



HUHTAMAKI

TAKING PACKAGING FURTHER

Moulded Fibre Catalogue





Huhtamaki

the Egg Packaging House

Huhtamaki, a global consumer packaging company has strong and long experience in the food packaging business. Huhtamaki was established in 1920, but the very first moulded fibre packaging company, The Keyes Fibre Company was established already in 1903 in Maine, USA by, Martin L. Keyes. The company manufactured its first egg packaging in 1927. Since then the technology has evolved and today Huhtamaki has plants employing the company's own proprietary Leotech® moulded fibre technology in Europe, Americas, Oceania and Africa. In Europe, the egg packaging plants are located in the Czech Republic, France, The Netherlands, The United Kingdom and Russia.

Optimal packaging – maximal care

Eggs are fragile and require extra care throughout the supply chain. When eggs travel from farm to packer, from packer to wholesale and/or supermarket, and finally from supermarket to the consumer, the journey may sometimes be long but the eggs must still remain absolutely intact and fresh.

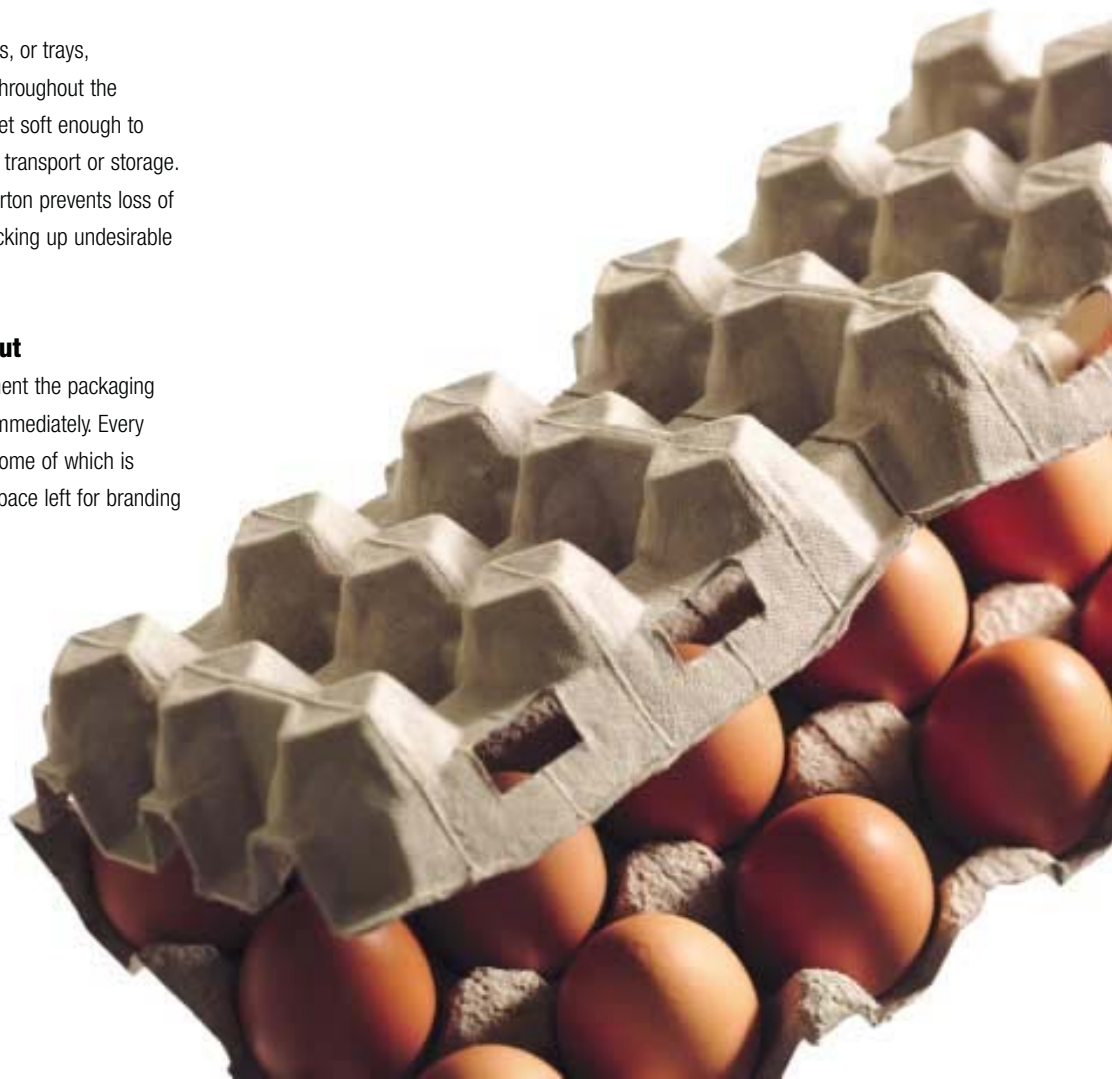
Moulded fibre packaging, be it cartons, or trays, provides optimal protection for eggs throughout the supply chain. The material is strong yet soft enough to protect eggs against breakage during transport or storage. The material is breathable and the carton prevents loss of moisture and keeps the eggs from picking up undesirable odours and flavours.

