



# The catalogue of plastic packaging

Large-size plastic containers

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet



2	About the company
4	Technologies
7	Additional options
8	Pooling
9	Recycling of plastic wastes
10	Large-size plastic containers
20	Waste containers
24	Plastic pallets
36	Plastic crates
52	Polymeric sheet

## About the company

World-class product quality and constant improvement of activity management methods allow us to implement ambitious long-term projects in cooperation with customers.

Since 2013 our production wins the annual regional competition «The Best Products of the Republic of Tatarstan». In 2015 iBox container had become the laureate of the Russian national competition «The best 100 products of Russia».

Drawing on the advanced technological achievements and using innovative technologies, our team develops and manufactures the unique types of plastic packaging, which enables clients to optimize their logistics processes by reducing storage and transportation costs, cargo and containers accounting.



The biggest IMM in Eastern Europe Engel 5500



The view of manufacturing workshop

**7**  
extrusion lines

**25**  
Injection Molding  
Machines

**38**  
cities  
dealership network  
in Russia, CIS states  
and former Soviet  
Republics

**700**  
people  
employees

**> 50 000**  
tons  
of processed raw  
material per year

**57 000**  
sq.m  
The total floor area  
of industrial premises

Производство полимерных контейнеров  
Large-size polymer containers

Производство мусорных контейнеров  
Waste containers

Производство паллет  
Plastic pallets

Производство тары  
Plastic crates

Производство полимерных листов  
Polymeric sheet

## About the company

---



Our quality management system meets the demands of ISO 9001:2015 international standard

### Our production sites are in

- 📍 Nizhnekamsk (The Republic of Tatarstan)
- 📍 Stavrovo (Vladimir region)
- 📍 Azov (Rostov region)

### The project of production site in progress is in

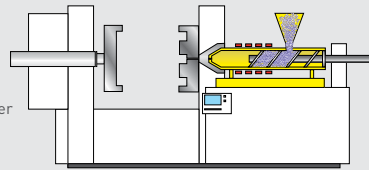
- 📍 Tobolsk (Tumen region)



Production sites map of I-Plast Ltd.

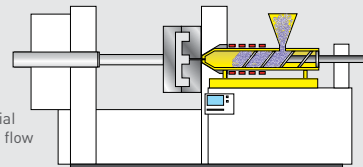
1

The capture of polymer pellets and pushing them inside the feed cylinder



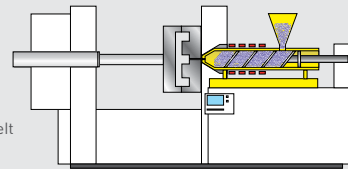
2

Heating of the material up to state of viscous flow



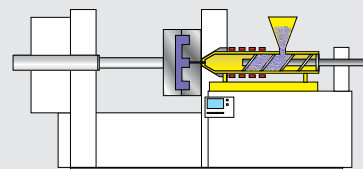
3

Injection of a certain amount of the hot melt into the mold cavity



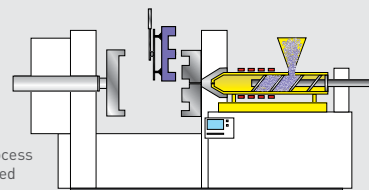
4

Aging of polymer in the mold and cooling until it becomes solid



5

Scheme of polymer injection molding process  
Demolding the finished product



Scheme of polymer injection molding process

## Injection molding

The advantages of the technology:

- ✗ cheap material
- ✗ low rate of power consumption for the molding process due to relatively low-temperature of processing
- ✗ short way from raw material to finished product (simple technological process that doesn't require reprocessing)

Injection molding renders the production of items weighing from several grams up to dozens of kilograms possible



The external view of the mold

## Low pressure molding with structural foaming

Low pressure molding with structural foaming differs from injection molding in the lack of hold pressure phase. Polymer shrinkage is compensated with compressed nitrogen injection into melted material. The gas coming into the mold cavity expands making the texture of the product porous and pressing the material in mold.



## Extrusion

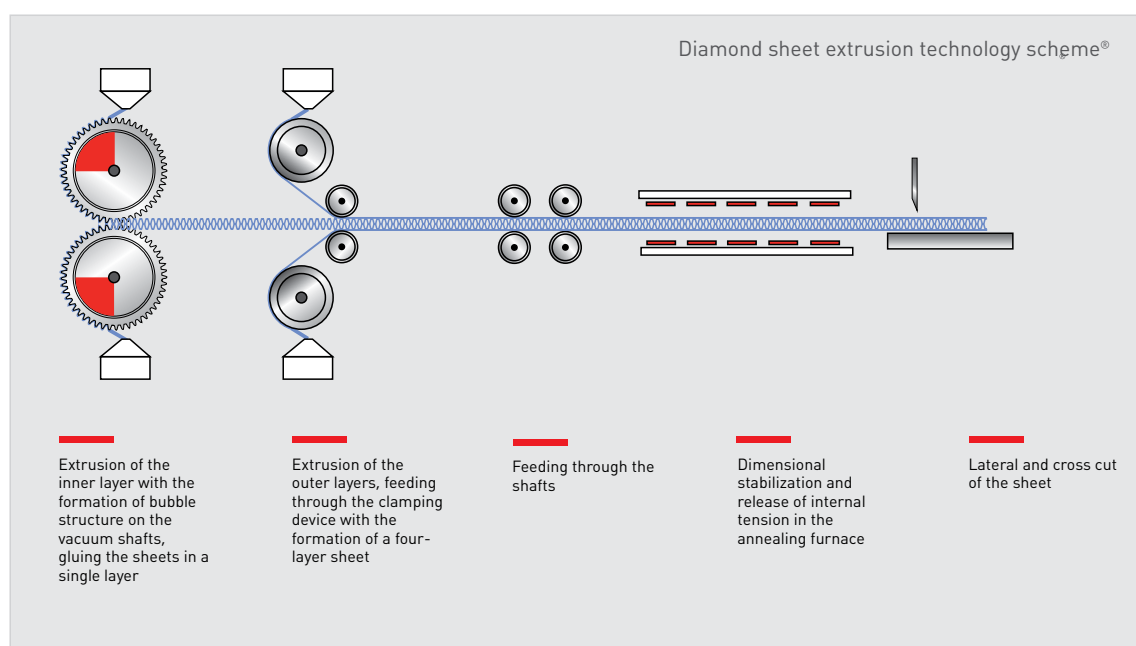
Extrusion is a process of continuous pressing of the polymer hot melt through a molding tool for producing infinitely long sheet.

Cast and profile extrusion renders producing polymeric sheets from 2 - 2.5 to 12 mm thick and 2000 mm wide possible.

Flat sheets are produced by feeding of hot melt through a flat die onto the cooling calender surface.

Honeycomb polymeric sheet is produced at extrusion lines equipped with a shaped die.

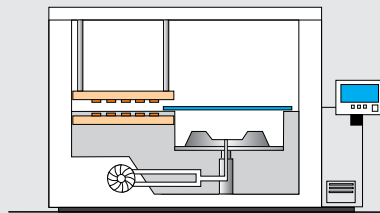
Working on BubbleGuard® and Diamond® technologies the extrusion lines are equipped with additional vacuum forming shafts. They form a middle profile layer which is welded to the outer layers.



# Technologies

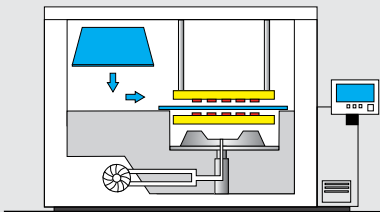
1

The fixation of a half-finished thermoplastic product along the outline in the clamping device



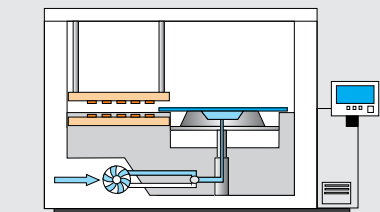
2

Heating the half-finished product to the melting temperature



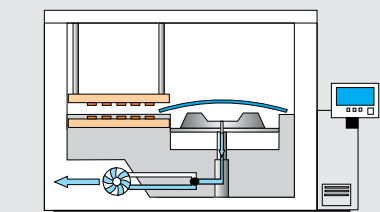
3

The installation of the half-finished product above the mold



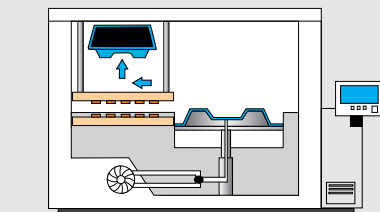
4

Forming the half-finished product into a finished one under pressure difference above and under the item



5

Cooling of the finished product after half-finished product takes the shape of the finished one. Demolding the product



Vacuum forming process scheme

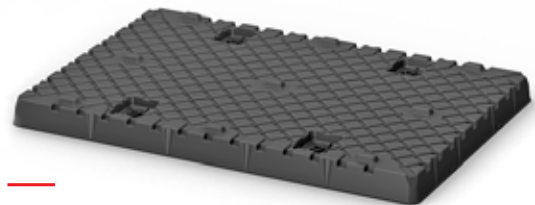
## Vacuum forming

Comparing with other technologies vacuum forming allows producing small and medium series of new products using relatively inexpensive equipment and tooling.

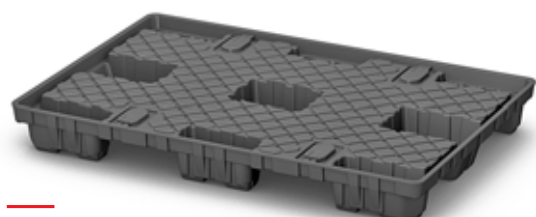
Another advantage of the method is automatization of the line that leads to increased productivity.



