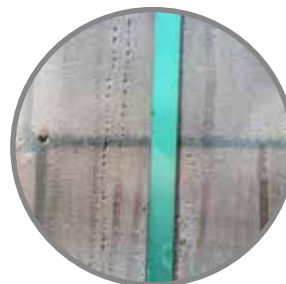


## Roll dispenser

- Pallet shrink covers are supplied on a perforated roll designed to fit a pallet shrink roll dispenser
- Improves efficiency and ease of use

## Ripack extension wands

- The perfect addition to the Ripack 2200 & 3000 propane heat shrink gun range
- Simplify the shrinking of pallets or products that sit high, with a high profile and curved items that can be wrapped in shrink film



## Pallet heat shrink covers

- Specifically designed for covering full pallets
- Offer a quick and easy method for securing and protecting pallet loads against moisture, dust and theft
- Can be used with Kite's heat shrink gun range

## Gusseted pallet covers

- Pre-welded bottom so that the gusseted pallet top cover sits flat on top of your goods, protecting them from dust, dirt and certain weather conditions





# Strapping

We offer an extensive range of strapping to bundle, group and palletise products quickly and efficiently

## Polypropylene strapping

- Perfect for use with light and medium duty strapping tools
- Ideal for use with a dispenser trolley
- Embossed to prevent splitting



## Steel strapping

- High tensile strength
- Ideal for strapping sharp edges or irregular shaped loads
- Favoured in the building and construction industry
- Available in the 3 most popular widths 13, 16 & 19mm



## Polyester strapping

- On a cardboard core
- Used in brick, lumber and textile industries due to excellent tension properties
- Can be used with a machine or hand dispenser



## Corded strapping

- High-strength corded strapping (non-woven polyester cord strapping)
- Stronger than standard polypropylene (PP) and polyester (PET) strapping making it ideal for heavy duty applications
- Lighter and more user friendly alternative to steel strapping



## Bale strapping

- Strong strapping ideal for heavy, awkward loads and compacting bales
- Does not tear or fray and can be hand tied
- Our coils fit most popular makes of compactors and balers
- Available on 9mm and 13mm reels



## Paper strapping and film strapping

- Paper strapping manufactured from 80gsm thick paper
- Film strapping manufactured from 60 micron polypropylene



## Which one is right for you?

Type of strapping	Breaking strain kg	Elongation	Seals	Can be used with a friction weld tool?
Polypropylene	110-300	High	Standard & serrated metal, plastic & steel buckles	Yes
Steel	600-900	Low	Steel snap-on	No
Polyester	270-440	Low	Serrated metal	Yes
Corded	370-510	Medium	Steel buckle	No
Bale	280-380	Medium	N/A	No
Film	33	Low	N/A	No
Paper	13	Low	N/A	No



# Strapping tools & accessories

## Polypropylene strapping tools

- Strapping tensioner**  
13-19mm strapping tensioner tool for use with strapping with a maximum thickness of 0.9mm
- Strapping sealer**  
12mm and 16mm strapping sealer tools in economy, standard or heavy duty
- Combination tools**  
12mm combination tools suitable for different strapping thicknesses. Performs both sealing and tensioning
- Friction weld tools**  
Friction weld tools to tension strapping



## Security seals

- Tamper-evident plastic security seals
- Once they are sealed, they cannot be opened without breaking them
- Three specifications available: standard, tear-off and attached lid container seals



## Cable ties

- Plastic clear & black – made from a strong nylon plastic
- Releasable cable ties – remain locked until intentionally released
- Range of sizes



**Seals:**  
Standard metal  
Serrated metal  
Plastic buckle  
Steel buckle  
Steel snap-on

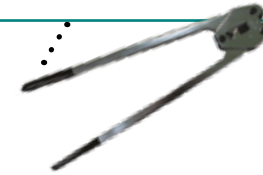
## Seals

- Strapping seals and buckles are often essential to ensure a tight seal for adequate strap tension
- We stock five variants for strapping, and the type you need will depend on the application
- For more information visit our seals page on our website [kitepackaging.co.uk](http://kitepackaging.co.uk)