Egg packaging that stands out

In a busy supermarket shelf environment the packaging must grab the consumer's attention immediately. Every package is loaded with information, some of which is required by (the SA) legislation. The space left for branding

and promotion must be utilized wisely. Huhtamaki offers several different moulded fibre egg carton designs to enhance differentiation and market positioning.

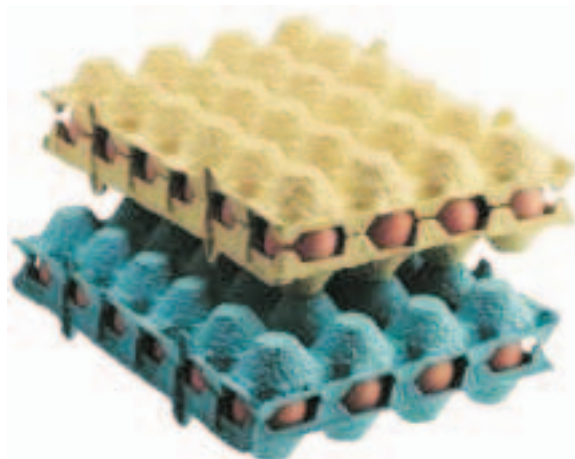
For printing and labelling Huhtamaki has several options available, such as 2 colour printing on the top, side and in-lid, as well as labelling. The manufacturing include rough-moulded fibre, after-pressed-moulded fibre and smooth-moulded fibre trays and cartons.





Most complete

Huhtamaki's range is the most comprehensive in the market place and consists of several models developed for the packing of 12, 18, 24 and 30 eggs of M, L, XL and J sizes.



Back to basics egg packaging

Influenced by growing environmental awareness and cost consciousness, the retail sector wants distinctive egg packaging, that emphasizes purity and functionality. The packs are environmentally sound avoiding excessive overpackaging and bringing cost savings for retail and egg packers, giving an optimal shelf display and the trays filled with eggs can easily and stably be stacked, or even nested on the shelf.





Egg cartons

Leo 226 (2 view top cartons of 6 eggs)



Features:

Printed in 2 colours on the sides and lid.
Can be split and sold as 6's.
Ideal for formal and wholesale markets.

Leo 226F (2 flat top labelled cartons of 6 eggs)



Features:

Flat labelled top. Printed in 2 colours
on the sides. Labelling enables 100%
scannability as well as allowing fantastic
branding at point of sale.

Leo 236 (2 flat top labelled cartons of 6 eggs)



Features:

This is a high pillar post premium carton.
Predominantly used for designer eggs ie.
organic or free-range. A wrap label can
be applied as well as printing on the
inside of the lid.

Egg Trays



Leo Top Decks (18, 24 & 30)



Features:

Top Decks are available and used to
cover the tray for extra protection.
This can either be shrink wrap or put
into a cardboard carry pack. Top Decks
have a flat centre ideal for labelling.