The external view of TweenSheet vacuum forming machine



The container lid produced using the TweenSheet technology



The pallet produced using the TweenSheet technology



## Options



Products in customized colour



Making valves in the container walls



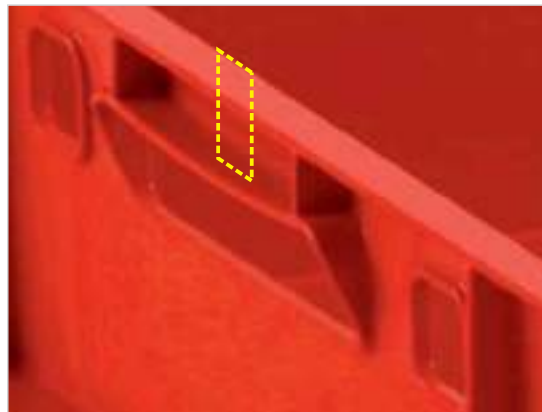
Additional elements at customers' request



Inward dividers at customers' request



Logo application by thermographic transfer method



RFID tag installability

Large-size polymer containers

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet

# Pooling

**Pooling** is a service of providing with the reusable packaging for the certain period of time

## Advantages of plastic packaging pooling

- Saving in purchase and handling costs
- The increased level of goods safety on delivery to the consumer
- Absence of ecological dues for the packaging recycling



## Plastic packaging pooling scheme



## Pooling is already used by



The transportation of rubber to the tire industry plants



The transportation of rubber to the tire industry plants



The transportation of automotive components from the suppliers

The packaging available for pooling is marked with the symbol



You can use this product for pooling

# The recycling of polymer wastes



Recycled  
materials  
of high quality



We recycle, purchase and sell the following types of recycled polymers:

- x Polypropylene
- x Polyethylene (HDPE, LDPE)
- x Polystyrene resin



Raw material washing and crushing line



Recycled raw material pelletizing line

We practice the constant incoming quality control of polymer wastes and the incoming quality control of recycled pellets according to the variety of technological specifications

The equipment  
for viscosity determination  
of material at low temperature



Please contact our managers for detailed information

Call us **8 800 505 99 74** (toll free)

Large-size polymer containers

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet

# Large-size plastic containers



# PolyBox

Large-size plastic containers

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet

## Product application



Food  
industry



Fruits and  
vegetables  
processing



Warehouse  
logistics



Petrochemical  
industry



Automotive  
industry



# Solid-cast iBox Container 1200x800










The Container is designed for packaging and effective transportation of any goods, parts and components, food ingredients, fruits, vegetables, semi-finished products, as well as for usage in automated storage and retrieval systems

## Perforated iBox Container 1200x800

11.602









	Volume <b>515 L</b>		Dimensions (LxWxH), mm <b>1200x800x800</b>
	Maximum capacity <b>450 kg</b>		Weight <b>27,0 kg</b>
	Package quantity, pcs. <b>3</b>		Quantity in Euro truck, pcs. <b>99</b>


- **Static load in stack:** 3000 kg
- **Models:** with runners, legs or wheels
- **Options:** logo application, customized colour, UV-protection, frost-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colour:** 

## Solid iBox Container 1200x800

11.602F



	Volume <b>515 L</b>		Dimensions (LxWxH), mm <b>1200x800x800</b>
	Maximum capacity <b>450 kg</b>		Weight <b>31,2 kg</b>
	Package quantity, pcs. <b>3</b>		Quantity in Euro truck, pcs. <b>99</b>

- **Static load in stack:** 3000 kg
- **Models:** with runners, legs or wheels
- **Options:** logo application, customized colour, UV-protection, frost-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colour:** 

## Accessories



Drain tap



Model with wheels

One and two inch  
drain plugs

Lid supply



# Solid-cast iBox Container 1200x1000







The Container is designed for effective transportation of fruits, vegetables and semi-finished products. It reduces damage and breakdown of the raw material. Stackable.



Large-size polymer containers

11.603 / 11.603E

## Perforated iBox Container 1200x1000

 Volume <b>660 L</b>	 Dimensions (LxWxH), mm <b>1200x1000x760</b>
 Maximum capacity <b>510 kg</b>	 Weight <b>32,3 / 32,4 kg</b>
 Package quantity, pcs. <b>4</b>	 Quantity in Euro truck, pcs. <b>104</b>



### Modifications

- 11.603E**  
solid bottom
- 11.603**  
perforated bottom

- **Static load in stack:** 4500 kg
- **Models:** with runners or legs
- **Options:** logo application, customized colour, UV-protection, frost-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours:**  

11.603F

## Solid iBox Container 1200x1000

 Volume <b>660 L</b>	 Dimensions (LxWxH), mm <b>1200x1000x760</b>
 Maximum capacity <b>510 kg</b>	 Weight <b>36,7 kg</b>
 Package quantity, pcs. <b>4</b>	 Quantity in Euro truck, pcs. <b>104</b>



- **Static load in stack:** 4500 kg
- **Models:** with runners or legs
- **Options:** logo application, customized colour, UV-protection, frost-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours:**  

## Accessories



Drawing pocket



Drain tap



Model with wheels



One and two inch  
drain plugs

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet

# Solid-cast iBox Container 1130x1130



The Container is designed for effective transportation of fruits, vegetables and semi-finished products. It reduces damage and breakdown of the raw material. It is perfect for collecting, storage and transportation of apples and potatoes.







## Perforated iBox Container 1130x1130



11.604B / 11.604BE



### Modifications

**11.604BE**  
solid bottom  
**11.604B**  
perforated bottom







 Volume <b>690L</b>	 Dimensions (LxWxH), mm <b>1130x1130x760</b>
 Maximum capacity <b>500 kg</b>	 Weight <b>32,9/33,4 kg</b>
 Package quantity, pcs. <b>3</b>	 Quantity in Euro truck, pcs. <b>72</b>



- **Static load in stack:** 4500 kg
- **Options:** logo application, customized colour, UV-protection, frost-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours:**  

## Solid iBox Container 1130x1130

11.604BF



 Volume <b>690L</b>	 Dimensions (LxWxH), mm <b>1130x1130x760</b>
 Maximum capacity <b>500 kg</b>	 Weight <b>33,8 kg</b>
 Package quantity, pcs. <b>3</b>	 Quantity in Euro truck, pcs. <b>72</b>

- **Static load in stack:** 4500 kg
- **Options:** logo application, customized colour, UV-protection, frost-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours:**  

## Accessories

## Details



Drain tap

One and two inch  
drain plugs

Drawing pocket area



Logo area

# Solid-cast iBox Container 1130x1130







The Container is designed for effective transportation of fruits, vegetables and semi-finished products. It reduces damage and breakdown of the raw material. Stackable. It is perfect for collecting, storage and transportation of apples and potatoes.



Large-size plastic containers

11.604S / 11.604SE



Perforated iBox Container 1130x1130

 Volume <b>500L</b>	 Dimensions (LxWxH), mm <b>1130x1130x580</b>
 Maximum capacity <b>400 kg</b>	 Weight <b>26,8/29,3 kg</b>
 Package quantity, pcs. <b>4</b>	 Quantity in Euro truck, pcs. <b>96</b>









## Modifications

**11.604SE**  
solid bottom  
**11.604S**  
perforated bottom



- **Static load in stack:** 4500 kg
- **Options:** logo application, customized colour, UV-protection, frost-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours:**  

11.604SF

Solid-cast iBox Container 1130x1130

 Volume <b>500L</b>	 Dimensions (LxWxH), mm <b>1130x1130x580</b>
 Maximum capacity <b>400 kg</b>	 Weight <b>27,8 kg</b>
 Package quantity, pcs. <b>4</b>	 Quantity in Euro truck, pcs. <b>96</b>



- **Static load in stack:** 4500 kg
- **Options:** logo application, customized colour, UV-protection, cold-resistance
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -30 to +40°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours:**  

Details Accessories



Drawing pocket area



Logo area



Drain tap



One and two inch drain plugs

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet

# PolyBox Foldable Container 900

The container is designed for the transportation of synthetic rubber. The modular construction saves space. It cuts down the expenses on back transportation.



You can use this product for pooling

Арт.: Polybox900







Large-size plastic containers

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet

	Volume <b>1300 L</b>		Dimensions (LxWxH), mm <b>1470x1140x1040</b>
	Maximum capacity <b>1200 kg</b>		Weight <b>51,0 kg</b>
	Package quantity, pcs. <b>3</b>		Quantity in Euro truck (loaded/unloaded), pcs. <b>36 / 135</b>



- **Static load in stack:** 2400 kg
- **Stacking when loaded:** 3 layers
- **Options:** informative adhesive label application, customized colour, UV-protection, frost-resistance
- **Material:** polypropylene
- **Operating temperature:** from -20 to +45°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours:** ☐

## Details



Stable stacking



Reinforced pallet as a container bottom

# Foldable PolyBox Container 745









You can use this product for pooling

Арт.: Polybox745

The container cuts down the expenses on back transportation. The modular construction saves space. Hard and strong walls provide safety of goods and content.



	Volume <b>515L</b>		Dimensions (LxWxH), mm <b>1200x800x900</b>
	Maximum capacity <b>500 kg</b>		Weight <b>29,0 kg</b>
	Package quantity, pcs. <b>3</b>		Quantity in Euro truck (loaded/unloaded), pcs. <b>96 / 280</b>

- **Static load in stack:** 1500 kg
- **Stacking when loaded:** 3 layers
- **Options:** informative adhesive label application, customized colour, UV-protection, frost-resistance
- **Material:** polypropylene
- **Operating temperature:** from -20 to +45°C
- **Washing (cleaning) temperature:** up to +90°C
- **Standard colours** 



The stack view of the containers with different height of walls



The view of the pallet with folded wall



The view of the folded container

## Details



Reinforced pallet bottom



Honeycomb structure of the container wall



Lid with mounting seats for stacking



Bundling strap grooves in the lid



# Foldable Octabin Container


**NEW**

 Storage and  
transportation  
of liquid goods

The container is perfect for storage of liquid and bulk goods. It saves space on storage and back transportation of unloaded containers. It is used in food industry for semi-finished products and ingredients transportation.

Apt.: Octabin


 Volume  
**1000 L**

 Dimensions (LxWxH), mm  
**1150x1150x1050**

 Maximum capacity  
**1000 kg**

 Weight  
**25,0 kg**

 Package quantity  
(loaded on a pallet), pcs.  
**2**

Lid weight - 5,8 kg  
 Bottom weight with drainage pipe  
 line hole - 5,3 kg  
 Bottom weight without drainage pipe  
 line hole - 5,8 kg  
 Wall weight - 13,2 kg

- **Static load in a stack:** 2000 kg
- **Stacking when loaded:** 2 layers
- **Details:** bundling strap grooves in the lid
- **Options:** D90 mm hole for the Smurfit Kappa bag drainage pipe line, customized colour, informative adhesive label application
- Lid and bottom material: polyethylene (HDPE )
- Wall material: polypropylene
- Operating temperature: from -20 to +45°C
- Washing (cleaning) temperature: up to +90°C
- Standard colours ☐

Application



Octabin Container application example


 Octabin Container on the  
plastic pallet









# Foldable TwinSheet Container

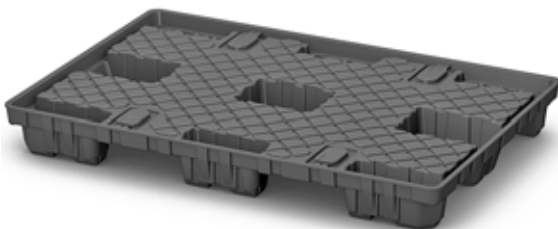
The container is good to use in automotive and components producing industries. It saves space on storage and back transportation of unloaded containers. It has different height and design of the walls to simplify the operations with weight.