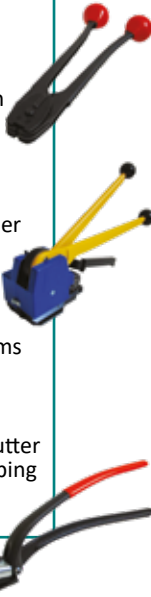
## Polyester strapping tools

- Friction weld tools**  
Friction weld tools to tension strapping widths from 9-16mm
- Strapping sealer**  
Heavy duty sealer available to seal 12mm and 16mm serrated seals
- Spare battery**  
Compatible with the cordless friction weld tools



## Steel strapping tools

- Strapping tensioner**  
13-19mm tensioner for use with strapping with a maximum thickness of 0.89mm
- Strapping sealer**  
13, 16 and 19mm strapping sealer tools for snap-on seals
- Combination tools**  
13-19mm combination tools in economy and premium. Performs both sealing and tensioning
- Safety cutter**  
Has rubber pads each side of cutter to help prevent the steel strapping from springing when it is cut



## Friction welders

- Polypropylene and polyester strapping tools also available in cordless
- 4 styles available, suitable for sealing 9mm to 16mm widths of strapping
- Ideal for applying tension and sealing strapping



## Steel twist ties

- Twist ties made from steel wool
- Plain black steel or green PVC coated ties suitable for a range of industries
- Suitable for heavy duty securing





# Strapping kits & machines

Kite offers cost-effective and ready-to-go strapping kits. We supply both standard and heavy duty strapping kit options, including a range of tools for tensioning and sealing as well as dispenser and trolley units to provide added efficiency for the operator

## Polyester strapping kits

- Kits includes a reel of strapping, trolley, tensioner, sealer and seals
- Everything you need in one single cost-effective package



## Steel strapping kits

- Choose from six kits that feature everything you need to safely secure loads
- Kits include items such as a reel of strapping, trolley, tensioner, sealer, cutter and seals. See our website for more information on what each kit includes.



## Polypropylene strapping kits

- Four different cost-effective and ready-to-go strapping kits
- Choose from standard to heavy duty options to suit a range of requirements
- Each includes a reel of strapping, tensioner, sealer, seals and other tools



## Corded strapping kits

- All the equipment you need to apply corded polyester strapping to your goods
- Kits includes a reel of strapping, stand, tensioning tool and steel buckles
- Corded strapping is ideal for heavy duty applications
- Safely secure loads of all shapes and sizes



## Automatic strapping machines

- Can be operated with a foot pedal
- Strapping feeds automatically
- Easy strap change and minimal maintenance



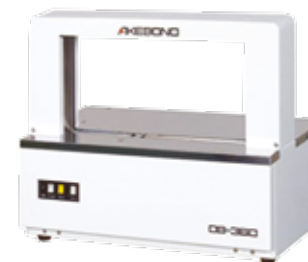
## Semi-automatic strapping machines

- Fast and reliable
- Strapping is fed to the machine manually
- Mounted on wheels for ease of movement



## Paper & plastic film strapping machines

- Applies paper & plastic strapping to packages and media
- Easy to operate
- Versatile table top design







# Plastic boxes, pallets & export cases

A versatile range of products, suitable for a wide range of industries including postal, storage, warehouse and retail

## Stack & nest plastic containers

- Stack when full, nest when empty
- Easy to use, tough dependable containers
- Available with or without a lid
- Protect products during picking, assembly, processing, storage & distribution



## Attached lid plastic containers

- Perfect re-usable or multi-trip packaging solution
- Allow for up to 10% greater vehicle efficiency
- Lids secure in a vertical line when nested
- Suitable for a range of industries



## Pallet boxes

- Designed for heavy items in transit
- Provide a strong, reliable & protective means of shipping
- Produced from strong double wall stitched corrugated cardboard



## Plastic pallet boxes

- Created as an end-to-end transit system
- Eliminate the need for pallets
- Ideal for bulk movement