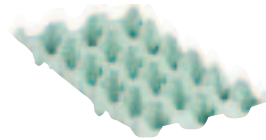
Leo 30 Egg Tray



Features:

30 Trays are marketed in various
combinations. Used in all markets.

Leo 18 Egg Tray



Features:

Combined with the 18 top deck and
branded with the insert or labelled
top deck.

Leo 24 Egg Tray



Features:

This is the econo tray and is used to
reduce the point of sale prices.
Used with 24 top deck,
labelled top deck or a branded insert.

Leo Export Tray



Features:

Eggtec tray and top used for export only,
this tray will give your eggs the ultimate
protection. Available in 30 egg tray only.

Leo 24 & 30 Jumbo Egg Trays



Features:

Leo 24 & 30 Jumbo Trays have deep
pockets and are ideal for protecting
your biggest eggs, ensuring that your
products get to the market
with no breakages.



Cup Carriers



2 Cup Carriers

Nominal Mass (G)	16
Count	360
Mass (KG)	5.76
Bundles/Layer	10
Layers/Pallet	5
Bundles/Pallet	50
Total Height	2.500
Total Mass (KG)	308



4 Cup Carriers

Nominal Mass (G)	30
Count	180
Mass (KG)	5.40
Bundles/Layer	10
Layers/Pallet	5
Bundles/Pallet	50
Total Height	2.350
Total Mass (KG)	290



2 Cup Tray

Nominal Mass (G)	33
Count	180
Mass (KG)	5.94
Bundles/Layer	4
Layers/Pallet	11
Bundles/Pallet	44
Total Height	2.515
Total Mass (KG)	281

The three products are designed to firmly hold all sizes of paper cups, filled, up to 600ml. The benefit to the outlet is their Customer convenience to carry multiple purchases easily and safely in a "take away" outlet or an entertainment location viz. cinema, sports venue etc.

Carrier Divider Tray



The Carrier Divider Tray is supplied as a 2x10 or 12 cell product with the benefit of being rigid enough to accept heavier containers. The advantage of using our Carrier Divider Trays is that they also serve as a spacer tray for wholesale distribution which makes it cost effective when packing in bulk and palletisation, therefore reducing storage costs, distribution costs and ultimately "protection of your finished product".

Features, Benefits & Advantages

- Tray is strong enough to be lifted when fully loaded with your product.
- Tray acts as a spacer between products.
- Minimises scuffing of products.
- Product can be stacked 5 high without damaging product.
- Product packed in the trays can be palletised hence higher storage density of product.



- Ensures accurate counts when packing.
- Prevents the product/Jars/bottles or tubs falling over in transit & handling, reducing spoilage.
- Prohibits pilferage.
- Reduce distribution costs.
- This product can be custom designed.

4 x Avo Tray



- Avocado trays used for retail, point of sale.
- Small econo pack x 4 avocados.
- Dual purpose is that this product can be used as a ripening tray, for convenience for consumers.
- Colours available on request.

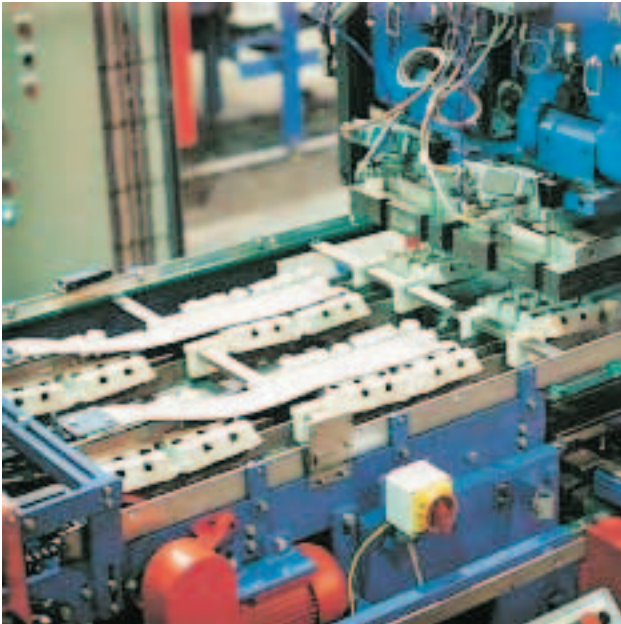
Helping our customers *sell more*



The role of packaging has become more and more important in the past years as the major part of the buying decisions at the supermarket are being made at the point of purchase. On top of that, the number of egg brands has grown and egg producers need to find new ways to differentiate.

