



# MUSHROOM PACKAGING





# **Finser** Packaging Packaging Solutions



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## The Guillin Group, a family business

**The fundamentals of the Group are quality, range and service. These are found in all our activities including; design, production, distribution and marketing.**



- A commitment to quality through the ISO and BRC certifications awarded to all the Group's companies.
- An integrated and homogeneous range of standard as well as bespoke products offering significant added value.
- An impeccable service and professionalism reflected by all the Group's employees.

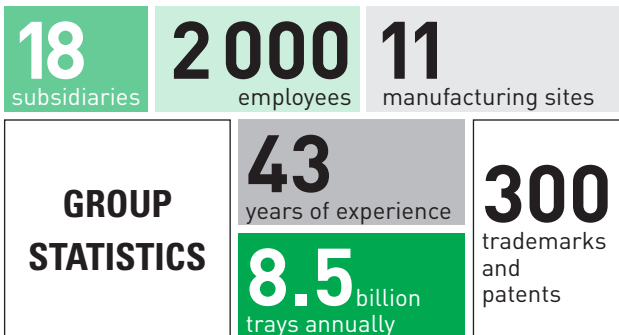


**ENTREPRENEURSHIP  
INNOVATION  
AMBITION  
ANTICIPATION**

# EUROPE'S LEADING RANGE OF FOOD PACKAGING SOLUTIONS



Thanks to its standard and made-to-measure products, a unique innovation strategy, cutting edge technology and the support of a dynamic and specialist commercial network, the Guillin Group's offer is designed to meet all the customers' requirements. In the catering, fruit and vegetable, food industry or materials sectors, the Group's performance is always at the top of the market.



**SINCE 1972 WHEN THE BUSINESS WAS CREATED BY FRANÇOIS GULLIN, THE GROUP HAS BUILT AN OUSTANDING REPUTATION FOR INNOVATION, ANTICIPATION AND AMBITION.**

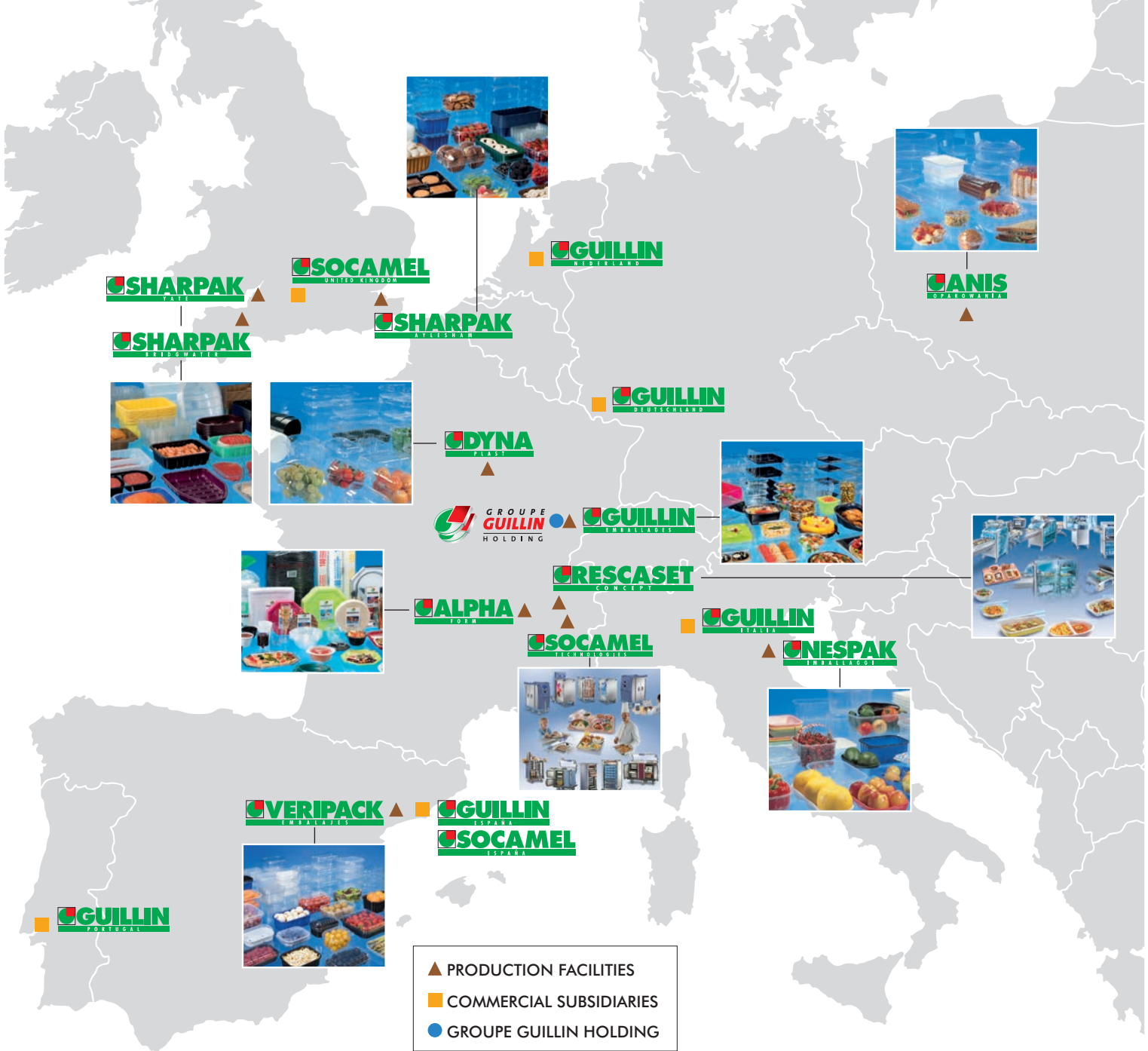
Today these core principles have transformed a local entrepreneurial vision into an ever-growing international success.

