



Excel Packaging & Insulation Co. Ltd

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Company Presentation 2025 (Film, TV & Theatre)

Contact us at: sales@excelpackaging.co.uk / mark@excelpackaging.co.uk or give us a call on 01923 770247

Our history / Introduction

- Excel has established its position as a major supplier to the film Industry, television and theatre companies, shop display, exhibition, themed event and other similar industries. With 30 years of experience in this field, we supply a wide range of products and materials to construction managers and buyers, sculptors, special effects departments, prop makers, model makers, scenic artists and designers.
- Excel is also a specialist manufacturer of custom-made protective foam packaging, thermally insulated containers, short-run corrugated cartons, and ply/batten wooden crates & non-standard size pallets.
- We are a leading converter of industrial and technical foams. Our manufacturing processes include hot-wire cutting, band-knifing, profiling, contouring, die-cutting, slitting, boring, CNC routing and knifing, heat-welding / gluing / laminating.
- We convert expanded polystyrene foam, extruded polystyrene foam, expanded polyethylene foam, flexible polyurethane/polyether foam, Plastazote® foam, and expanded polypropylene foam.
- We design & manufacture solutions for a wide range of different industries/market sectors, including scenic construction for film television & theatre as well as industrial and consumer products, presentation/point-of-sale, electronics, IT, medical/pharmaceutical & food (cold chain), construction & civil engineering, heating & ventilation.

Meet our team



Graham Woolley
Founder and Managing Director



Mimoun Elhoussaini
Operations Manager



Mark Slade
Business Development Manager



Peter Woolley
Sales / Production Co-ordinator



Jane Keough
Office Manager



Naveed Akhter
Design and CNC Supervisor



Alex Birdsall
Trainee Designer and CNC
Machine Operator



Krzysztof Krus
Factory Supervisor



Materials conversion

Polystyrene blocks and sheets

Expanded polyethylene foam

Plastazote® & Evazote® foam

Flexible and hard polyurethane (PU) foams

Soudafoam® gun foam and guns

Contact Adhesives & cleaners

Ply/Batten wooden crates

Corrugated cartons

Non-standard wooden pallets

Grafix PVC foam sheet (Foamex)

Nickel Chromium hot wire (for sculpting)

Speciality materials

✓ We are a UK Manufacturer



Theatre, Film & Display Packaging

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We can supply many commonly used products and materials and can also produce the finished article by employing manufacturing techniques ranging from hot-wire cutting and band knifing to routing and laminating.

Expanded polystyrene blocks & sheets

Hard-coats for polystyrene

Polystyrene Spheres

Soudafoam Gun Foam and H60 quick dry adhesive

Soudafoam Guns and gun cleaner

Large Polythene Scrap Bags

Grafix PVC foam sheets (Foamex)

Corrugated cartons



Expanded Polystyrene (EPS) blocks and sheets

Excel Code	Size (inches)	Size in cm	Description	Colour	Availability	Density (M3)
XL1-A	8' x 4' x 2'	244 x 122 x 61cm	SDFRA Fire retardant Polystyrene Blocks	White	Ex-stock	15Kg / M3
XL1-B	8' x 4' x 4'	244 x 122 x 122cm	SDFRA Fire retardant Polystyrene Blocks	White	Special purchase	15Kg / M3
XL1-C	16' x 4' x 2'	488 x 122 x 61cm	SDFRA Fire retardant Polystyrene Blocks	White	Special purchase	15Kg / M3
XL1-D	16' x 4' x 4'	488 x 122 x 122cm	SDFRA Fire retardant Polystyrene Blocks	White	Special purchase	15Kg / M3
XL2-A	8' x 4' x 2'	244 x 122 x 61cm	HDFRA Fire retardant Polystyrene Blocks	White	Ex-stock	18Kg / M3
XL2-B	8' x 4' x 4'	244 x 122 x 122cm	HDFRA Fire retardant Polystyrene Blocks	White	Special purchase	18Kg / M3
XL2-C	16' x 4' x 2'	488 x 122 x 61cm	HDFRA Fire retardant Polystyrene Blocks	White	Special purchase	18Kg / M3
XL2-D	16' x 4' x 4'	488 x 122 x 122cm	HDFRA Fire retardant Polystyrene Blocks	White	Special purchase	18Kg / M3
XL3-A	8' x 4' x 2'	244 x 122 x 61cm	EHDFRA Fire retardant Polystyrene Blocks	White	Ex-stock	21Kg / M3
XL3-B	8' x 4' x 4'	244 x 122 x 122cm	EHDFRA Fire retardant Polystyrene Blocks	White	Special purchase	21Kg / M3
XL3-C	16' x 4' x 2'	488 x 122 x 61cm	EHDFRA Fire retardant Polystyrene Blocks	White	Special purchase	21Kg / M3
XL4-A	8' x 4' x 2'	244 x 122 x 61cm	UHDFRA Fire retardant Polystyrene Blocks	White	Ex-stock	27Kg / M3
XL4-B	8' x 4' x 4'	244 x 122 x 122cm	UHDFRA Fire retardant Polystyrene Blocks	White	Special purchase	27Kg / M3
XL4-C	16' x 4' x 2'	488 x 122 x 61cm	UHDFRA Fire retardant Polystyrene Blocks	White	Special purchase	27Kg / M3
XL5-A	8' x 4' x 2'	244 x 122 x 61cm	SDFRA Fire retardant Polystyrene Blocks	Grey	Ex-stock	16Kg / M3
XL5-B	8' x 4' x 4'	244 x 122 x 122cm	SDFRA Fire retardant Polystyrene Blocks	Grey	Special purchase	16Kg / M3
XL5-C	16' x 4' x 2'	488 x 122 x 61cm	SDFRA Fire retardant Polystyrene Blocks	Grey	Special purchase	16Kg / M3