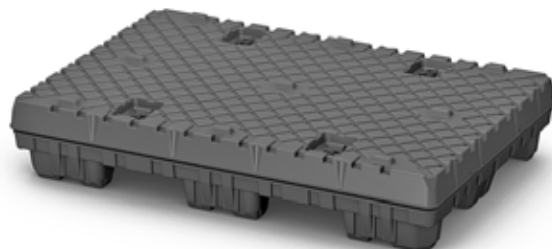
Art.: TwinSheet1208

 Volume <b>660L</b>	 Dimensions (LxWxH), mm <b>1220x820x950</b>
 Maximum capacity <b>500 kg</b>	 Weight <b>30,0 kg</b>
 Layers quantity, pcs. <b>2</b>	 Quantity in Euro truck, pcs. <b>500</b>

- **Static load in a stack:** 1000 kg
- **Options:** informative adhesive label application, customized colour, different height of the wall, valve in the container wall
- Lid and bottom material: polyethylene (HDPE )
- Wall material: polypropylene
- Operating temperature: from -20 to +45°C
- Washing (cleaning) temperature: up to +90°C
- Standard colours: ■ ■



The external view of the pallet



External view of the folded container

## Options of the container wall



Valve in the container wall for accessible load and unload



«M» folding fits the 1200x800 pallet dimensions

Large-size plastic containers

Waste containers

Plastic pallets

Plastic crates

Polymeric sheet

# Waste Containers





## Application



Community  
facilities










Cleaning  
service

## Waste Container 120 I

23.C29









 Volume	<b>120L</b>	 Dimensions (LxWxH), mm	<b>555x485x935</b>
 Maximum capacity	<b>48 kg</b>	 Weight	<b>9,5 kg</b>
 Package quantity, pcs.	<b>9</b>	 Quantity in Euro truck, pcs.	<b>864</b>


- **Options:** lid opening pedal, logo application, bag holder
- **Details:** reinforced bottom, removable lid, area for RFID tag
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -40 to +50°C
- **Cleaning (washing) temperature:** up to +90°C
- **Standard colours:** 

## Waste Container 240 I

24.C29









 Volume	<b>240L</b>	 Dimensions (LxWxH), mm	<b>582x721x1070</b>
 Maximum capacity	<b>96 kg</b>	 Weight	<b>14,1 kg</b>
 Package quantity, pcs.	<b>9</b>	 Quantity in Euro truck, pcs.	<b>594</b>


- **Options:** lid opening pedal, logo application, bag holder
- **Details:** reinforced bottom, lid removal, area for RFID tag
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -40 to +50°C
- **Cleaning (washing) temperature:** up to +90°C
- **Standard colours:** 

## Waste Container 360 I

20.806









 Volume	<b>360 л</b>	 Dimensions (LxWxH), mm	<b>849x597x1100</b>
 Maximum capacity	<b>160 кг</b>	 Weight	<b>16 kg</b>
 Package quantity, pcs.	<b>8</b>	 Quantity in Euro truck, pcs.	<b>480</b>


- **Options:** lid opening pedal, wheels radius 200 or 300 mm, logo application
- **Details:** reinforced bottom, removable lid, area for RFID tag
- **Material:** polyethylene (HDPE)
- **Operating temperature:** from -40 to +50°C
- **Cleaning (washing) temperature:** up to +90°C
- **Standard colours:** 

NEW

25.C19

## Waste Container 660 I







	Volume <b>660L</b>		Dimensions (LxWxH), mm <b>1370x780x1218</b>
	Maximum capacity <b>264 kg</b>		Weight <b>42,6 kg</b>
	Package quantity, pcs. <b>5</b>		Quantity in Euro truck, pcs. <b>150</b>


- **Options:** lid opening pedal, logo application, lid hatch
- **Details:** reinforced handles, bottom, area for a gripper and for RFID tag
- Material: polyethylene (HDPE)
- Operating temperature: from -40 to +50°C
- Cleaning (washing) temperature: up to +90°C
- Standard colours: 


 EN840

20.804

## Waste Container 770 I

	Volume <b>770L</b>		Dimensions (LxWxH), mm <b>1370x780x1300</b>
	Maximum capacity <b>310 kg</b>		Weight <b>45 kg</b>
	Package quantity, pcs. <b>5</b>		Quantity in Euro truck, pcs. <b>150</b>







- **Options:** lid opening pedal, logo application, lid hatch
- **Details:** reinforced handles, bottom, area for a gripper and for RFID tag
- Material: polyethylene (HDPE)
- Operating temperature: from -40 to +50°C
- Cleaning (washing) temperature: up to +90°C
- Standard colours: 




NEW

22.C19

## Waste Container 1100 I

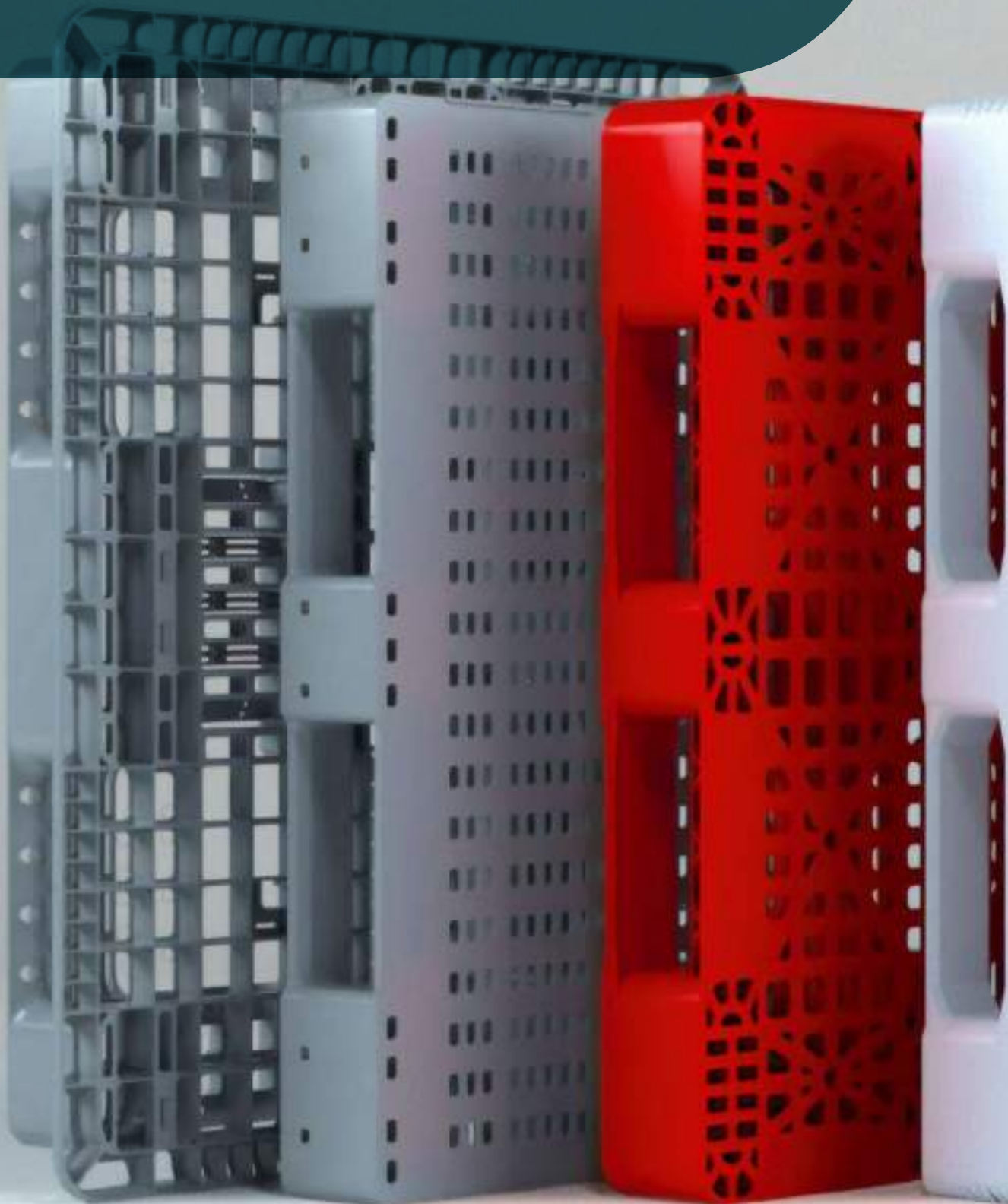
	Volume <b>1100L</b>		Dimensions (LxWxH), mm <b>1377x1077x1369</b>
	Maximum capacity <b>440 kg</b>		Weight <b>52,5 kg</b>
	Package quantity, pcs. <b>5</b>		Quantity in Euro truck, pcs. <b>110</b>

- **Options:** lid pedal, lid hatch, options for separate accumulation of waste, logo application
- **Details:** reinforced pivots, bottom and area for a gripper, solid handles, area for RFID tag
- Material: polyethylene (HDPE)
- Operating temperature: from -40 to +50°C
- Cleaning (washing) temperature: up to +90°C
- Standard colours: 