The Group's skills, honed by over 43 years of experience, and its growing expertise ensure the production of a unique, high-quality range of standard and bespoke food packaging productions which are recognised and respected all over Europe.

***The Group is committed to continuous improvement and world class excellence.***





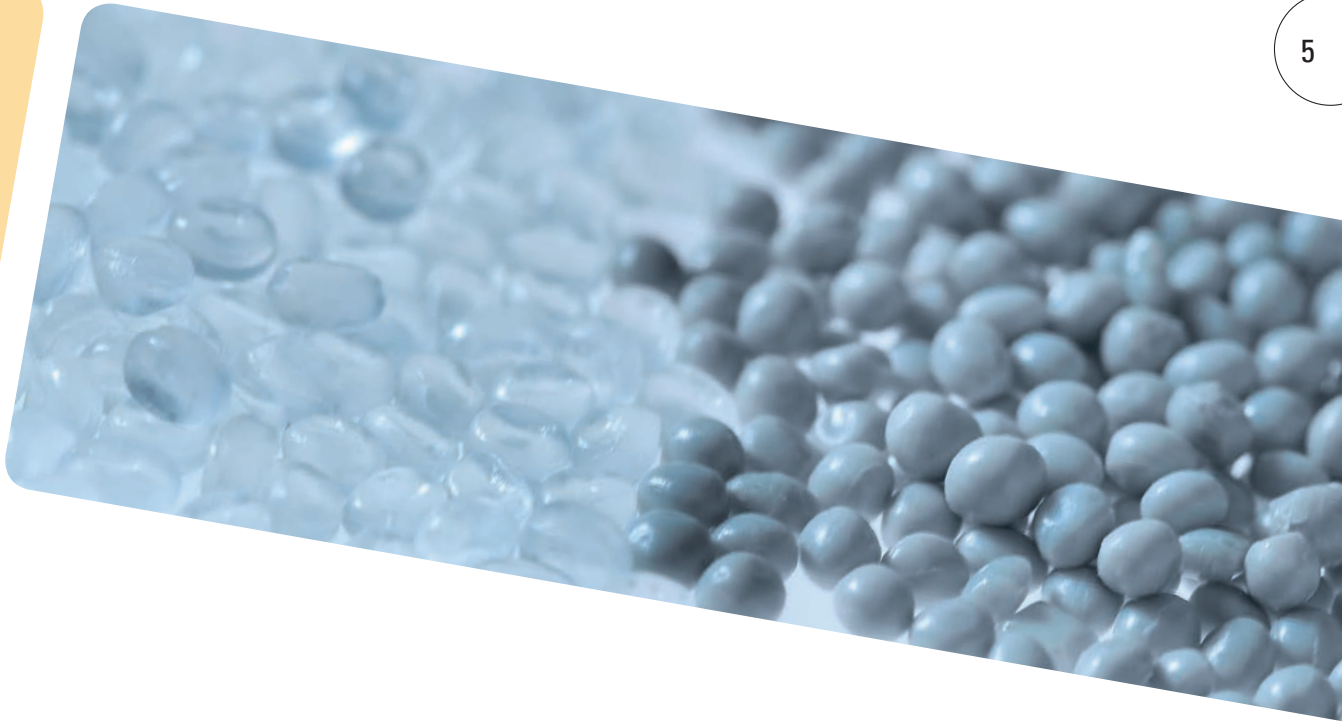


# GROUP STATISTICS

The Group's strengths and experience are beneficial to each of its 18 subsidiaries which include 11 manufacturing sites.

With over 43 years' experience, the Group knows how to make the most of manufacturing flexibility, enabling the highest response to all its markets across Europe.

Over 8.5 billion trays per year are produced thanks to a substantial industrial capacity. Moreover, its innovation policy has enabled the company to register 300 trademarks and patents.



# SHARPAK

## *MATERIALS*





# Materials

THE USE OF FOOD PACKAGING IS ESSENTIAL FOR OPTIMISING FOOD QUALITY AND PRESERVATION. PLASTIC FOOD PACKAGING EXTENDS THE SHELF-LIFE OF FOOD, REDUCES FOOD COLOUR CHANGE AND WASTAGE, PRESERVES THE FOOD'S NUTRIENT CONTENT AND PREVENTS HARMFUL FOOD BORNE ILLNESSES.

Plastic packaging is recognised as providing the best barrier within the food industry, in particular for use with modified atmosphere packaging.