## Pallets

We offer a full range of pallets, including plastic and presswood

- Timber pallets:** A sturdy base for heavy loads
- Plastic pallets:** A hygienic, re-usable solution
- Presswood pallets:** An environmentally-friendly alternative to timber – stackable, recyclable, light-weight and suitable for exporting globally
- Corrugated pallets:** Strong, lightweight alternative to wooden and plastic pallets

All our pallets can be used with forklifts and pallet trucks



## Timber cases & wooden crates

- Ideal for transporting extremely heavy or highly fragile products
- Manufactured from 6mm plywood
- Can be stacked 2 or 3 high in storage

## Do not stack cones

- Simple and cost-effective way to prevent over stacking
- Secure in place with strapping or tape
- Reduce the risk of damaged stock
- Supplied flat packed





# Layer pads & sheets

## Layer pads & sheets

Whether you are transporting stock, or simply storing it, our layer pads and sheets will offer users the adequate protection products often need

- **Correx sheets** - Tough, lightweight, waterproof applications
- **Corrugated sheets** - Ideal for creating strong dividing layers in cartons and stacking



## News offcuts (filler paper)

- Unprinted white newspaper offcuts made from 45gsm paper
- Low cost solution for packing a range of items and to fill voids inside boxes



## Waxed kraft paper

- Heavy duty paper with a wax finish, used to wrap greasy or oily components and products
- Paper provides a moisture resistant barrier preventing absorption of oils and acts as a corrosion inhibitor to keep products in good condition



## Pure kraft paper rolls

- High quality wrapping and packing material
- Strong, durable and tear resistant
- Available in 70gsm and 90gsm, and made from paper from sustainable forestry sources



## Ribbed kraft paper

- Suitable for a variety of packaging and wrapping purposes, and available in two paper weights, 70gsm and 90gsm
- Made from 100% virgin material
- Ribbed design provides cushioning protection to light and medium duty items.



## Recycled paper rolls

- Low cost, all-purpose packaging paper
- Made from 100% recycled paper
- Supplied on continuous rolls where lengths can be cut to size as required



## Foam sheets

- Used to provide a protective layer between and on top of delicate surfaces such as glass and ceramics
- In a range of sizes easily cut to size
- Keep shipping costs low due to light weight



## VCI paper

- Used in engineering and mechanical industries
- VCI (Volatile Corrosion Inhibitor) paper is designed to protect steel, iron, copper and brass items from rust and tarnish
- The paper slows the process of corrosion, and does not leave any residue so items can be used immediately after being stored



## Kraft Union paper

- Also known as bitumen paper, Kraft Union paper is water and moisture resistant, and is commonly used to line wooden export cases, and is ideal for the engineering industry
- Layer of bitumen with two layers of kraft paper either side, providing effective protection from moisture to goods wrapped in the paper



## Single face corrugated rolls

- Raised corrugated flutes on one side of paper to provide protective cushioning against impact
- Made from recyclable, 75gsm paper
- Variety of roll widths available





# Stretch wrap

We supply the widest range of quality stretch films in the UK market with specifications to suit all applications

## We guarantee:

- £ Consistent thickness as specified
- £ Accurate roll lengths



## Pallet top covers

- Pallet top covers, or dust sheets, sit on top of the pallet to protect palletised goods from dirt and dust

## Cast or blown film?

Stretch film is manufactured using a 'cast' or 'blown' process with each having certain advantages

### Cast

- Great transparency
- Extremely good tear resistance
- Quiet unwind, reducing noise levels

### Blown

- Ideal in dusty or cold temperatures (-32C)
- High puncture resistance
- Excellent load stability

## Mini rolls

- Measure 100mm x 150m
- Great for bundling small loads
- Can be printed with your logo



## Envirostretch & pre-stretch pallet

- Produces less waste, so kinder to the environment
- Cost-effective
- Strong and durable
- Lighter and easier to use
- Available in flush core, extended core & coreless

## Flush core hand wrap

Manufactured from high quality clear film (cast and blown), flush core pallet wrap is the most common hand wrap in the market. It suits a wide variety of applications

- Full range of thicknesses & colours
- Suitable for wrapping all pallet types
- 400mm and 500mm wide rolls
- High performance blown films for cold temperatures