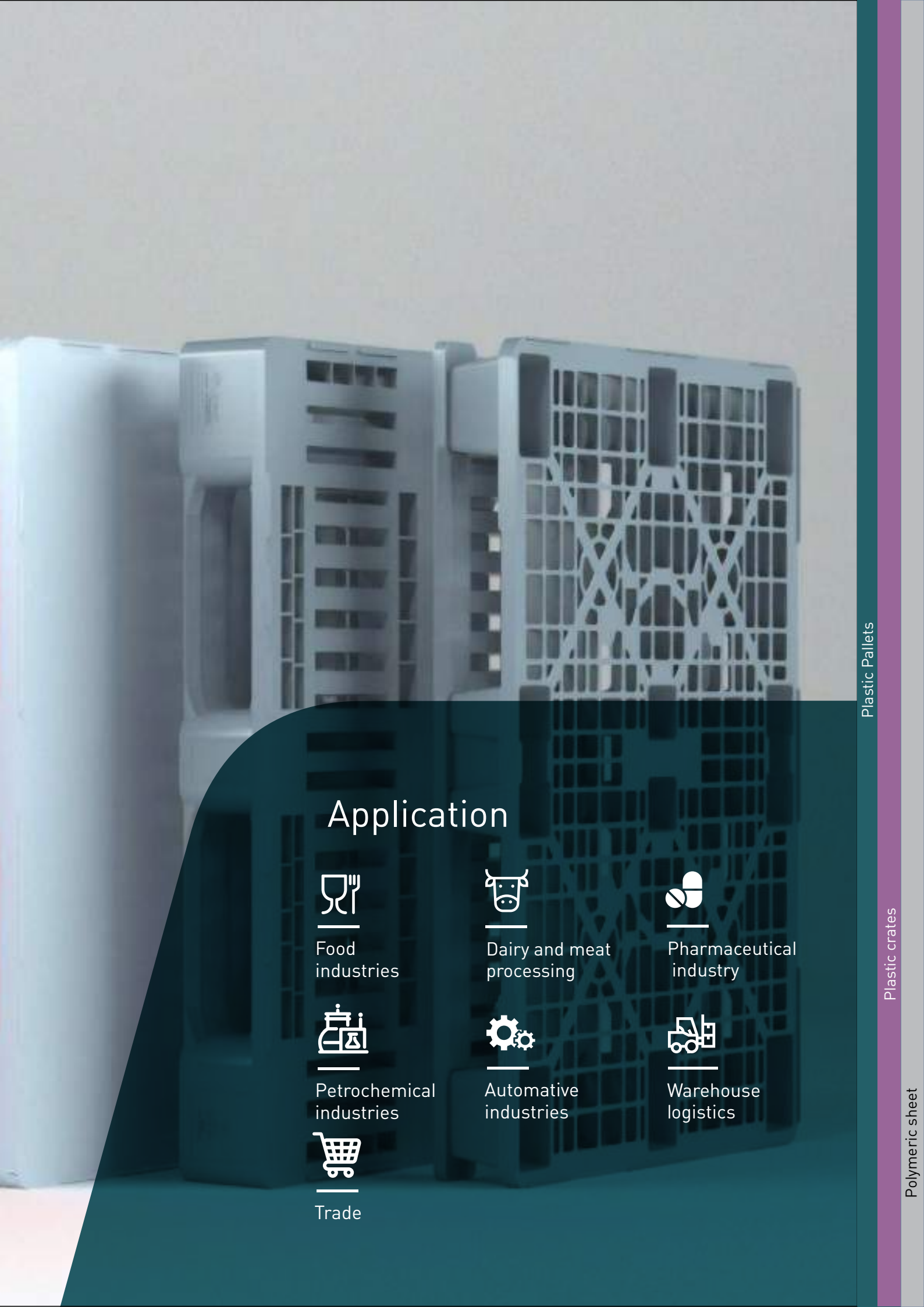

 EN840



# Plastic pallets







## Application



Food  
industries



Dairy and meat  
processing



Pharmaceutical  
industry



Petrochemical  
industries



Automotive  
industries



Warehouse  
logistics



Trade

## Light pallet 800x600x140

02.116



NEW



### Nestable perforated pallet with legs.

It is perfect for product presentation in display areas in retail. It effectively saves space for storage and back transportation.



Static load  
**700 kg**



Stacking load  
—



Dynamic load  
**500 kg**



Weight  
**2,8 kg**



Package quantity, pcs.  
**60**



Quantity in Euro truck, pcs.  
**3960**

- **Options:** logo application, customized colour
- Material: polypropylene (PP)
- Operating temperature: from -20 to +45 °C
- Washing temperature up to +90°C
- Standard colour

## Light pallet 1200x800x140

02.102



### Nestable perforated pallet with legs.

It is designed for transportation and storage of light goods. It effectively saves space for storage and back transportation.



Static load  
**800 kg**



Stacking load  
—



Dynamic load  
**600 kg**



Weight  
**5 kg**



Package quantity, pcs.  
**55**



Quantity in Euro truck, pcs.  
**1815**

- **Options:** logo application, customized colour
- Material: polypropylene (PP)
- Operating temperature: from -20 to +45 °C
- Washing temperature up to +90°C
- Standard colour:

## Light pallet 1200x800x150

02.102.C71



### Perforated pallet with 3 runners.

02.102 pallet model withstands the increased dynamic loads



Static load  
**1500 kg**



Stacking load  
—



Dynamic load  
**1200 kg**



Weight  
**6,7 kg**









Package quantity, pcs.  
**45**

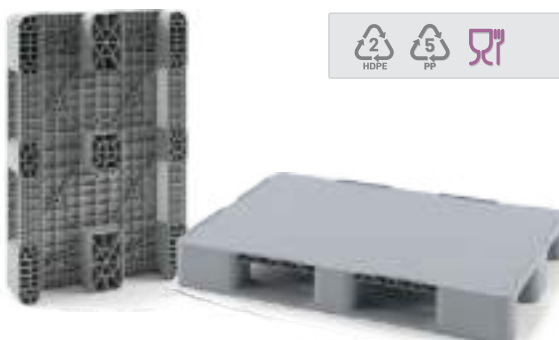



Quantity in Euro truck, pcs.  
**1485**

- **Options:** 22 runners, logo application, customized colour
- Material: polypropylene (PP)
- Operating temperature: from -20 to +45 °C
- Washing temperature up to +90°C
- Standard colour:

## Universal pallet 1200x800x150

 Static load <b>3000 kg</b>	 Stacking load <b>700 kg</b>
 Dynamic load <b>1000 kg</b>	 Weight <b>13,6 kg</b>
 Package quantity, pcs. <b>23</b>	 Quantity in Euro truck, pcs. <b>644</b>









- **Options:** logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: 

### Solid pallet with 2 runners.


It's a multi-purpose solution for transportation and goods storage. It is

perfect for food industry, pharmaceutical industry, retail, raw materials and components supply.

## Universal pallet 1200x800x150

 Static load <b>3000 kg</b>	 Stacking load <b>800 kg</b>
 Dynamic load <b>1100 kg</b>	 Weight <b>14,8 kg</b>
 Package quantity, pcs. <b>23</b>	 Quantity in Euro truck, pcs. <b>644</b>









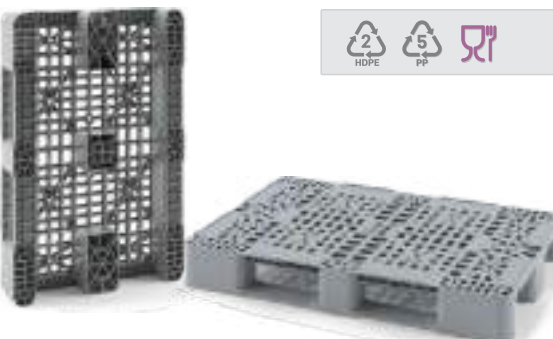
- **Options:** logo application, customized colour, antistatic additives
- Material: polypropylene (PP)/polyethylene (HDPE)
- Operating temperature for HDPE: -30 +40°C
- Operating temperature for PP: -20 +45°C
- Washing temperature: up to +90°C
- Standard colour: 


### Solid pallet with 3 runners.

It is a reinforced pallet model 02.105F with 3 runners, providing increased dynamic and stacking loads.

## Universal pallet 1200x800x150

 Static load <b>3000 kg</b>	 Stacking load <b>700 kg</b>
 Dynamic load <b>900 kg</b>	 Weight <b>12,9 kg</b>
 Package quantity, pcs. <b>23</b>	 Quantity in Euro truck, pcs. <b>644</b>



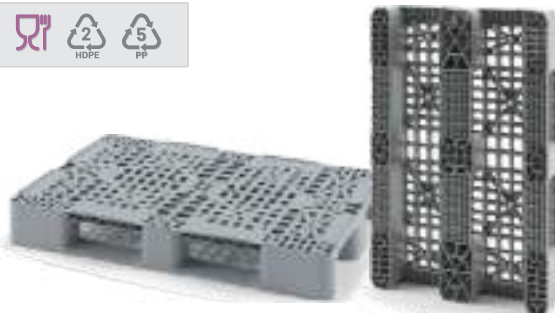
- **Options:** logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: -30 +40°C
- Operating temperature for PP: -20°C +45°C
- Washing temperature: up to +90°C
- Standard colour: 

### Perforated pallet with 2 runners.

It is a multi-purpose solution for transportation and goods storage. It is perfect for food industry, pharmaceutical industry, retail, raw materials and components supply.

## Universal pallet 1200x800x150

02.105.91.C3



### Perforated pallet with 3 runners.

It is a reinforced model of 02.105 pallet with 3 runners, providing increased dynamic and stacking loads.

Static load  
**3000 kg**

Stacking load  
**800 kg**

Dynamic load  
**1100 kg**

Weight  
**14,1 kg**

Package quantity, pcs.  
**23**

Quantity in Euro truck, pcs.  
**644**

- **Options:** logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: ☐

## Reinforced pallet 1200x800x160 (H1)

02.108.PE



### Perforated pallet with 3 runners.

It is effectively used in all sectors of food industry and logistics. It is perfect for meat production industry. It is adapted for work with automated systems. The lifetime is more than 10 years.

Static load  
**3000 kg**

Stacking load  
**750 kg**

Dynamic load  
**850 kg**

Weight  
**16,2 kg**

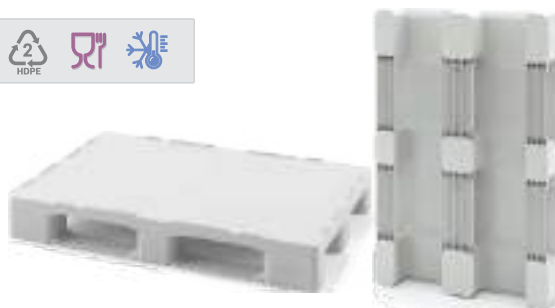
Package quantity, pcs.  
**21**

Quantity in Euro truck, pcs.  
**546**

- **Options:** customized colour, logo application, guiding sliders under E2 crates
- Material: polyethylene (HDPE)
- Operating temperature: from -40 to +70°C
- Washing temperature: up to +95°C
- Standard colour: ☐

## Hygienic Pallet 1200x800x150 (V1)

02.110F.PE



### Solid pallet with 3 runners.

It is designed especially for application in the areas with strict hygienic requirements such as pharmaceutical and food industries. It is effective in low temperatures, in refrigerators and freezers.