Plastic is lightweight, low cost and incredibly adaptable to a variety of applications.

Metal uses large amounts of energy to extract, create and recycle, whereas wood and cardboard do not last as long and need to be replaced more frequently.

Plastic is recyclable, lasts longer, is lighter and more hygienic. Through technological advances and ingenious design, the average weight of plastic packaging has reduced by more than a quarter over the past decade.

**Sharpak manufactures PET and PP thermoformed trays in the UK**





# Polyethylene terephthalate (PET)

## PET IS THE MOST COMMON THERMOPLASTIC POLYMER RESIN OF THE POLYESTER FAMILY

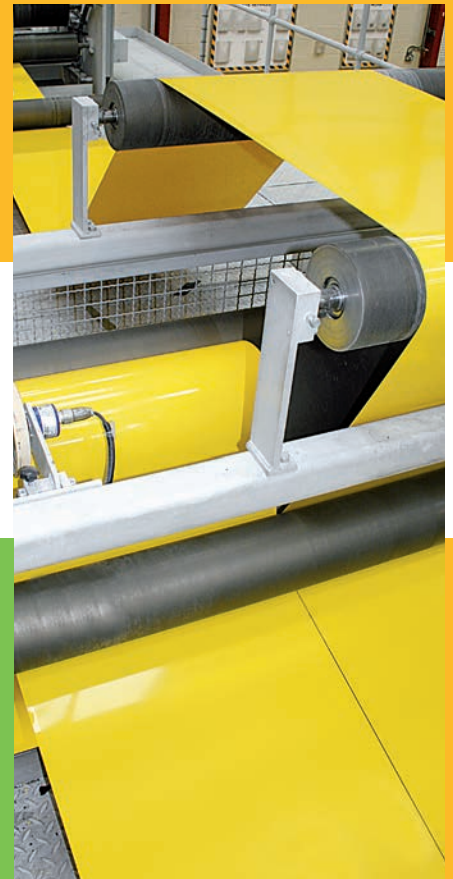
### FEATURES OF PET

- Outstanding clarity
- Strong yet lightweight
- PET in its natural state is colourless and based on how it is processed can be semi-rigid to rigid, and it is very lightweight. It makes a good gas and moisture barrier
- Excellent barrier properties especially for Modified Atmosphere Packaging
- Hygienic and safe for direct food contact
- Resistant to cracking
- Can be coloured or tinted
- Not temperature resistant as softens and deforms at 65-70°C, therefore PET cannot be used for cooking
- Can be difficult to seal against unless specialist sealing film and/or SharpSeal® is used



PET is considered to be the ecological choice as it is highly recyclable and carries the PET 1 symbol.

