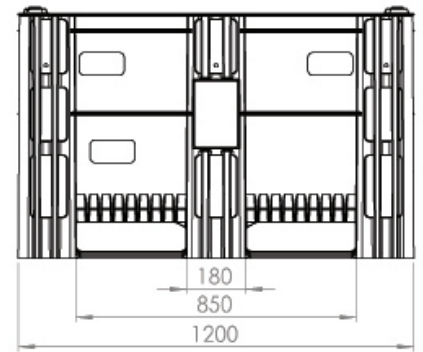
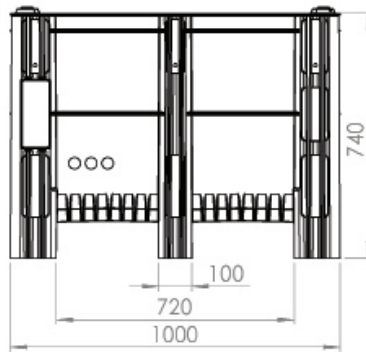
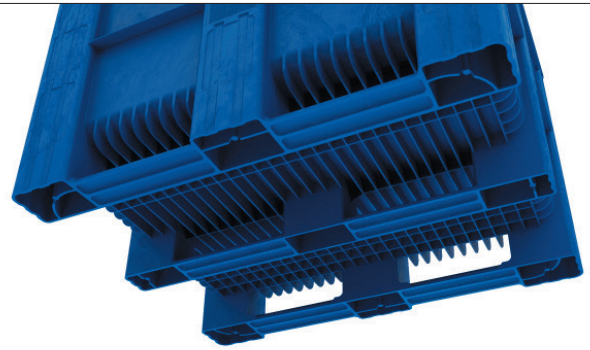


## Dolav Pallet Box | DPBOX\*



### Dolav Pallet Box

The Dolav Pallet Box is designed to address the problem of box fragments contaminating food products. This problem can occur whenever a food storage or handling box is subject to more wear and tear than usual and is at risk of breaking or chipping.

The one piece injection moulded Dolav Box is manufactured using food safe detectable HDPE. This plastic is designed entirely with food safety in mind, with a rounded internal radius they are easily cleaned.

As well as being highly detectable it is also strong, hardwearing, brightly coloured, chemical resistant, shatter resistant, FDA approved and EU compliant.

These highly customisable products have a range of accessories, including doors, lids, wheels, legs and drainage. They feature anti slip corners and a unique stacking system with inter-locking plugs allowing safe stacking of up to 5000 kg.

### Dolav Pallet Box Advantages

- ✓ Detectable by in-line metal detection systems
- ✓ Two bright colours available for easy visual identification
- ✓ Variety of accessories including wheels, lids, doors, drainage, and legs are available
- ✓ Feature three integral runners, anti slip corners, and inter-locking plugs allowing safe stacking
- ✓ Strong, durable, shatter resistant & chemically resistant material
- ✓ Compliant with EU & FDA food contact legislation
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination

## Product and Packaging Information

<b>Product Code</b>	DPBOX*	<b>Stacking Load</b>	5000 kg
<b>Pack Size</b>	1	<b>Stacking Height</b>	5 Units
<b>Pack Weight</b>	42kg	<b>Max Load (stand alone)</b>	1200kg
<b>Colour</b>	B,R	<b>Temperature Range</b>	-40°C - +60°C
<b>Capacity</b>	605 Litres	<b>Material</b>	HDPE
<b>Outside Dimensions</b>	1200 x 1000 x 740mm	<b>Detectability</b>	Metal Detectable
<b>Internal Dimensions</b>	1128 x 928 x 585mm	<b>Country Of Origin</b>	Israel
<b>Accessories</b>	Drainage, Wheels, Lids, Legs & Doors	<b>Commodity Code</b>	39231090

## Safety Certificates / Approvals

FDA Approved	EU Compliant	BRCGS Compliant	ISO 9001:2015
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## Food Contact Status (EU)

The mentioned product is formulated and manufactured to meet the relevant requirements listed below:

Regulation No (EU) 2020/1245 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with articles intended to come into contact with food and its amendment and/or correction 321/2011, 1282/2011, 1183/2012, 202/2014 2015/174, 2016/1416, 2017/752, 2018/79, 2018/831, 2019/37,

2019/1338 and 2020/1245 having regard to Commission Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 2002/72 as amended by commission directives 2004/1/EC, 2004/19/EC, 2005/79/EC, 2007/19/EC, 2008/39/EC and (EC) N° 975/2009. We add only substances which are listed in union list of authorized monomers, other starting substances, additives, and polymer production aids of Directive 10/2011/EC ANNEX I.