## Printed stretch films

- We can supply high quality stretch wrap printed with your logo or message
- Available on mini rolls, hand rolls or machine film in a range of colours, entirely bespoke to your design
- Great for security and gives your brand improved visibility

## Extended core hand wrap

Makes applying the film around a pallet easier than using a normal flush core

- Available in cast and blown, clear, blue or black
- Our range includes high performance films
- Core extends 65mm from each end of the roll

## Coloured stretch wrap films

- For certain applications and industries using coloured stretch wrap can give additional benefits such as UV protection
- Blue stretch wrap is commonly used for identification of food products and is made from a raw material that is certified for contact with food
- Black and white films can be used when security is important and to stop goods from being identified

## Ventilated films

Tailored to a variety of specific industries and applications thanks to its unique properties and is available for both hand and machine applications

- Allows for air circulation around wrapped products
- Prevents condensation build up
- Ideal for growers, the drinks industry and chilled environments





## Stretch safe system



**SYSTEM**  
Kite's latest patented solution



Traditional hand pallet wrapping is the cause of **poor body mechanics**

Walking backwards increases the risk of **tripping**



Badly wrapped pallets will result in **pallets collapsing** during transit or on an operator

Bending while stretching the film puts **50% more stress** on the back

Watch the demonstration video online

### Stretch safe system

- Manual mobile wrapping system, designed to wrap any pallet under 2 metres in height
- Only requires 600mm of space around the pallet
- 40% time saving compared to the traditional method of hand wrapping
- Roping device to ensure maximum load stability
- Adjustable tension ensures pallets are wrapped with the correct tensions and less film is wasted



### 5x5 system

- One of the UK's safest way of reducing health and safety concerns associated with hand wrapping pallets
- Ergonomically designed to improve comfort and efficiency of wrapping
- Operator walks forwards improving wrapping speed
- Reduces the amount of plastic used within your business (by up to 60%) and your tax liability
- Fixed gear ensures the correct tension is applied and less film is wasted

**Bundles available**

Watch the demonstration video online.

### 5x5 System certified by EAWS :

ISO 11228 (Ergonomics – Manual handling - Pushing & Pulling)  
ISO 11226 (Ergonomics – Evaluation of working postures)

### Stretch film audit

- Our stretch wrap division team of highly experienced stretch film specialists can visit you to carry out a scientific audit of your stretch film requirements
- By analysing your current stretch wrap material and machines they will identify opportunities for you to reduce cost or increase efficiency