Static load  
**3000 kgr**

Stacking load  
**1200 kg**







Dynamic load  
**1200 kg**


Weight  
**17,4 kg**

Package quantity, pcs.  
**21**

Quantity in Euro truck, pcs.  
**546**

- **Options:** customized colour, logo application, with retaining edges/without retaining edges
- Material: polyethylene (HDPE)
- Operating temperature: from -40 to +70°C
- Washing temperature: up to +95°C
- Standard colour: ☐ ☐

 Static load <b>6000 kg</b>	 Stacking load <b>500 kg</b>
 Dynamic load <b>1800 kg</b>	 Weight <b>13 kg</b>
 Package quantity, pcs. <b>23</b>	 Quantity in Euro truck, pcs. <b>644</b>

- **Options:** perforated and solid models, customized colour, logo application
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: 







## Reinforced pallet 1200x800x150




NEW

### The pallet with 3 runners.

It is designed for storage and transportation of various heavy goods.

 Static load <b>6000 kg</b>	 Stacking load <b>1000 kg</b>
 Dynamic load <b>1800 kg</b>	 Weight <b>15 kg</b>
 Package quantity, pcs. <b>23</b>	 Quantity in Euro truck, pcs. <b>644</b>

- **Options:** perforated and solid models, customized colour, logo application
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: 







## Reinforced pallet 1200x800x150




NEW

### The pallet with 3 runners and with 1 tube.

02.117 pallet model is reinforced with a tube. It renders to withstand high racks up to 1 ton possible.

 Static load <b>6000 kg</b>	 Stacking load <b>1500 kg</b>
 Dynamic load <b>2000 kg</b>	 Weight <b>17 kg</b>
 Package quantity, pcs. <b>23</b>	 Quantity in Euro truck, pcs. <b>644</b>

- **Options:** perforated and solid models, customized colour, logo application
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20 to +45°C
- Washing temperature up to +90°C
- Standard colour: 

## Reinforced pallet 1200x800x150



NEW

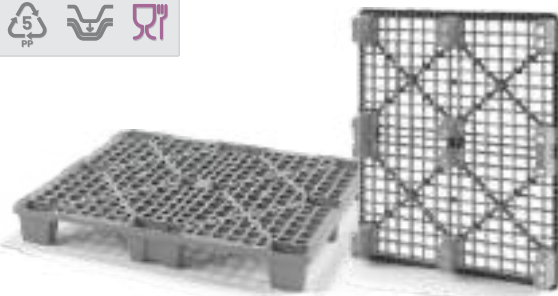
### The pallet with 3 runners and 2 tubes.

02.117 pallet model reinforced with two longitudinal tubes. It renders to withstand a high rack of 1.5 tons possible!



## Light pallet 1200x1000x140

02.112



### Nestable perforated pallet with legs.

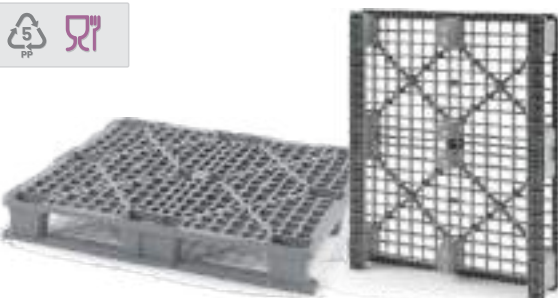
It is designed for transportation and storage of large-size goods. It saves space for storage and back empty transportation.

	Static load <b>4000 kg</b>		Stacking load —
	Dynamic load <b>1500 kg</b>		Weight <b>6,4 kg</b>
	Package quantity, pcs. <b>55</b>		Quantity in Euro truck, pcs. <b>1430</b>

- **Options:** logo application, customized colour
- Material: polypropylene (PP)
- Operating temperature: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: ☐

## Light pallet 1200x1000x140

02.112.C71/2



### Perforated pallet with 2 legs.

02.112 pallet model is for stable moving of goods on forklift truck. It renders to use the pallet in stackable storage possible.

	Static load <b>4000 kg</b>		Stacking load —
	Dynamic load <b>1500 kg</b>		Weight <b>7,6 kg</b>
	Package quantity, pcs. <b>45</b>		Quantity in Euro truck, pcs. <b>1170</b>

- **Options:** logo application, customized colour
- Material: polypropylene (PP)
- Operating temperature: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: ☐

## Universal pallet 1200x1000x150

02.103F









### Solid pallet with 2 runners.


It's a multi-purpose solution for transportation and goods storage.

	Static load <b>3000 kg</b>		Stacking load —
	Dynamic load <b>1000 kg</b>		Weight <b>16,7 kg</b>
	Package quantity, pcs. <b>23</b>		Quantity in Euro truck, pcs. <b>506</b>

- **Options:** logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: ☐



	Static load <b>3000 kg</b>		Stacking load —
	Dynamic load <b>1000 kg</b>		Weight <b>17,9 kg</b>
	Package quantity, pcs. <b>23</b>		Quantity in Euro truck, cs. <b>506</b>







- **Options:** logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature: up to +90°C
- Standard colour: 


## Universal pallet 1200x1000x150



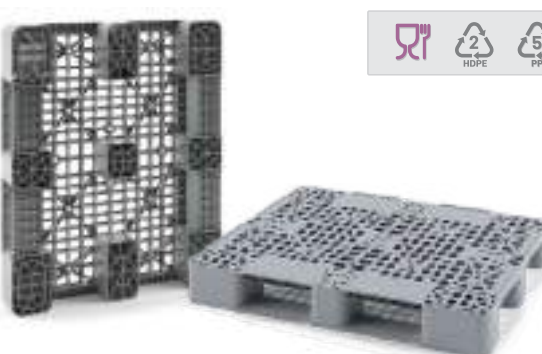
### Solid pallet with 3 runners.

It is effective for industrial supplies of raw materials and components.

	Static load <b>3000 kg</b>		Stacking load —
	Dynamic load <b>800 kg</b>		Weight <b>15,0 kg</b>
	Package quantity, pcs. <b>23</b>		Quantity in Euro truck, pcs. <b>506</b>







- **Options:** logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature: up to +90°C
- Standard colour: 


## Universal pallet 1200x1000x150



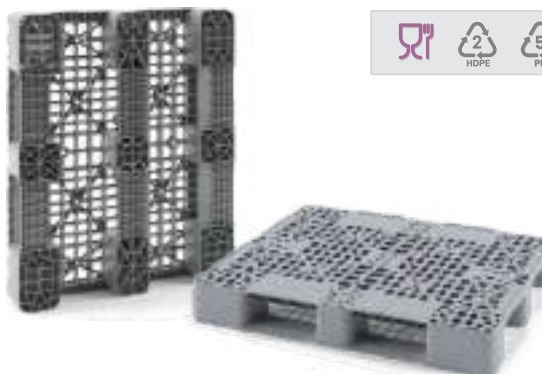
### Perforated pallet with 2 runners.

It's a multi-purpose solution for transportation and storage of industrial goods.

	Static load <b>3000 kg</b>		Stacking load —
	Dynamic load <b>1000 kg</b>		Weight <b>16,2 kg</b>
	Package quantity, pcs. <b>23</b>		Quantity in Euro truck, pcs. <b>506</b>

- **Options:** customized colour, logo application
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: 

## Universal pallet 1200x1000x150



### Perforated pallet with 3 runners.

It withstands the increased dynamic loads up to 1000 kg



Static load  
**2200 kg**



Dynamic load  
**1100 kg**



Bottles on a pallet, pcs.  
**8 pcs.**



Weight  
**20 kg**

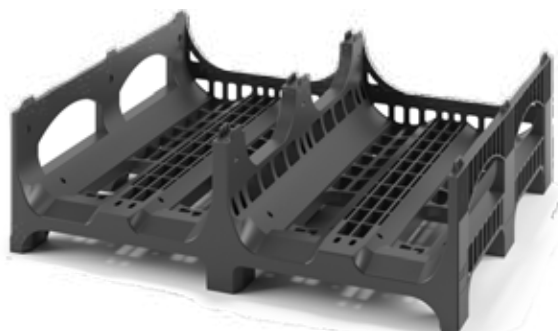


Package quantity, pcs.  
**7**



Quantity in Euro truck, pcs.  
**182**

**BottleRack®**



Quantity of pallets in storage - 12

Quantity of pallets in transportation - 6

- **Options:** logo application, customized colour
- Material: polypropylene (PP)
- Operating temperature: from -20°C to +45°C
- Washing temperature up to +95°C
- Standard colour: ■

#### The special BottleRack® pallet is for 19-liter bottles.

It prolongs the lifetime of 19-liter bottles.

It stacks with goods in height up to 5 meters.

It is made of virgin polymers that ensure its long useful lifetime.

It is adapted for gripping from 4 sides with a forklift truck, stacker and hydraulic trolley.

#### Specifics



Position - 8 bottles in each pallet



Reinforced and solid bottom



The option of partial pallet unloading



It is adapted to the use of a forklift truck

## Reinforced pallet 1200x1000x150

02.114



### The pallet with 3 runners.

It is designed for storage and transportation of various goods, including heavy ones. It is effective in storage stacking systems and multilayer racks.

Static load  
**6000 kg**

Stacking load  
**500 kg**

Dynamic load  
**2000 kg**

Weight  
**16 kg**

Package quantity, pcs.  
**23**

Quantity in Euro truck, pcs.  
**506**

- **Options:** perforated and solid models, logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: ☐

## Reinforced pallet 1200x1000x150

02.114.T108



### The pallet with 3 runners and 1 tube.

02.114 pallet model is reinforced with 1 longitudinal tube. It renders to withstand the load in the rack up to 1 ton possible.

Static load  
**6000 kg**

Stacking load  
**1000 kg**

Dynamic load  
**2000 kg**

Weight  
**18,4 kg**

Package quantity, pcs.  
**23**

Quantity in Euro truck, pcs.  
**506**

- **Options:** perforated and solid models, logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: ☐

## Reinforced pallet 1200x1000x150

02.114.T208



### The pallet with 3 runners and 2 tubes.

The pallet model 02.114 is reinforced with 2 longitudinal tubes. It renders the stacking load up to 2 tons possible!