## Food Contact Status (FDA)

The mentioned product is formulated and manufactured to meet the relevant requirements listed below:

We are to confirm that all components of the mentioned products listed on the positive List of "Indirect" Additives Used in Food Contact Substances, based on Title 21 of the U.S. Code of Federal Regulations (21CFR) part(s).

## Migration Testing

The following overall migration results for the Dolav Pallet Boxes were obtained using The Standards Institute Of Isreal, with overall migration simulants and conditions as detailed in EU Regulation No 10/2011 as amended, on plastic materials and articles intended to come into contact with food.

Conclusion:

For compliance with EU Regulation 10/2011 as amended and Israel Standard 5113

1. Overall migration according to EU Regulation 10/2011 as amended EU 2018/831 - Comply
2. Specific migration of heavy metals according to Regulation (EU) 10/2011 - Comply
3. Specific migration of primary aromatic amines (PAA) according to Regulation (EU) 10/2011 - Comply

Sample: PE detectable material plates

Test conditions: Aqueous, acidic, oily and dry food products for hot fill conditions at a temperature between 70°C for 2 hours and 100°C for less than 15 min and also for prolonged storage at 40°C and below.

<b>1- Overall Migration Protocol - OM2 (Cell method)</b>				
Selection of test conditions as specified to Regulation 10/2011 Annex III, V; Selection of test method: EN 1186-1				
Tested sample	Food Simulants	Test conditions	Extractives, mg/sq. dm	Limit, mg/sq. dm
PE Pallet	A	10 days at 40oC	<1	10
PE Pallet	B	10 days at 40oC	<1	10
PE Pallet	D2 (Ethanol 95%)	10 days at 40oC	<1	10
PE Pallet	D2 (Isooctane)	10 days at 40oC	<1	10
The overall migration results obtained with stimulant A, B and D2 were found to be below the overall migration limits defined in Regulation 10/2011. The laminated PE was investigated for the overall migration into 95% ethanol and iso-octane according to the EN 1186-14.				

<b>2-Specific migration of metals according to Regulation (EU) 10/2011</b>			
Selection of test method: EN 13130-1 and sample preparation in 3 w/w % acetic acid at 40°C for 10 days Method: ICP-AES (inductively argon coupled plasma emission spectroscopy)			
Soluble metal	SML, mg/kg	MDL, mg/kg	Results, mg/kg
Barium	1	0.1	ND
Cobalt	0.05	0.05	ND
Copper	5	0.1	ND
Iron	48	1	ND
Lithium	0.6	0.1	ND
Manganese	0.6	0.1	ND
Zinc	5	0.5	ND
Aluminum	1	0.1	ND
Nickel	0.02	00.1	ND
Note: ppm=mg/kg (1,000 ppm=1,000 mg/kg=0.1%); SML = Specific Migration Limit; ND= Not Detected (<MDL); MDL=Method Detection Limit;			

## Migration Testing Cont.

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<b>3- Specific migration of Primary aromatic amines (PAA)- according to Regulation (EU) 10/2011</b> As specified in Regulation (EU) No. 10/2011 ANNEX III and V. Method: In-house				
Tested sample	Food Simulants	Test conditions	Extractives, mg/sq. dm	Limit, mg/sq. dm
PE Pallet	Acetic acid 3%	10 days at 40° C	ND	0.01

## Metal Detectability

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The Dolav Pallet Box is made using food safe HDPE, an electromagnetically detectable plastic compound. The metal detectability of this product will vary based on, but not limited to:

- Calibration Levels
- Product Type (E.g. Wet, Dry, Frozen, Liquid)
- Aperture Dimensions
- Orientation

Orientation is a highly influential factor for the metal detectability of a contaminant that is non spherical, i.e. it will be easier to detect the contaminant when passing in one orientation compared to another - this is known as the orientation effect.

For this reason BST recommend that all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may be the case that your equipment needs to be re-calibrated in order to reliably detect this product. Such a professional should be available by contacting the manufacturer of your metal detection system.

The information provided in this product specification sheet is based on our experience and knowledge to date and we believe it to be true and reliable. This information is intended as a guide for your use of our products, the use of which is entirely at your own discretion and risk. We, BS Teasdale & Son Ltd, cannot guarantee favourable results and assume no liability in connection with the use of our products. © 2024 BS Teasdale & Son Ltd. All Content, Data & Images are owned by BS Teasdale & Son Ltd and are protected by international copyright law.

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BS Teasdale & Son Ltd. Unit 7, Delta Court, Sky Business Park, Doncaster, South Yorkshire, DN9 3GN

**Tel:** +44(0)1302 775208 **Email:** sales@bst-detectable.com **Web:** www.bst-detectable.com

Dolav Pallet Box | DPBOX\* | V 1.0 January 2024