Huhtamaki has long experience in consumer packaging in many fronts. Packaging has become the key element in the marketing mix and Huhtamaki is committed to develop egg packaging that offers the best possible platform for our customers to get their products delivered, promoted and sold. We can help to boost our customers' sales by developing packages that grab consumers' immediate attention and get the best positioning on the shop shelf. With high-quality printing and labelling, we can tailor each carton to deliver our customers key message and enhance branding.





Egg packaging machinery and process technology know-how in-house

Huhtamaki Moulded Fibre Technology supplies pulp moulding machinery and process technologies. Reliable and durable Leotech® machinery is in use in more than 38 countries worldwide. The machinery has been developed with the aim of keeping operating costs low, requiring less energy and labour.

Huhtamaki uses Leotech® equipment to produce packaging for eggs, fruits, vegetables and protective packaging for industrial products.

Environmental loop

Care for the environment plays a very important role in the Huhtamaki moulded fibre production process. All cupboard cuttings produced in our paperboard plants are being utilised, for instance for the manufacture of Ultra Top egg cartons. These recycled high-quality natural fibres add strength to the products and the smooth-moulded fibre technology guarantees a silky smooth finish.

The egg cartons and egg trays are made of 100% recycled fibres such as newspapers, magazines and cardboard. When rough moulded fibre is after-pressed the carton surface becomes smooth enabling high quality printing and excellent shape stability for easy processing on automatic packaging machines.

Moulded fibre is environmentally sound material that complies with all South African rules and regulations. All moulded fibre packaging can be reused as raw material in Leotech® machines and can be recycled, composted or incinerated.



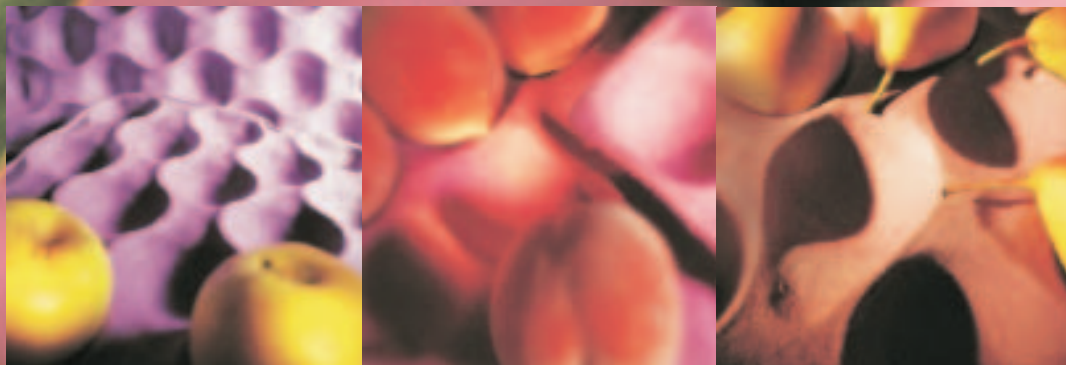
By using 100% recycled paper, such as newspapers, magazines and cardboard, one tree is spared with every 70 kg recycled paper used.



Moulded Fibre

To place your order contact our Toll Free numbers:
Atlantis 0800 229 393 Springs 0800 112 312

FRU-PAK[®]



The choice
is yours.

Moulded Fibre Packaging provides strength, durability and cushioning for fruit in transit.

It has the ability to absorb excess natural moisture which reduces the risk of mould rot and the spread of bacteria.

Moulded Fibre trays are economical; can be recycled and are fully biodegradable.

Moulded Fibre Packaging is the ideal choice for you the fruit farmer.