Static load  
**6000 kg**

Stacking load  
**2000 kg**

Dynamic load  
**2500 kg**

Weight  
**20,8 kg**

Package quantity, pcs.  
**23**

Quantity in Euro truck, pcs.  
**506**

- **Options:** perforated and solid models, logo application, customized colour
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature for HDPE: from -30 to +40°C
- Operating temperature for PP: from -20°C to +45°C
- Washing temperature up to +90°C
- Standard colour: ☐

## Light pallet 1050x1050x120

02.111



You can use this product for pooling



### Perforated pallet for big-bags

It is effective for the goods transportation in soft packaging by car, railway and sea transport in "Euro truck – sea container" chain.

Static load  
**6000 kg**

Stacking load  
**500 kg**

Dynamic load  
**2000 kg**

Weight  
**6,5 kg**

Package quantity, pcs.  
**22**

Quantity in Euro truck, pcs.  
**528**

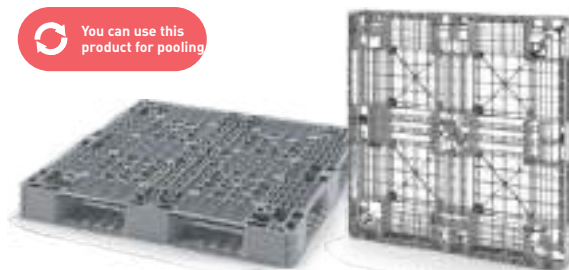
- **Options:** customized colour, logo application
- Material: polypropylene (PP)/ polyethylene (HDPE)
- Operating temperature: from -20 to +60°C
- Washing temperature up to +95°C
- Standard colour:

## Light pallet 1105x1105x120

02.115



You can use this product for pooling



### Perforated pallet for big-bags

It is effective for the goods transportation in soft packaging in "Euro truck – sea container" logistics chain.

Static load  
**2000 kg**

Stacking load  
**—**

Dynamic load  
**1200 kg**

Weight  
**6 kg**

Package quantity, pcs.  
**22**

Quantity in Euro truck pcs.  
**528**

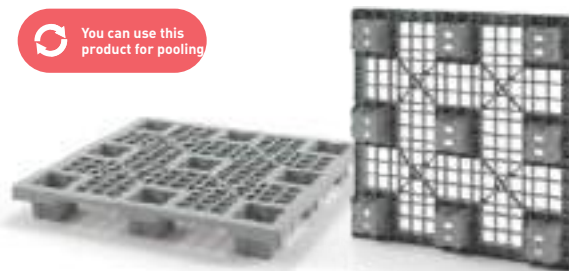
- **Options:** customized colour, logo application
- Material: polypropylene (PP)
- Operating temperature: from -20 to +60°C
- Washing temperature up to +95°C
- Standard colour:

## Light Pallet 1100x1100x130

02.118



You can use this product for pooling



### Nestable perforated pallet for big-bags

It is perfect for transportation of loads in soft packaging. It effectively saves space during empty back transportation and storage.

Static load  
**2000 kg**

Stacking load  
**—**

Dynamic load  
**1200 kg**

Weight  
**8,5 kg**







Package quantity  
**44**

Quantity in Euro truck  
**1056**


- **Options:** customized colour, logo application
- Material: polypropylene PP
- Operating temperature: from -20 to +45 °C
- Washing temperature up to +90°C
- Standard colour:




## Light pallet 1300x1100x150

	Static load <b>3000 kg</b>		Stacking load <b>—</b>
	Dynamic load <b>1350 kg</b>		Weight <b>10,5 kg</b>
	Package quantity <b>15</b>		Quantity in Euro truck <b>330</b>



 You can use this product for pooling

- **Options:** customized colour, logo application
- Material: polypropylene PP
- Operating temperature: from -20 to +45 °C
- Washing temperature up to +90°C
- Standard colour: 

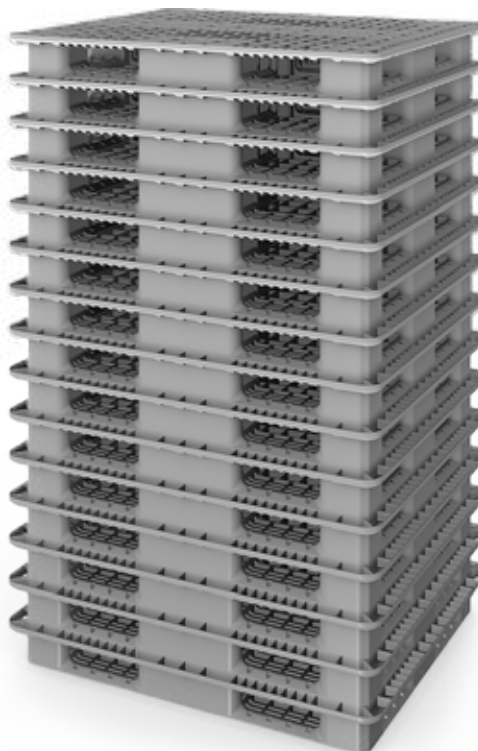
### Perforated pallet for bags.

It is designed for transportation and storage of the products packed in bags.

## Application



02.118 plastic pallet for big-bags



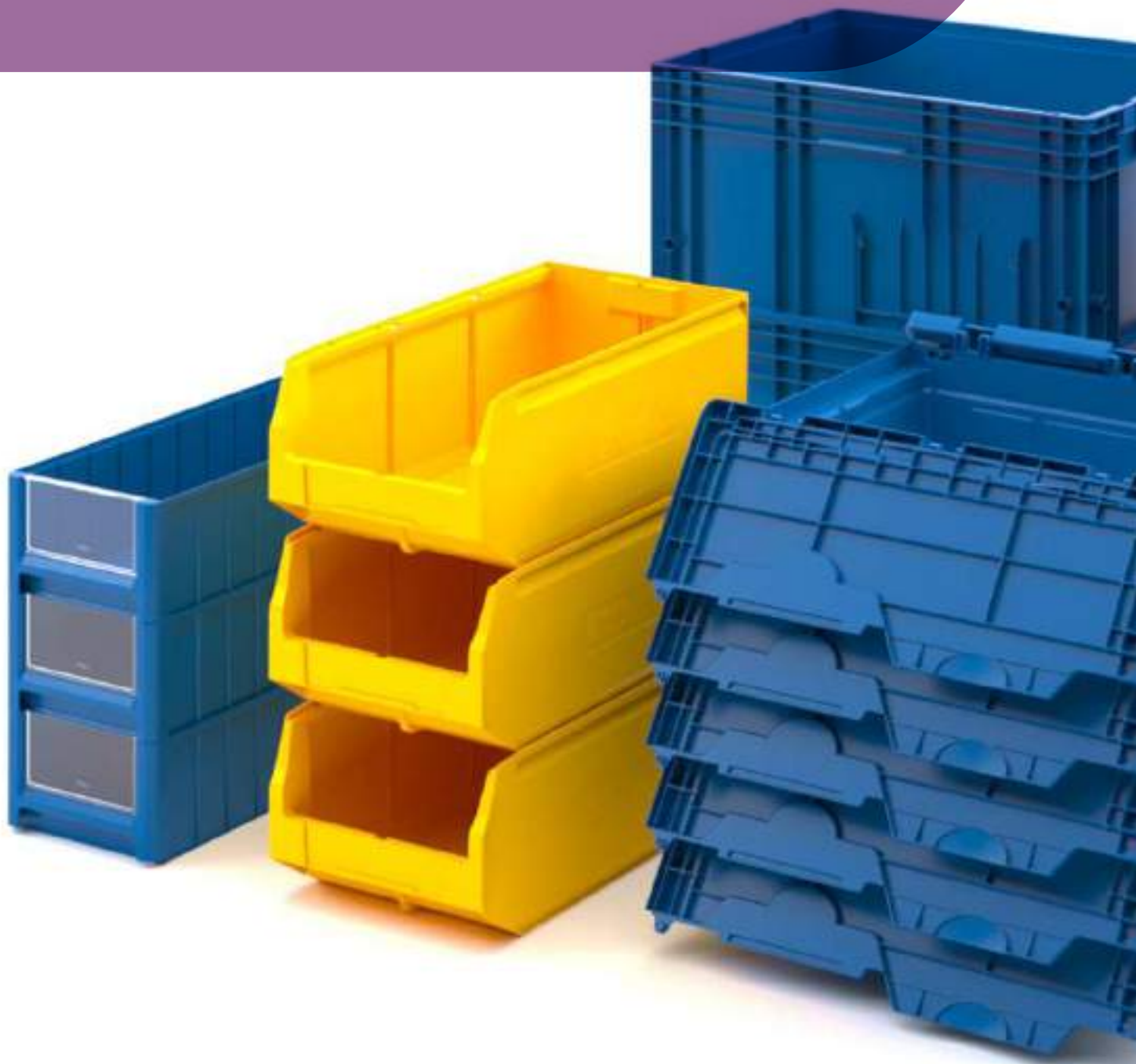
Stacking of empty 02.113 pallets

Please contact our managers for detailed information.

Call us **8 800 505 99 74** (toll free)



# Plastic crates





## Application



Food industry



Automotive industry



Warehouse logistics



Meat processing



Pharmaceutical industry



Trade

# Logic Store Storage Crates



Crates are designed as universal comprehensive solution for storing small items, parts and components.

The usage of the crates improves the process of items selection and reduces inaccuracy when sorting and storing.



12.401



12.402



12.412



12.403



12.404



12.414



12.405



12.406



12.407

## Application



## Technical characteristics

Article	Outer dimensions, LxWxH, mm	Volume, l	Max. load, kg	Cross/ lateral dividers, pcs.	Quantity in a box/ on a pallet, pcs.	Quantity in a box/ on a pallet, pcs.
12.401	165x100x75	1	2,4	-/-	120/1 920	63 360
12.402	250x150x130	4	6	-/-	72/576	19 008
12.412	300x225x150	7,5	6	-/1	32/256	8 448
12.403	350x225x150	8	6	-/1	24/192	6 336
12.404	350x225x200	12	6	-/1	18/144	4 752
12.414	400x225x150	10,5	8	1/1	20/160	5 280
12.405	500x225x150	14	8	2/1	16/128	4 224
12.406	500x300x200	23	8	2/1	8/64	2 112
12.407	500x300x250	33	8	2/1	8/64	2 112

### Options

Dividers  
Customized colour  
Logo application  
Antistatic additives

### Operating conditions

Temperature from -20°C to +45°C  
Washing temperature up to +95°C  
Maximum capacity: 20 kg

### Details

Material: polypropylene PP  
Standard colours:  

## Accessories



Cross divider



Lateral divider

### Compatibility with LS crates

Divider	Crate
14.905	12.414, 12.405
14.906	12.406
14.907	12.407

### Compatibility with LS crates

Divider	Crate
14.914	12.412
14.915	12.403
14.916	12.404
14.917	12.414
14.918	12.405
14.919	12.406
14.920	12.407



# SK (Shelf Kit) Storage Crates



Crates in 16 models are designed for rack depth of 30, 40, 50, 60 cm.