**Call our sales team on 02476 420065 to book your audit**

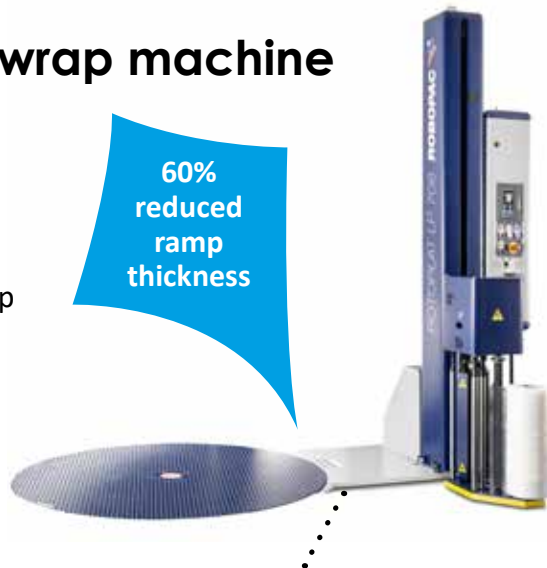




## Low profile pallet wrap machine

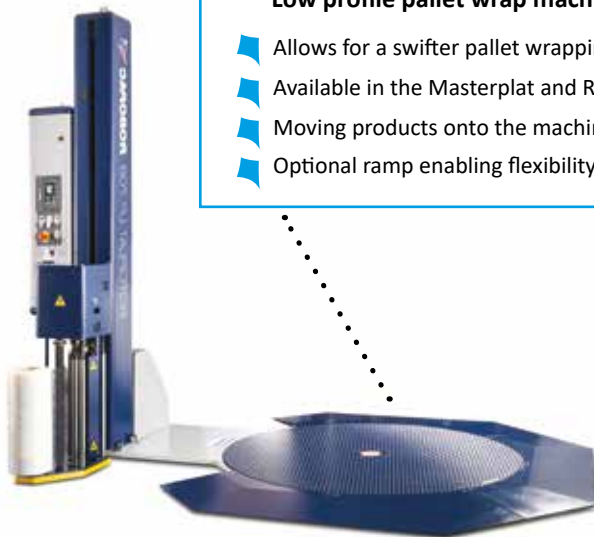
- Save space
- Easy loading due to thinner ramp
- Load from every angle
- New disk rolling system

60%  
reduced  
ramp  
thickness



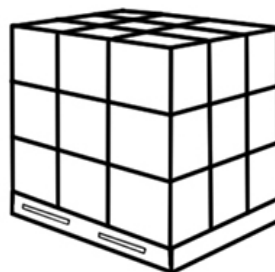
### Low profile pallet wrap machine

- Allows for a swifter pallet wrapping operation
- Available in the Masterplat and Rotoplat ranges
- Moving products onto the machine is easier
- Optional ramp enabling flexibility and space



**Do you buy enough stretch wrap to fill a pallet?**

Save money by purchasing stretch wrap by the pallet.



## Pallet wrap machines and film

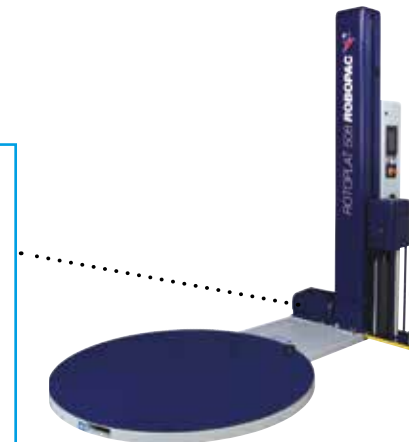


### Automated pallet solutions

Cost effective. Safe. Consistent

### Turntable pallet wrap machines

- Full range of systems, from entry level to advanced and low profile
- Maximise the efficiency of wrapping with a variety of adjustable settings and programmes
- Designed to tension consistently around uniformed sized pallets
- Full range of accessories available (ramps, pit frame and digital weighing scales)



Robot machine  
drives itself  
around the load  
- watch our video  
online

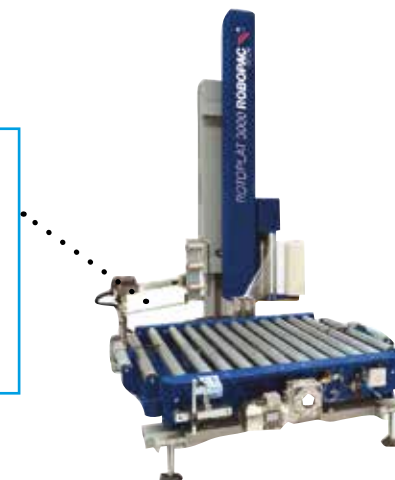
### Robot machines

- Flexible, quick, easy, efficient
- 2 types available
- Ideal for odd shaped loads
- 3 programmes options
- Full safety features
- Mobile so can be moved to any area of your warehouse operation



### Fully automatic turntable machines

- Seamlessly integrated into existing production processes
- Fully automatic
- Variable pre-stretch up to 400%
- Wraps 100+ pallets per day





## Pallet wrap machines and film



### Fully automatic rotary arm machine

- Variable pre-stretch up to 400%
- Reduce film usage by 30% to 55%, saving you £'s
- Wrap 120+ pallets per day



### High performance machine pallet wrap/films

- Our wide range of cast and blown machine films means we have a film type suited to all applications and generations of stretch wrapping machines
- The table below lists the full range of films we offer
- For advice on choosing the right film call our team of experts on 02476 420065