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Fruit Packs

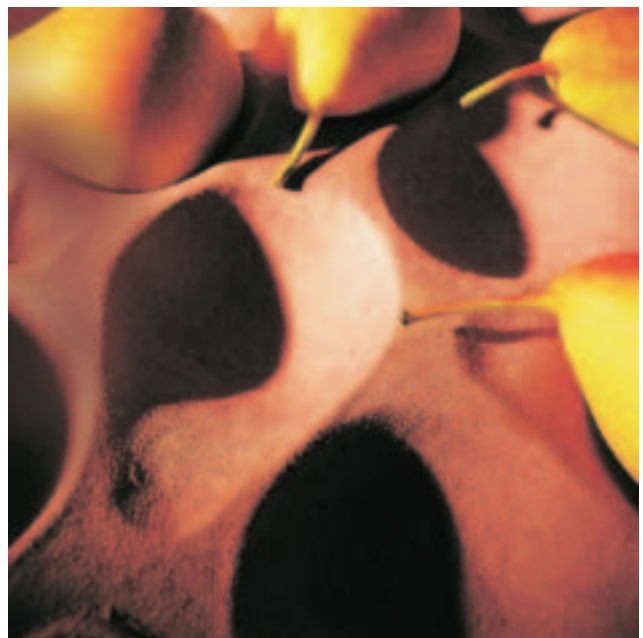


Huhtamaki South Africa supply a full range of moulded fibre apple, pear and stone fruit trays.

The trays are manufactured from recycled paper and comply with both local and international specifications. The factory in the Western Cape has the ISO 9001:2000 accreditation and is a world class manufacturing operation.

Moulded fibre fruit trays are fruit friendly, absorb excess moisture and handle well in and out of the cartons. After use the trays can be fed back into the normal waste stream for recycling or other approved methods of disposal. Internationally, moulded fibre trays are the preferred medium for the internal packaging of deciduous fruit.

In South Africa, Huhtamaki have a number of strategically and conveniently placed outlets in the main fruit growing areas, operated by their core distributors WPK and Boland Agri.





Fruit Packs

MARK 4 APPLE TRAYS 500mmx333mm

CARTON COUNT	TRAYS PER CARTON	CUPS PER TRAY	TRAY CONFIGURATION	APPROXIMATE DIAMETER MM
56	4	14	2X2X7	92
64A	2 of A	16	2X2X8	89
64B	2 of B	16	2X2X8	89
70A	2 of A	18	3x2x7	86
70B	2 of B	17	2x3x7	86
80	4	20	3x2x8	83
90A	2 of A	23	3x2x9	81
90B	2 of B	22	2x3x9	81
100	4	25	3x2x10	78
110A	2 of A	28	3x2x11	75
110B	2 of B	27	2x3x11	75
120	4	30	3x2x12	73
135	5	27	3x3x9	70
150A	3 of A	30	3x3x10	67
150B	3 of B	30	3x3x10	67
165/198	5	33	3x3x11	65
180/216	5	36	4x4x9	62
198/165	6	33	3x3x11	59
216/180	6	36	4x4x9	57



TRAY SPECIFICATION	MATERIAL	COLOUR	TRAY SIZE	MASS	THICKNESS
	Cellulose Fibre	VIOLET	480mmx313mm (+2mm-3mm)	81 grms +/- 5 gm.	1,5mm-2,5mm
BUNDLE SPECIFICATION		QUANTITY	BUNDLE SIZE	MASS	VOLUME
		50 TRAYS	480x313x200mm	Approx. 4,05 Kg.	0,03 Cu. M.
PALLET SPECIFICATION		QUANTITY	PALLET SIZE	MASS	VOLUME
		84 BUNDLES 4200 TRAYS	1,2x1,0x2,365 M.	Approx. 355 Kg.	2,838 Cu. M.