Depending upon the specific product Sharpak Bridgwater can use over 80% recycled PET.



# Polypropylene (PP)

## THE SECOND MOST COMMON PLASTIC MANUFACTURED (AFTER PE)

- Either Homo-polymer or Co-polymer with ethylene
- Blended polymers can be made to:
  - Be tough and flexible
  - Withstand low temperatures - freezer grades
  - Be clear or coloured
  - Contain special additives for other properties
- PP blends can be microwaved but not oven cooked
- Service temperature range of -40°C to +120°C



RECYCLABLE  
WHERE FACILITIES  
EXIST



There is a variety of plastics used in food packaging today and the Guillin Group provides a range of over 10,000 trays covering the majority of plastic types.



PET/PE material is internally recycled and reused.



# Recycled PET



1



2



3



4



5

1

PET bottles are collected and sorted as part of normal recycling

2

The bottles are washed, sorted and ground into flakes

3

Flakes are converted to high quality PET sheet

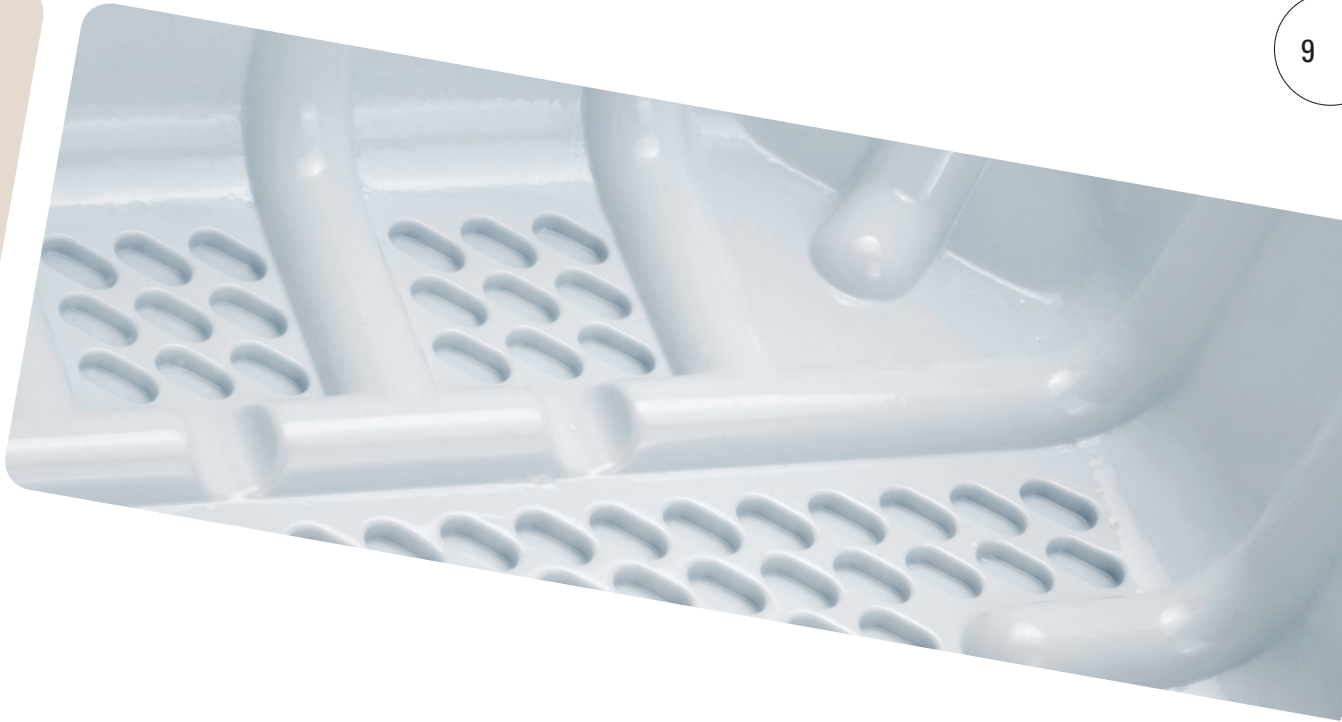
4

The PET sheet is thermoformed into food trays

5

The skeletal waste from thermoforming is re-used to make more PET sheet





# SHARPAK

## *PRODUCT STYLES AND ADDED VALUE*





# Classix®

FAMILIAR FEATURES OF THE BRITISH RETAIL LANDSCAPE FOR OVER A DECADE, THE **Classix®** TRAYS HAVE LED THE WAY IN POLYMER AND CARBON REDUCTION, INNOVATION AND EFFICIENCY.



Sharpak **Classix®** has helped change the face of the industry, providing excellent strength, durability and reliability.

We guarantee the consistent performance of our complete production through regular trials and tests.



The **Classix®** robust design enhances product presentation and ensures that the contents are well presented as well as protected throughout the supply chain.

The **Classix®** range is designed to be more robust than our lightweight versions, and thus reinforces mechanical resistance to deformation in both the packing machinery and the supply chain.





# Fortis®

THE AWARD WINNING **Fortis®** RANGE IS LEADING THE WAY, OFFERING IMPROVED AND UPDATED UNIQUE DESIGNS TO INCREASE THE STRENGTH AND INTEGRITY OF OUR PACKAGING.

SHARPAK HAS REDUCED THE WEIGHT OF ITS PRODUCTS BY 20% TO 30% COMPARED TO STANDARD TRAYS CURRENTLY ON THE SHELF - DECREASING THE ENVIRONMENTAL FOOTPRINT OF THE TRAYS.

The **Fortis®** range has been designed using Finite Element Analysis to optimise every aspect of the tray. In addition, extensive trials have been carried out in our customer's factories to ensure that we deliver on our promise.