Machine stretch wrap film selection tool

Description of film	Pallet type			Benefits				
	Square	Irregular	Protruding	High holding force	Security	UV protection	Good clarity	Cold temp
17mu 150% elongation - cast	✓						✓	
17mu 250% elongation - cast	✓						✓	
17mu 300% elongation - cast	✓						✓	
20mu 150% elongation - cast		✓					✓	
20mu 250% elongation - cast		✓					✓	
23mu 150% elongation - cast			✓				✓	
23mu 250% elongation - cast			✓				✓	
34mu 250% elongation - cast			✓				✓	
Carbon 500mm - high performance	✓			✓			✓	✓
Alloy 500mm - high performance	✓	✓		✓			✓	✓
Alloy Plus 500mm - high performance	✓	✓		✓			✓	✓
Fusion 500mm - high performance		✓	✓	✓			✓	✓
23mu 250% elongation white			✓		✓	✓		
23mu 250% elongation blue			✓		✓	✓		
25mu 250% elongation black			✓		✓	✓		



## Workstations & pallet stillages



### Packing workbenches

- Sturdy packing benches designed for packing areas
- Each can withstand an uniform distributed weight load of 250kg
- Can be used as individual units or multiple units can be integrated together
- Range includes 4 different configurations with a variety of accessories including shelves, roll holders, rails and dividers



### Sloping top workstations

- Ideal for a variety of work environments including warehouses and factories, particularly for team leaders
- Workstations available with or without multiple cupboards and drawers
- Compact and robust design



### Pallet stillages & post pallets

- Ideal for storing a range of products including heavy duty materials
- Range of pallets available including open fronted pallets, half drop side pallets, box pallets and detachable side pallets
- Pressed metal feet provide strength and stability



### Chute pallets

- Organise and access materials and components easily using heavy duty chute pallets
- Space saving as chute pallets can be stacked up to 5 pallets high
- Available in 2 different sizes





## Cupboards, trucks & trolleys



### Cupboards

- COSHH, first aid and hazardous substance cupboards available
- Robust and high quality - suitable for all workplaces
- The cupboard shelves have a uniform distributed load of 70kg
- Comply with Fire Classification EN 13501-1
- Warning stickers supplied as standard

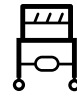
### Shelf trucks

- Designed to transport goods and materials easily and safely
- Mobile trucks allow for easy picking of items
- Range includes light and heavy duty trucks
- Available with 2 to 5 shelves



### Boxwell trolleys

- Transport goods and materials around busy operations safely
- Delivered with 2 shelves, with the option of additional shelving
- Each shelf has a uniform distributed load capacity of 100kg
- Available with or without fitted doors



## Waste compact & cardboard balers kite



### V5 baler machine

- Suitable for small and medium-sized operations
- Ideal for restaurants, retail & small manufacturing companies
- Suitable for cardboard, plastic, textile, paper, polystyrene & food waste
- Cycle time of 28 seconds and 5 tonne pressing force

### V8 baler machine

- Suitable for medium volume operations
- Ideal for supermarkets, department stores, manufacturing plants and logistics centres
- Suitable for cardboard, plastic, textile, paper, polystyrene and food waste
- Cycle time of 33 seconds and 8 tonne pressing force



### V20X baler machine

- Suitable for bailing cardboard, plastic, paper, textile and food waste
- Designed with a low overall height
- Perfect for medium volume users that have height restrictions
- Cycle time of 35 seconds and 25 tonne pressing force

### V50 baler machine

- Suitable for bailing cardboard, plastic, paper, polystyrene and aluminum
- Ideal for high volume users
- Suitable for large manufacturing plants, logistics operations and multi-product recycling plants
- Cycle time of 45-50 seconds and 50 tonne pressing force