Theatre, Film & Display Packaging

Custom 2D and 3D Polystyrene Shapes

We can produce complex 2-D and 3-D shapes and profiles in expanded polystyrene and many other foam plastic materials for props, models and a variety of scenic display applications including corporate logos and lettering for exhibitions, shop displays and themed events.



Theatre, Film & Display Packaging

We have had the pleasure of supplying materials for an extensive and varied list of productions. Our involvement in these projects ranged from the supply of stock products and materials to the production of complex finished shapes and structures. Productions we have supplied materials for are listed below;

Thunderbirds

Harry Potter (various)

Charlie & the
Chocolate Factory

Wicked: For Good

The Mummy I & II

Corpse Bride

007 Die
Another Day

007 Casino Royal

Phantom of The Opera

The
DaVinci
Code

The Magic
Flute

Flyboys

Paddington 3

Shakespeare in
Love

Barbie

Jurassic
World Rebirth

Hogfather

The Magic
Faraway
Tree

Mission
Impossible 8

Star Wars
Andor

Sweeney
Todd

The magic
Faraway Tree

The
Intimidation
Game

The
Millenium
Dome

Saraha

Project Hail
Mary

Dinotopia

Jurassic
World
Rebirth

Red I & II

Morbius

Fast & Furious I,
II, III, IV, V etc

Mission
Impossible
(various)

The Nevers

Sandman 1 & 2

Aladdin

Lord of
the Rings

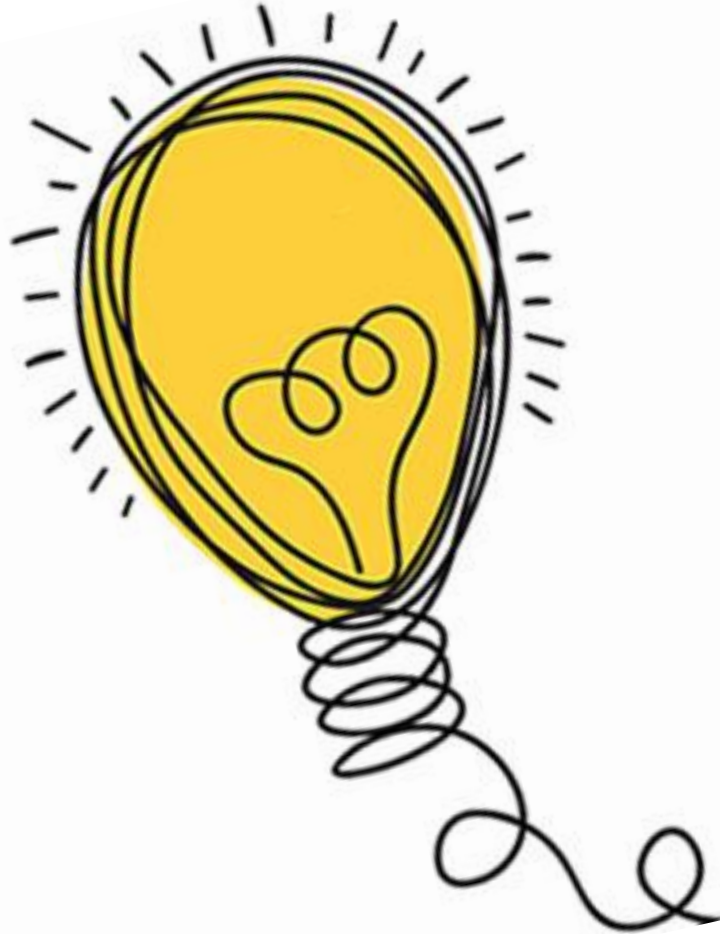
The Nutcracker and the Four Realms

Little
Mermaid

Deadpool

What other materials can Excel Packaging supply?