The compound structure is more efficient than a standard design, using a combination of strength and flexibility to enhance their performance.

The trays are designed to work with highly automated packing lines, incorporating tested and proven de-nesting features – thus maintaining target productivity and reducing downtime.

Cutting edge de-nest features allow better pallet and vehicle utilisation.

This results in a higher storage capacity in the same space at our customers factories, thus optimising the supply chain and reducing line shortages.

The **Fortis®** range has been created together with our customers to work with the most modern high speed packing lines, guaranteeing high efficiency line speed.

## FEATURES OF Fortis®

- Contemporary styling
- Range identity
- Reduces carbon footprint
- Reduces landfill
- Reinforcing Sharpak's position at the forefront of environmental innovation





# SharpLok®

SharpLok® is designed to remove the need for a pad in the tray for moisture absorption. Thermoforming technology is used to create reservoirs which are specifically designed to retain excess moisture which can eliminate the need for an absorbent pad.



The moisture is held in the reservoir by surface tension, which prevents the moisture escaping.

New technology has allowed Sharpak to create the next generation of **SharpLok®**, doubling the reservoir capacity of the original **SharpLok®** design.

Continuing demands from the market to remove the absorption pad have driven the move to develop increased moisture retention in the existing **SharpLok®** design.





# Colours & customisations











## CLEAR - COLOUR - TINTS

Whether you require crystal clear clarity, deepest black, metallic finishes or just a hint of colour, Sharpak can produce either a standard off the shelf or more bespoke option to suit your product and your retailer's requirements.

We use Pantone technology to colour match your vision and convert it into a state of the art piece of packaging to show case your product.



### COLOURS

-  Natural
-  Moss Green
-  Oak Green
-  Dark Green
-  Dark Blue
-  Black
-  Dark Brown
-  Light Brown
-  Burnt Orange
-  Purple

## Customisations

Smooth walled, ribbed, de-nest, dividers, sauce pots and sauce holders can be incorporated within our tray designs to give you options for adding value to your product offer.

Retailers are always looking for a solution to the problem of products shifting within the tray. This is especially evident when trays are displayed shingled on the shelf, moved in transit or when shoppers have moved products.