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MARK 6 APPLE TRAYS 400x300mm

CARTON COUNT	TRAYS PER CARTON	CUPS PER TRAY	TRAY CONFIGURATION	APPROXIMATE DIAMETER MM
48	2 of A 2 of B	12 12	2x2x6 2x2x6	86
56	4	14	2X2X7	83
64	2 of A 2 of B	16 16	2X2X8	80
70	2 of A 2 of B	18 17	3x2x7 2x3x7	77
80	2 of A 2 of B	20 20	2x2x10 2x2x10	74
84	4	21	4x3x6	72
88	3 of A 2 of B	18 17	3x2x7 2x3x7	69
100	5	20	Use mk.6 pear cnt 20	67
113	3 of A 2 of B	23 22	Use mk.6 pear count 23 Use mk.6 pear count 22	64
125	5	25	Use mk.6 pear count 25	61

Note: The same trays are used for counts 70 and 88.

TRAY SPECIFICATION	MATERIAL	COLOUR	TRAY SIZE	MASS	THICKNESS
	Cellulose Fibre	VIOLET	383mmx281mm (+2mm-3mm)	55 grms +/- 5 gm.	1,5mm-2,5mm
BUNDLE SPECIFICATION		QUANTITY	BUNDLE SIZE	MASS	VOLUME
		100 TRAYS	383x281x300mm	Approx. 5,5Kg.	0,033 Cu. M.
PALLET SPECIFICATION		QUANTITY	PALLET SIZE	MASS	VOLUME
		72 BUNDLES 7200 TRAYS	1,2x1,0x2,4 M.	Approx. 411 Kg.	2,88Cu. M.

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Fruit Packs

MARK 9 APPLE TRAYS 600mmx400mm

CARTON COUNT	TRAYS PER CARTON	CLIPS PER TRAY	TRAY CONFIGURATION	APPROXIMATE DIAMETER MM	
48	1 of A 1 of B	24 24	3x3x8 3x3x8	86mm	
56	2	28	4x3x8	83mm	
64	1 of A 1 of B	32 32	4x4x8 4x4x8	80mm	
70	2	35	3x2x14	77mm	
72	2	36	4x4x9	77mm	
78	2	39	3x3x13	75mm	
80A	1 of A	40	5x4x9		
80B	1 of B	40	4x5x9	74mm	
84A	1 of A	42	3x3x14		
84B	1 of B	42	3x3x14	72mm	
88	2	44	3x3x15	69mm	
94A	1 of A	47	3x3x16		
94B	1 of B	47	3x3x16	68mm	
96A	1 of A	48	3x3x16		
96B	1 of B	48	3x3x16	68mm	
100A	1 of A	50	5x5x10		
100B	1 of B	50	5x5x10	67mm	
TRAY SPECIFICATION	MATERIAL	COLOUR	TRAY SIZE	MASS	THICKNESS
	Cellulose Fibre	VIOLET	582mmx368mm (+2mm-3mm)	110 grms +/- 10 gm.	1,5mm-2,5mm
BUNDLE SPECIFICATION		QUANTITY	BUNDLE SIZE	MASS	VOLUME
		100 TRAYS	582x368x330mm	Approx. 11Kg.	0,07 Cu. M
PALLET SPECIFICATION		QUANTITY	PALLET SIZE	MASS	VOLUME
		30 BUNDLES 3000 TRAYS	1,2x1,0x2,346 M.	Approx. 345Kg.	2,82 Cu. M.



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MARK 6 PEAR TRAYS 400mmx300mm

CARTON COUNT	TRAYS PER CARTON	CLIPS PER TRAY	TRAY CONFIGURATION	APPROXIMATE DIAMETER MM	
38	1 2	12 13	2X3X5 3X2X5	80MM	
42	3	14	2X2X7	79MM	
45	3	15	3X2X6	78MM	
60	4	15		75MM	
48	2	16A 16B	2X2X8 2X2X8	77MM	
52	2	17	2X3X7	72MM	
70	1	18	3X2X7		
	2	17	2X3X7	70MM	
	2	18	3x2x7		
80	4	20	3X2X8	68MM	
84	4	21	3X3X7	67MM	
90	2	22	3X2X9	65MM	
	2	23			
96	2	24A 24B	3X3X8 3X3X8	63MM	
100	4	25	3X2X10	62MM	
112	4	28	4X3X7	59MM	
120	4	30	3X2X12	56MM	
Note: Counts of Mark 6 Pear trays are conventionally ordered by the number of cups in a tray.					
TRAY SPECIFICATION	MATERIAL	COLOUR	TRAY SIZE	MASS	THICKNESS
	Cellulose Fibre	VIOLET	383mmx281mm (+2mm-3mm)	55 grms +/- 5 gm.	1,5mm-2,5mm
BUNDLE SPECIFICATION		QUANTITY	BUNDLE SIZE	MASS	VOLUME
		100 TRAYS	383x281x300mm	Approx. 5,5Kg.	0,033 Cu. M
PALLET SPECIFICATION		QUANTITY	PALLET SIZE	MASS	VOLUME
		720 BUNDLES 7200 TRAYS	1,2x1,0x2,4 M.	Approx. 411 Kg.	3,88 Cu. M.