EXCEL



Plastazote® 'Permanent' Foam

Plastazote® foam is a closed cell cross-linked polyethylene foam (LDPE) available in a wide range of different colours and densities. Plastazote® foam has a depth and consistency of colour, which combined with exceptional chemical and water resistance, good UV stability, and high durability, makes it the material of choice for use in the film industry for protection, cushioning or set construction.

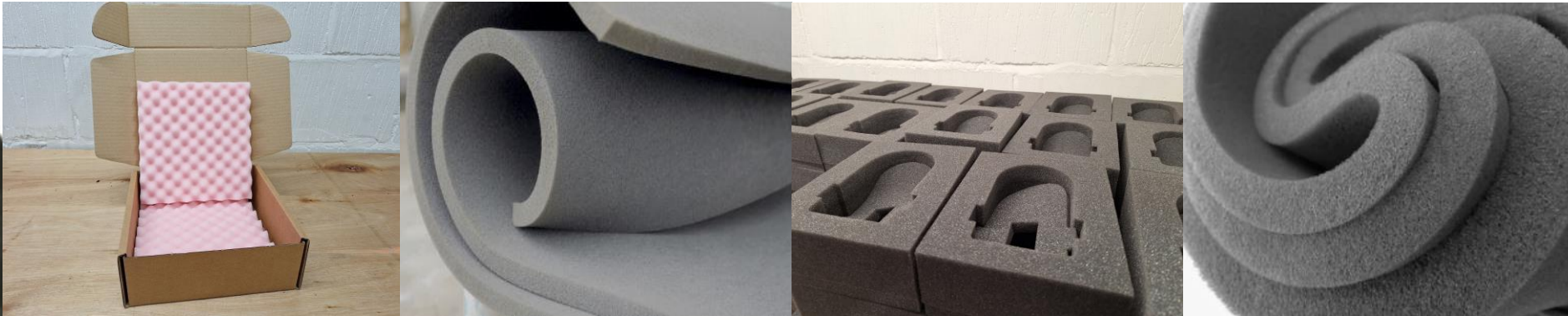


Processing Plastazote® Foam

Plastazote® foam can be supplied in standard sheets of 2000 x 1000 x 30mm or we can provide bespoke thicknesses by either band knifing or laminating the material to create your desired thickness.

Flexible Polyurethane / Polyether foams

Commonly referred to as 'Polyether' (PE) or 'soft polyurethane foam' (PU), this type of foam is an open-cell, flexible foam that boasts a seemingly endless range of applications. These foams are available in a range of different colours and densities (typically 12 – 30 kg/m³) and exhibit excellent compressibility. This flexibility enables the material to be compressed and deformed multiple times and then bounce back to its original shape/form. Anti-static and flame-retardant grades are also available, together with a 100% recycled material which is often referred to simply as 'reconstituted chip-foam'.



When it comes to cushioning fragile, high value items like glassware, crockery, electronic components, scientific instruments or medical equipment, custom-made protective packaging employing the use of flexible polyurethane foam, often achieves the best results.

Processing Polyurethane Foam

Our manufacturing capabilities include die-cutting and CNC knifing to shape polyurethane foam with precision. We can also laminate or glue it to other materials such as cardboard, Correx®, honeycomb board, and wood—providing flexible solutions tailored to your application.

Rigid Polyurethane (PU) Foams

Excel reference	Material colour	Product density	Maximum thickness
XLPU32	Beige	32 kg/m ³	750/800mm
XLPU48	Grey	48 kg/m ³	650mm
XLPU64	Dark Grey	64 kg/m ³	350mm
XLPU80	Grey	80 kg/m ³	325mm
XLPU96	Green	96 kg/m ³	300mm
XLTPU128	Beige/Yellow	128 kg/m ³	300mm
XLTPU160	Beige/Yellow	160 kg/m ³	300mm
XLTPU192	Beige/Yellow	192 kg/m ³	260mm
XLTPU256	Beige/Yellow	256 kg/m ³	220mm
XLTPU320	Beige/Yellow	320 kg/m ³	155mm



Excel Packaging Rigid Polyurethane (PU) Foams

We're pleased to announce the launch of our new range of XL Rigid Polyurethane (PU) Foams. Our PU foams are the ideal choice for custom fabrication and specialized applications. Backed by Excel's 30+ years of industry expertise, these foams are engineered for superior performance and consistent quality. With a standard sheet size of 2440 x 1220mm and a range of densities and thicknesses available, Excel Packaging's PU range delivers the reliability and versatility you can count on.