The crates are an ideal solution for efficient storing, sorting, archivation of various small items (parts, fasteners, sewing notions, cards, etc.) in rack systems and on shelves with a depth of 30, 40, 50, 60 cm.



## Technical characteristics

Article	Dimensions (LxWxH), cm	Max. load, kg	Max. stacking load, kg	Front panel	Number of dividers/ Quantity in a set			
					TD 1109	TD 1509	TD 2309	TD 2314
SK 3109	30x11,7x9	4	6	VP 1109	4/1			
SK 31509	30x15,6x9	5	9	VP 1509		4/1		
SK 3209	30x23,4x9	10	15	VP 2309			4/1	
SK 3214	30x23,4x14	15	20	VP 2314				4/1
SK 4109	40x11,7x9	5	9	VP 1109	6/2			
SK 41509	40x15,6x9	10	12	VP 1509		6/2		
SK 4209	40x23,4x9	12	20	VP 2309			6/2	
SK 4214	40x23,4x14	20	30	VP 2314				6/2
SK 5109	50x11,7x9	10	12	VP 1109	8/2			
SK 51509	50x15,6x9	12	15	VP 1509		8/2		
SK 5209	50x23,4x9	15	25	VP 2309			8/2	
SK 5214	50x23,4x14	22	40	VP 2314				8/2
SK 6109	60x11,7x9	11	15	VP 1109	10/3			
SK 61509	60x15,6x9	12	18	VP 1509		10/3		
SK 6209	60x23,4x9	18	30	VP 2309			10/3	
SK 6214	60x23,4x14	25	40	VP 2314				10/3

### Options

Dividers  
Customized colour  
Logo application

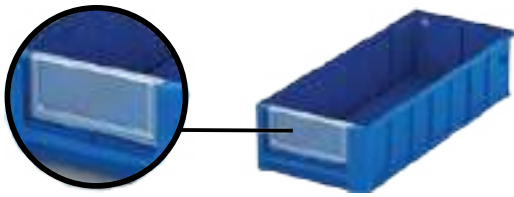
### Details

Material: polypropylene PP  
Standard colour: ■

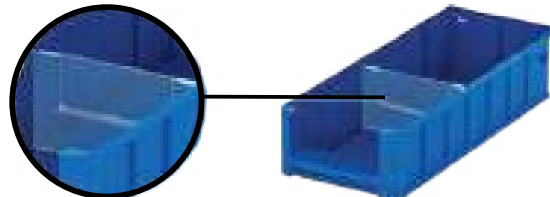
### Operating conditions

Temperature from -20°C to +45°C  
Washing temperature up to +95°C





Front panel



Cross divider

### Details

Material: polystyrene PS

Viewing opening

Label space

Dividers are adjustable at intervals of 5 cm

### Application



Stable stacking of crates



The use of crates in shelf racks

## R/RL-KLT Crates



The crates enable to save up to 70% of space during the empty back transportation. Each crate can be provided with a lid. Suitable for both automated and manual handling. The crates conform to the requirements of VDA 4500 European standard (the German Association of Automotive Industry). They are highly stable and durable. Standardized sizes are adapted for automated line operations. Highly suitable for car assembly plants and machine industry.

### R-KLT Crates (with reinforced bottom)



R-KLT 3215



R-KLT 4315



R-KLT 4329



R-KLT 6415



R-KLT 6429



R-KLT Crates (with reinforced bottom)

### RL-KLT crates (in the bottom with drainage holes)



RL-KLT 3147



RL-KLT 4147



RL-KLT 4280



RL-KLT 6147



RL-KLT 6280



The RL-KLT Series with drainage holes

## Technical characteristics

VDA article	I-Plast article	Outer dimensions, LxWxH, mm	Inner dimensions, LxW,H, mm	Volume, l	Package quantity, pcs.	Quantity in Euro truck, pcs.
R-KLT 3215	12.501.61	297x198x147,5	243x162x129,5	5,3	256	8448
R-KLT 4315	12.502.61	396x297x147,5	356x265x109,5	10	128	4224
R-KLT 4329	12.503.61	396x297x280	356x265x242	22	64	2112
R-KLT 6415	12.504.61	594x396x147,5	544x364x109,5	22	64	2112
R-KLT 6429	12.505.61	594x396x280	544x364x242	48	32	1056
RL-KLT 3147	12.501.65	297x198x147,5	243x162x129,5	5,3	256	8448
RL-KLT 4147	12.502F. 65	396x297x147,5	356x260x129,5	11,8	128	4224
RL-KLT 4280	12.503F. 65	396x297x280	356x260x262	24,1	64	2112
RL-KLT 6147	12.504F. 65	594x396x147,5	544x359x129,5	25	64	2112
RL-KLT 6280	12.505F. 65	594x396x280	544x359x262	51,9	32	1056

### Options

Logo application onto crate walls  
Individual lids  
Straps for KLT set  
Customized colour

### Material

Polypropylene PP

### Maximum capacity

Max. capacity of 1 crate: 20 kg  
Max. stacking load: 600 kg

### Operating conditions

Temperature from -20°C to +45°C  
Washing temperature up to +95°C

### Standard colours

R-KLT: ■ RL-KLT: ■

## Accessories



Lid 50.511.61  
Dimensions 295x196 mm  
Compatible with crates:  
12.501



Lid 50.512.61  
Dimensions 395x295 mm  
Compatible with crates:  
12.502F, 12.503F, 12.502, 12.503



Lid 50.513.61  
Dimensions 594x295 mm  
Compatible with crates:  
12.504F, 12.505F, 12.504, 12.505



**KLT Set lid**  
**05.016**  
Dimensions 1214x811x66 mm  
Weight 5,6 kg



KLT set with a lid  
application of a 05.016.99

# Eurocontainers EC



Eurocontainer EC is a multifunctional solution for transportation and warehouse logistics. Various versions of walls, handles and bottom are available. They are compatible with automated warehouse systems and conveyors. Eurocontainers EC are stackable on 1200x800 mm pallets forming a complete set.

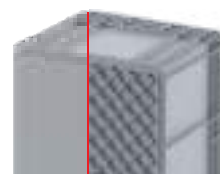
## Models with closed handles



12.310  
EC-4322



12.311  
EC-6422



Solid and reinforced  
bottom of containers XX.XXX



12.312  
EC-6432



12.313  
EC-6442



12.314  
EC-8632

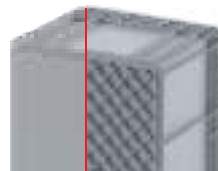
## Models with open handles



12.310.W  
EC-4322



12.311.W  
EC-6422



Solid and reinforced  
bottom of containers XX.XXX.W



12.312.W  
EC-6432



12.313.W  
EC-6442



12.314.W  
EC-8632

## Perforated models



12.315  
ECP-6422



12.316  
ECP-6432




Bottom of containers  
ECP-XXXX

## Technical characteristics

Article	Dimensions, mm	Volume, l	Lid	Bottom			Label holder	Quantity in Euro truck, pcs.	Package quantity, pcs.
				Solid	Reinforced	Perforated			
12.310 EC-4322	400x300x220	20	50.512	+	+	-	+	3960	120
12.311 EC-6422	600x400x220	42	50.513	+	+	-	+	1320	40
12.312 EC-6432	600x400x320	63	50.513	+	+	-	+	1188	36
12.313 EC-6442	600x400x420	83	50.513	+	+	-	+	660	20
12.314 EC-8632	800x600x320	131	50.514	-	+	-	+	462	14
12.315 ECP-6422	600x400x220	44	50.513	-	-	+	-	1320	40
12.316 ECP-6432	600x400x320	65	50.513	-	-	+	-	1188	36
12.310.W EC-4322	400x300x220	20	50.512	+	+	-	+	3960	120
12.311.W EC-6422	600x400x220	42	50.513	+	+	-	+	1320	40
12.312.W EC-6432	600x400x320	63	50.513	+	+	-	+	1188	36
12.313.W EC-6442	600x400x420	83	50.513	+	+	-	+	660	20
12.314.W EC-8632	800x600x320	131	50.514	-	+	-	+	462	14

### Details

Material: polypropylene PP/  
polyethylene HDPE  
Standard colour: 

### Operating conditions

Operating temperature for HDPE: -30°C to +40°C  
Operating temperature for PP: -20°C to +45°C  
Washing temperature: up to +95°C

### Maximum capacity

Containers with solid bottom: 20 kg  
Containers with reinforced bottom: 50 kg

### Options

Customized colour  
Logo application onto container walls

## Accessories



Lid  
50.511.1  
Dimensions 300x200 mm



Lid  
50.512.1  
Dimensions 400x300 mm



Lid  
50.513  
Dimensions 600x400 mm



Lid  
50.514  
Dimensions 810x610 mm



Label holder  
14.930



Lid hinge  
14.932



## Universal containers



Universal containers solve a wide range of tasks in transport and warehouse logistics. They are compatible with the series of KLT crates and eurocontainers EC that allows to stack them onto each other on a pallet forming a complete set.



12.301



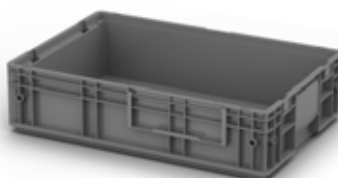
12.501



12.502F



12.503F



12.504F



12.505F

## Technical characteristics

Article	Outer dimensions, LxWxH, mm	Inner dimensions, LxWxH, mm	Volume, l	Lid	Quantity in Euro truck, pcs.	Package quantity, pcs.
12.301	200x150x120	170x120x117,6	2	-	608	20064
12.501	297x198x147,5	243x162x129,5	5,3	50.511	256	8448
12.502F	396x297x147,5	356x260x129,5	11,8	50.512	128	4224
12.503F	396x297x280	356x260x262	24,1	50.512	64	2112
12.504F	594x396x147,5	544x359x129,5	25	50.513	64	2112
12.505F	594x396x280	544x359x262	51,9	50.513	32	1056

### Details

Material: polypropylene PP  
Standard colour:

### Operating conditions

Temperature from -20°C to +45°C  
Washing temperature up to +95°C

### Options

Customized colour  
Logo application  
Barcoding



Bottom design

## E Meat Crates

Specialized range of meat crates is designed for roller conveyors. The crates are widely used in meat processing enterprises. Design of the crates enables quick cooling and freezing of the content.