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Fruit Packs

MARK 9 PEAR TRAYS 600mmx400mm

CARTON COUNT	TRAYS PER CARTON	CUPS PER TRAY	TRAY CONFIGURATION	APPROXIMATE DIAMETER MM
38	1	38	3X2X15	73MM
42	1	42	3X3X14	71MM
48	1	48	3X3X16	66MM
53	1	53	4X3X15	63MM
60	1 of A 1 of B	30 30	3X3X10 3X3X10	77MM
35/70	2	35	3X2X14	75MM
80	2	40	3X2X16	72MM
45/90	2	45	3X3X15	68MM

TRAY SPECIFICATION	MATERIAL	COLOUR	TRAY SIZE	MASS	THICKNESS
	Cellulose Fibre	VIOLET	582mmx366mm (+2mm-3mm)	110 grms +/- 10 gm.	1,5mm-2,5mm
BUNDLE SPECIFICATION		QUANTITY	BUNDLE SIZE	MASS	VOLUME
		100 TRAYS	582x366x330mm	Approx. 11Kg.	0,07 Cu. M
PALLET SPECIFICATION		QUANTITY	PALLET SIZE	MASS	VOLUME
		30 BUNDLES 3000 TRAYS	1,2x1,0x2,346 M.	Approx.345Kg.	2,82 Cu. M.

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STONE FRUIT TRAYS 400MMX300MM

CARTON COUNT	TRAYS PER CARTON	CUPS PER TRAY	DIAMETER GROUP MM	CODES		
				APRICOTS	PEACH/NEC	PLUMS
13	1X13	13	80	--	AAA	--
15	1X15	15	75	--	AA	--
18	1X18	18	70	--	A	--
20	1X20	20	67	--	A	--
23	1X23	23	62	--	B	--
25	1X25	25	59	--	C	--
28	1X28	28	56	--	C	--
30	1X30: 2X15	30/15	52: 60-65	--	D	AAA
35	1X17&1X18	17/18	60-65	--	--	AAA
40	2 of 20	20		XXL	--	AA
45	1X22&1/23	22/23		XXL	--	AA
50	2X25	25	55-60	XXL	--	AA
56	2X28	28		XXL	--	AA
60	2X30	30		XL	--	A
66	2X33	33	50;55	XL	--	A
72	2X36	36		XL	--	A
77	1X38&1X39	38/39		L	--	B
84	2X42	42		L	--	B
90	2X45	45	45-50	L	--	B
98	2X49	49		L	--	B
108	3X36	36		M	--	C
112	2X56	56		M	--	C
115	2X38&1X39	38/39		M	--	C
116	2X39&1X38	38/39	40-45	M	--	C
126	3X42	42		M	--	C
135	3X45	45		M	--	C
147	3X49	49		M	--	C

TRAY SPECIFICATION	MATERIAL	COLOUR	TRAY SIZE	THICKNESS
	Cellulose Fibre	BURGUNDY	367mmx285mm (+2mm-3mm)	1,5mm-2,5mm
BUNDLE SPECIFICATION		QUANTITY	BUNDLE SIZE	VOLUME
		100 TRAYS	367x285x300mm	0,032 Cu. M
PALLET SPECIFICATION		QUANTITY	PALLET SIZE	VOLUME
		30 BUNDLES 8000 TRAYS	1,2x1,0x2,43 M.	2,92 Cu. M.

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