Grafix PVC foam sheets (Foamex)

Excel's Grafix PVC foam sheet is made with a fine cell structure, a smooth bright white surface and has been specifically developed for digital print applications. Sometimes called Foamex, Excel can now supply a variety of sizes to order and within 3-4 days depending on stock levels. It is ultra-smooth, has a bright white matt surface and is very flat and consistent making it perfect for high-quality signage, displays or scenery/set construction.

Standard sheet sizes can be supplied in thicknesses of 3, 5 & 10 mm in either matt **black or white**

Sheet sizes available:

- ✓ 2440 mm x 1220 mm
- ✓ 3050 mm x 1220 mm
- ✓ 3050 mm x 1560 mm
- ✓ 3050 mm x 2050 mm

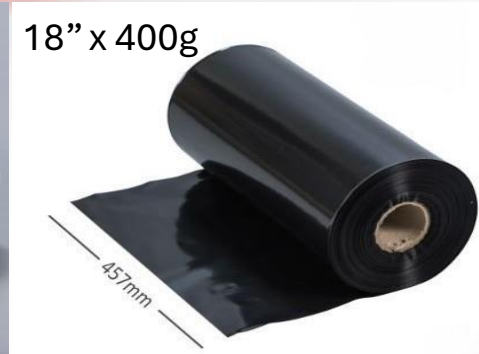
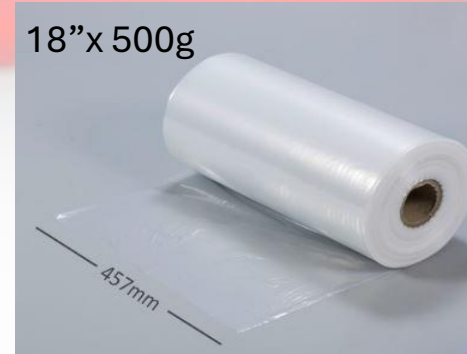


Lay flat Tubing on a roll

Our Polythene Lay-Flat tubing, is a versatile and transparent packaging material used for protecting, collating, and wrapping various objects. Made from high-quality polymers, this tubing offers several key properties:

- ✓ **Strength:** It is durable and able to withstand significant stress and pressure without breaking or tearing.
- ✓ **Lubricity:** The surface of the tubing is smooth, allowing objects to slide in and out easily.
- ✓ **Chemical Inertness:** The material is resistant to many chemicals, preventing reactions that could damage the contents or the tubing itself.
- ✓ **Biocompatibility:** It is safe for use with a wide range of biological materials, making it suitable for storage and packaging applications.

Rolls of 18”(457mm) in either green or brown are available on request!



Corrugated cartons from Excel Packaging

We have a range of sizes available from stock which can be supplied by the pallet or in multiple pallets loads. All our boxes are double walled and are made with 100% kerbside recyclable materials.

Sizes available:

Excel Cod	Size in mm	Size in inches	Description	Pallet Qt	Cost (each)	Cost (full pallet)
BOX208415/S	356x356x356	14x14x14	0201 Glued carton with Multi Scores	180	£0.85	£153.00
BOX208416/S	406x406x406	16x16x16	0201 Glued carton with Multi Scores	180	£1.06	£190.80
BOX211161/S	457x457x457	18x18x18	0201 Glued carton with Multi Scores	90	£1.33	£119.70
BOX200121/S	508x508x508	20x20x20	0201 Glued carton with Multi Scores	90	£1.66	£149.40
BOX200304/S	610x610x610	24x24x24	0201 Glued carton with Multi Scores	90	£2.21	£198.90

Carriage charges:

Delivery on volumes of 1 - 10 pallets is charged at £20 per pallet to all UK postcodes (except Channel Islands)
All deliveries over 10 pallets are made free of charge.

Ply/Batten Wooden Crates

Excel Packaging is a manufacturer of bespoke ply/batten wooden crates. Designed, manufactured and assembled in Rickmansworth, we offer bespoke 'made to measure' wooden crates and cases, which are produced quickly and to a very high standard. We can also incorporate additional components such as custom-made internal foam fittings, metal carry-handles, toggle latches, catch-bolts, hinges and edge & corner protectors. All of our finished products which incorporate softwood are clearly stencilled with our unique ISPM-15 identification mark (Registration No. FC0783) to ensure compliance with international standards and demonstrate their suitability for use worldwide.