12.421  
(E1 deep-freeze)



12.422  
(E2 deep-freeze)



12.423  
(E3 deep-freeze)



12.421  
(E1 cold-resistant)



12.422  
(E2 cold-resistant)



12.423  
(E3 cold-resistant)

### Technical characteristics

Code	Article	Outer dimensions, LxWxH, mm	Volume, l	Maximum capacity, kg	Package quantity, pcs.	Quantity in Euro truck, pcs.
E1	12.421	600x400x120	25	12,5	76	2508
E2	12.422	600x400x200	40	20	44	1452
E3	12.423	600x400x300	61	30	28	924

#### Details

Material: polyethylene HDPE  
Washing temperature up to +90°C  
Standard colours: ■ ■

#### Operating temperature

Deep-freeze crates: from -40°C to +45°C  
Frost-resistant crates: from -20°C to +45°C

#### Options

Customized colour  
Logo application onto crate walls  
Printed label application

#### Capacity

Maximum capacity 25 kg

### Details



Handle



Adhesive label area



RFID tag option

# INSTORE Nestable Crates



The product can be used for pooling

The crates enable to save up to 70% of space during the empty back transportation. Each container can be provided with a lid. The crates are suitable for both automated and manual handling.



12.356F.XX  
KV 5314



12.357.XX  
KV 5321



12.355F.XX  
KV 5328



12.351F.XX  
KV 6417



12.353F.XX  
KV 6422



12.353.XX  
KVR 6422



12.352F.XX  
KV 6427



12.354.XX  
KVR 6442



12.354F.XX  
KV 6442

## Application example



Nesting without lids



Stacking with lids



Nesting with lids


## Technical characteristics

INSTORE Nestable Crates				Crate lids					Stacking crossbar	Hinge	Connector	Quantity in Euro truck, pcs.	Package quantity, pcs.
Article	Dimensions, mm	Volume, dm3 (l)	Max. capacity, kg	50.515 LS 64	50.516 L 53	50.517 L 64	50.518 LF 64	50.519 LS 53	14.948	14.949	14.950		
12.356F.XX KV 5314	490x330x140	16	20		+							287	6888
12.357.XX KV 5321	490x300x210	23	20					+				320	7680
12.355F.XX KV 5328	490x330x280	32	30		+							273	6552
12.351F.XX KV 6417	600x400x170	30	30	+		+	+		+	+	+	160	5280
12.353.XX KVR 6422	600x400x235	40	30	+		+	+		+	+	+	152	5016
12.353F.XX KV 6422	600x400x220	40	30	+		+	+		+	+	+	152	5016
12.352F.XX KV 6427	600x400x270	49	30	+		+	+		+	+	+	120	3960
12.354.XX KVR 6442	600x400x435	76	50	+		+	+		+	+	+	88	2904
12.354F.XX KV 6442	600x400x420	76	35	+		+	+		+	+	+	88	2904

### Options

Customized colour  
Logo application  
Barcoding  
Sealing available

### Details

Material: polypropylene PP  
Standard colour: 

### Operating conditions

Temperature from -20°C to +45°C  
Washing temperature up to +95°C

## Accessories



50.516 L 53  
(500x340)



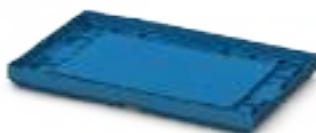
50.517 L 64  
(610x410)



50.515 LS 64  
(610x410)



50.518 LF 64  
(610x400)



50.519 LS 53  
(500x310)



Stacking crossbar



Hinge and connector



Strap for carrying  
and lids locking

# FC Foldable Crates



NEW



This product can be used pooling

FC foldable crates are ideal for transportation of vegetables and fruits from a warehouse to a retail location in FMCG segment. They are space-efficient during back transportation. Due to the perforated walls food freshness is kept at all stages of logistics. The crates are stackable on 1200x1000 and 1200x800 mm pallets.



12.421



12.422



12.423

## Technical characteristics

Article	Outer dimensions, LxWxH, mm	Maximum capacity, kg	Package quantity, pcs.	Quantity in Euro truck, pcs.
12.421 (FC-4317)	400x300x166	13	640	21 120
12.422 (FC-6418)	600x400x180	20	320	10 560
12.423 (FC-6422)	600x400x215	25	320	10 560

### Details

Material: polypropylene PP  
Operating temperature: from -20 to +45 °C  
Standard colour:

### Options

Customized colour.  
Logo application onto crate walls.  
Labels application.

## Specifics



Folded FC Crate



Folded and stacked FC Crates



## Mushroom Crate 400x300x110

The mushroom crate is designed for mushrooms and berries transportation from a picking area to a retail location. The light-weight design with smooth surface ensures the preservation of the content.

NEW



This product can be used for pooling



Dimensions (LxWxH), mm

**400x300x110**



Weight

**0,19 kg**



Max. capacity

**3 kg**



Package quantity, pcs.

**160**



Quantity in Euro truck, pcs.

**5280**



12.415

- **Options:** logo application, customized colour
- Material: polypropylene PP
- Operating temperature: from -20 to +45 °C
- Standard colour:

### Application



Stable crate stacking



Please contact our managers for detailed information

Call us

**8 800 505 99 74** (toll free)

# Polymeric sheets







## Application



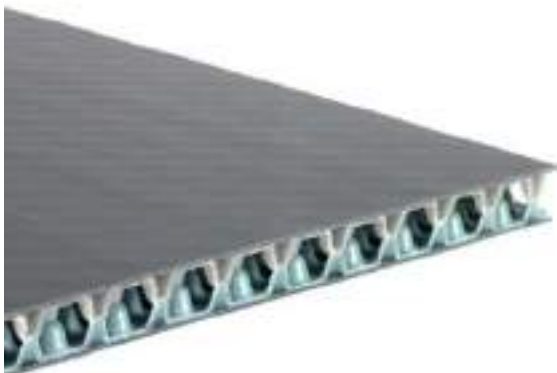
Warehouse  
logistics



Packing  
and packaging

## Diamond Polymeric Sheet

06.04




Four-layer polypropylene sheet is unique in Russia. The sheet has an excellent quality in durability/weight ratio- it is 25 % more durable than its analogues made of ordinary honeycomb polypropylene sheet of the same weight.

### Application

Production of wall-rings of the containers  
Material for removable formwork

 Thickness, mm  
**12**

 Dimensions (LxW), mm  
**3000x1000**

 Specific weight, gr/sq.m  
**3600**

### Options

Customized colour  
Customized sheet dimensions  
UV protection  
Antistatic effect

## Bubble Guard Polymeric Sheet

06.03



Three-layer honeycomb Bubble Guard sheet has a higher durability in comparison with ordinary honeycomb polypropylene sheet in longitudinal and transverse directions.

### Application

Production of wall-rings of the containers  
Material for removable formwork  
Material for plastic boxes and crates

 Thickness, mm  
**2,5 - 5**

 Dimensions (LxW), mm  
**3000x1000**

 Specific weight, gr/sq.m  
**500 -1500**

 Thickness, mm  
**10**

 Dimensions (LxW), mm  
**3000x1500**

 Specific weight, gr/sq.m  
**3000**

 Thickness, mm  
**12**

 Dimensions (LxW), mm  
**3000x1500**

 Specific weight, gr/sq.m  
**3000 - 3600**

### Options

Customized colour  
Customized sheet dimensions  
UV protection  
Antistatic effect

One-layer honeycomb polypropylene sheet has a higher durability in transverse direction. It is available with variable thickness, density, colour and profile.



### Application

Material for plastic boxes and crates

06.01



Thickness, mm  
2,2 - 8



Dimensions (LxW), mm  
**4000x1000**



Specific weight, gr./sq.m  
**320 -2000**

06.02



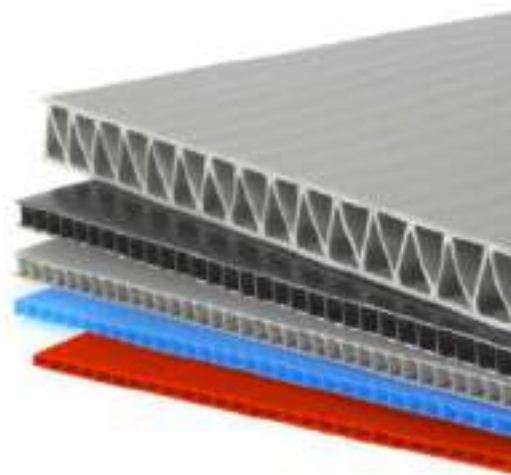
Thickness, mm  
**12**



Dimensions (LxW), mm  
**3000x1960**



Specific weight, gr./sq.m  
**3500**



### Options

Customized colour

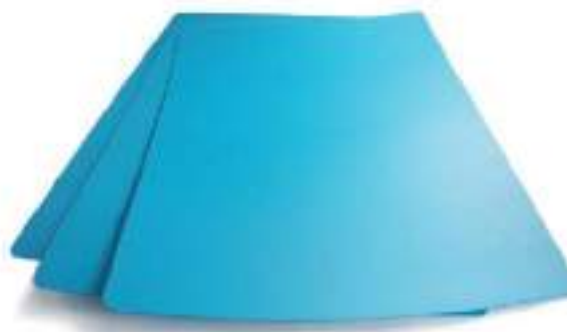
Customized sheet dimensions

UV protection

Antistatic effect

Pallet layer is made of honeycomb polypropylene sheet and used as laying material in complex pallet packaging of glassware (cans, bottles) in order to prevent its damage.

It reduces the cost of packaging and logistics of the finished goods due to the possibility of multiple applications and of using it in outside storages.



Dimensions, mm	Thickness, mm	Specific weight, gr/sq.m	Package quantity, pcs.	Quantity in Euro truck, pcs.
1200x800	3,5	900	600	19800
1200x800	3,5	1000	600	19800
1200x1000	3,5	900	600	15600
1200x1000	3,5	1000	600	15600

### Options

Customized density and thickness

Customized colour

Antistatic effect

### Details

Material - polypropylene PP

Standard colours:  

### Operating conditions

Temperature from -20°C to +60°C

Washing temperature up to +95°C





IPLAST Ltd  
423578, Russia,  
Tatarstan, Nizhnekamsk,  
38, Khimikov ave

+7 800 505-99-74  
+7 8555 42-99-74

info@iplast.com  
www.iplast.com