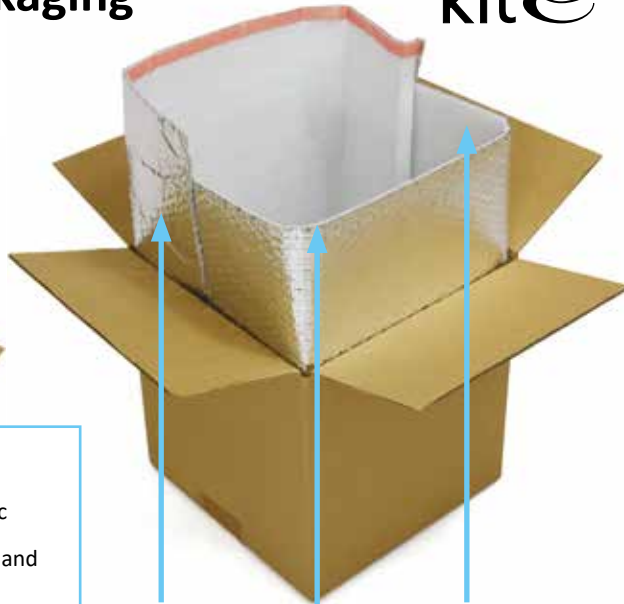
# Kite chilled packaging

New for 2019...



## Insulated box liners

- Keeps inside temperature below 8°C
- Flexible, water resistant, leak-proof and light-weight
- Designed for fast and easy assembly
- Fold flat - reduced storage and waste



**Outer layer**  
Metallised polyester

**Inner layer**  
HDPE foam

**Middle layer**  
Bubble wrap



## Temperature controlled pouches

- Provides short term thermal protection
- Liquid proof, flexible and puncture resistant
- Lightweight making it ideal for transportation
- Common within the food & drink industry and pharmaceuticals

## Thermal pallet covers

- Maintain temp during carriage and storage
- Water resistant, puncture resistant, lightweight and leak-proof
- Extremely flexible therefore making it easy to store and use
- Velcro application making it easy to use



kite

## Enviro-friendly insulated boxes

- 100% kerbside recyclable starch and paper
- Maintains product temperature for at least 36 hours under 8°C
- Popular in the food & drink and pharmaceutical industries
- Outperforms polystyrene alternatives in 36-hour test

Eco-friendly  
&  
100%  
recyclable

## Outer layer

100% recyclable kraft paper

## Inner layer

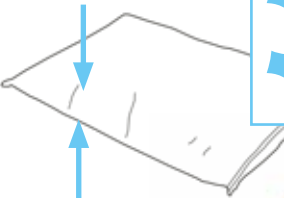
100% recyclable starch based loose fill



## Gel packs

Simply freeze

**Gel material**  
Water based polymer gel



**Outer layer**  
White LDPE mix-seal

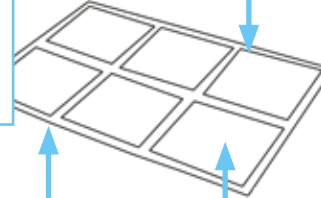
## Ice packs

- Keep products at an ideal temperature during transit
- Manufactured to the standards of the food industry
- Commonly used for food, fish and pharmaceuticals
- Optimum operating temperature -20°C up to -30°C

## Absorbent ice sheets

Submerge in water and then freeze

**Top layer**  
PET composite PE film



**Bottom material**  
Double layer of white non-woven

**Gel material**  
Super absorbent polymer

**After water is absorbed**  
Ready to use

**Before water is absorbed**  
Completely flat





## Your UK packaging partners

- 8 RDC's covering UK
- Bespoke solutions
- Packaging technologists
- Aerospace & defence division

### History and ethos

Kite was founded from scratch in 2001 with a unique vision - To be the premier packaging supplier in the UK with a philosophy of employee-ownership. At Kite we believe that "customer satisfaction matters so much more when you own the business".

### In-box team

Void fill/Dunnage is a complex area with pack velocity, cost, customer perception and the environment all critical factors. Our team can help and advise.

### Load retention team

The safe movement of palletised loads is business-critical and often expensive. This dedicated team of engineers can carry out scientific audits of shrink film usage and machines to ensure safety and minimise costs.

### Packaging regulations

Kite's compliance division (Kite Environmental Solutions) advises a huge range of member-customers helping them to understand, assess and comply with their obligations.

02476 420065

[kitepackaging.co.uk](http://kitepackaging.co.uk)

*an employee-owned business*



ISO  
9001



BRC  
STORAGE &  
DISTRIBUTION



ISO  
14001