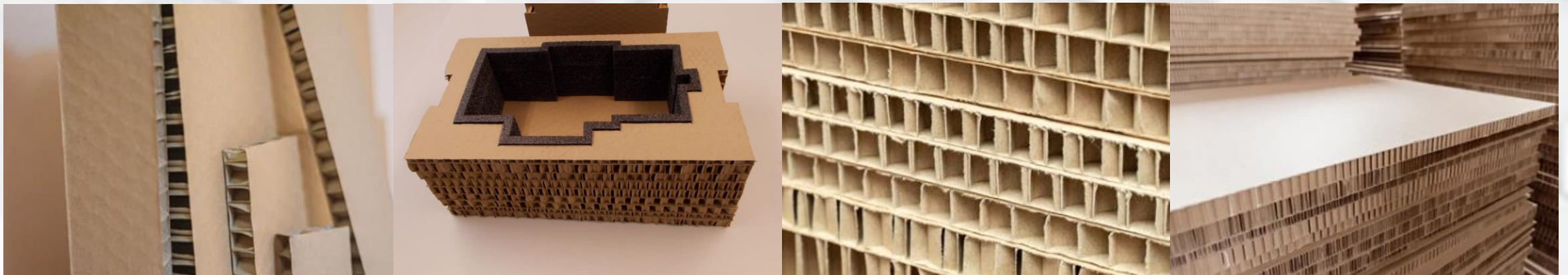
Excel is a member of the UK Wood Packaging Material Marking Programme and is approved by the Forestry Commission to provide ISPM-15 certified wood packaging which has been heat treated to 56°C for a minimum of 30 minutes (56/30) to kill any pests present in the wood.

EXCEL

Paper-honeycomb board

Paper honeycomb board is a light-weight material made from virgin or recycled (testliner) papers. The inner structure of paper honeycomb board gives it a very high compressive strength, which can exceed 70PSI. The material takes its name from the shape of its hexagonal inner core that resembles the honeycomb built by bees. It is 100% recyclable and available in a wide range of thicknesses and grades.

Our in-house design team provides environmentally sustainable, cost-effective protective packaging solutions, employing paper honeycomb material tailored to your specific needs. Typical designs include end-caps, trays & lids, layer pads, corner & edge protectors, carton/crate dividers & liners. The use of special design techniques, such as partial-depth cutting, enable the honeycomb board to be 'hinged' in order to create one-piece foldable fittings, optimizing material usage and reducing pack assembly times and storage space. Excel's manufacturing processes include die-cutting, CNC knifing, laminating, and gluing.



Corrugated Plastic (Correx)

Corrugated plastic or Corriboard – also known under the trade names of Biplax, Cartonplast, Polyflute, Coroplast, FlutePlast, IntePro, Proplex, Correx, Twinplast, Corriflute and Corflute, refers to a wide range of extruded twin-wall plastic-sheet products produced from high-impact polypropylene resin with a similar make-up to corrugated fiberboard.

Here at Excel Packaging, we can convert 'Corrugated plastic' into a variety of designs with processes that include; die-cutting, CNC knifing, laminating and gluing in order to create end-caps, trays & lids, layer pads, cartons and crate dividers, liners and other Fefco designs.

Materials available from stock include;

- ✓ Black 3mm x 550gsm Correx in sheet size: 2440 x 1220mm,
- ✓ White 3mm x 550gsm in a sheet size of 2440 x 1220mm.
- ✓ Light Blue 5mm x 1000gsm in a sheet size of 2440 x 1220mm.
- ✓ Other colours are available on request but are subject to a minimum order volume.

Bespoke Pallets & Tray/Cap and Sleeves

Standard wooden pallets and corrugated cardboard pallet boxes are manufactured to either UK (1200 x 1000mm) or Euro (1200 x 800mm) pallet sizes and usually in 2 different height variations. **But what if you require a non-standard size?**

Excel manufactures bespoke pallets to your exact specifications in volumes from '1' up to as many as you require. In addition, we can manufacture corrugated Tray/Cap & Sleeves attached to your pallet or these can be supplied separately in either 300KT/BC or heavy duty 530CA flute material grades.

We are proud to emphasize that all our timber is FSC certified by the Forestry Commission and stamped accordingly. This certification ensures that our timber comes from responsibly managed forests, reflecting our unwavering commitment to sustainability.





Design Innovation

Develop Products