Sharpak has a range of trays specifically designed to solve this problem, thus broadening consumer and retail appeal.

De-nest features are incorporated within the trays to facilitate the accurate use of autodenesting machines within automated filling lines. These can be either AB or ABCD.





# SharpLow®

REDUCING PLASTIC CONTENT, ONLY AVAILABLE WITH PP MATERIAL

## Rib design

The SharpLow® portfolio for fresh produce and meat products has been manufactured with a rib design which maximises tray strength so that the products are fully protected. The designs are created for the rigours of modern packing systems

## Materials technology

A natural mineral filler and UK post-stream consumer waste has been blended in the manufacture substantially reducing the petro-chemical content



## Instant shelf appeal

Textured finish giving a pleasing tactile feel. Non-plastic, matt appearance and soft to the touch — the optimal natural choice driving future purchase

## Flexible wrapping

SharpLow® has been designed for over-wrapping and heatsealing with a permanent or peelable film and for MAP where gas barrier performance is critical









SHARPAK PRODUCT SPECIFICATIONS



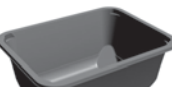


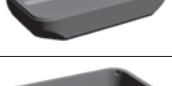
POLYPROPYLENE

	Tray	L	W	D	Weight (g)	Bag Qty	Pallet Qty	Smooth Wall	Top Sealable	SharpLok	SharpLow	Standard Colours
	125g	142	135	32	10	1008	20 160	✗	✗	✗	✓	
	150g	178	135	32	10	708	17 700	✗	✗	✗	✓	BLK, BLU, DKB, DKG
	180g	140	120	74	15	660	26 400	✗	✗	✗	✓	
	200g	178	135	42	11	690	17 250	✗	✗	✗	✓	BLK, DKB
	250g Elements	183	117	57	13	760	15 200	✗	✗	✗	✓	
	250g	178	135	57	12	720	18 000	✗	✗	✗	✓	BLK, DKB, DKG, ORG, PUR
	300g	178	135	68	15	720	18 000	✗	✗	✗	✓	BLK, DKB, DKG, MSG, OAK
	350g	178	135	74	14	720	18 000	✗	✗	✗	✗	BLK, DKB, DKG, MSG, OAK
	350g Euro	183	142	62	16	576	14 400	✗	✗	✗	✓	
	400g Square	180	172	57	20	424	12 720	✗	✗	✗	✓	DKB
	400g	181	143	78	19	540	10 800	✗	✗	✗	✓	DKB, NAT
	500g	180	172	85	25	448	13 440	✗	✗	✗	✗	DKB, NAT
	750g	270	172	75	31	300	6 000	✗	✗	✗	✓	DKB, MSG, RED
	4's Flat	184	176	78	29	400	10 000	✗	✗	✗	✓	DKB
	250g Deep Flat	265	119	65	20	450	9 000	✗	✗	✗	✓	BLK, DKB, DKG, OAK
	F3-38	220	130	38	18	420	16 800	✓	✓	✓	✓	BLK, DKB, DKG, ORG

- ✓ Available
- ✗ Not Available
- Optional

BLK	Black	DKG	Dark Green	OAK	Burnt Orange
BLU	Dark Blue	MSG	Moss Green	PUR	Purple
DKB	Dark Brown	NAT	Natural	RED	Red



Tray	L	W	D	Weight (g)	Bag Qty	Pallet Qty	Smooth Wall	Top Sealable	SharpLok	PET/PE	Standard Colours	
	4's Flat	184	184	60	24	500	12 500	✓	✓	✗	•	BLK
	Baby Button	138	138	28	14	600	12 240	✓	✓	✗	•	BLK
	350g Smooth Wall	135	135	75	21	576	11 520	✓	✓	✗	•	BLK
	250g Smooth Wall	135	135	55	15	425	11 520	✓	✓	✗	•	DKB
	200g	138	138	40	16	550	9 900	✓	✓	✗	•	BLK
	300g	138	138	65	19	612	11 520	✓	✓	✗	•	BLK





BRIDGWATER



YATE

Standard terms and conditions for the sale of goods

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