


Polyreflex
Company
profile

 Our products ∞ solutions

710
We employ 710 employees

15
More than 15 years technology know-how

100%
We are there for you with 100% engagement

6
At 6 locations

89,000
Over 89,000 m2 production area

38
Sell more than 38 countries and regions

60,000
Every year we produce 60,000 tons Polyreflex materials

1
Everything from 1 source



Polyreflex Pallet Sleeve System

Reusable

Returnable

Recyclable

DESCRIPTION

Description

Polyreflex Pallet Sleeve Container

is developed to be durable, returnable and economical, provide a perfect solution for logistics and turnover systems to support, store, protect and transport unit loads of bulk goods or materials.

A sleeve pack is made up of a HDPE pallet base, collapsible polypropylene triple walls, and a top lid. The pallet base and top lid are nestable and thus the sleeve pack systems can be stably stacked to help optimize storage and transportation utilization.

Polyreflex pallet sleeve system adopts all-in-one design, when empty, sleeve packs are collapsed, the top lid, pallet base and sleeve are available as a set, providing an excellent empty container return rate, helping to reduce transportation costs and storage space.



Strong in All Directions

Polypropylene honeycomb sleeves have a very stable structure and strong stacking capacity. Whether it is dynamic load or static load, it can safely stack and protect the product.



Space-efficient

The pallets and tops are nestable and the sleeves are collapsible, yielding improved warehouse utilization and reducing freight costs. One truck of folded sleeve packs can be used to transport 10 trucks of assembled pallet containers with cargo.



Cost-effective

Lightweight polypropylene sleeve pack has more cycles than cardboard sleeves. Although the price of PP sleeve is higher, it usually paying for itself within 6 months. A plastic sleeve pack can withstand more than 20,000 folds.



Easy to Assemble

Polyreflex pallet sleeve system is easy to assemble and disassemble. The sliding locks on the pallet base and lid can quickly lock them tight. It takes one person only a minute to assemble a container.



Various Sizes Available

Polyreflex offers various standard sizes and configurations of the sleeve packs, as well as custom sleeve heights, colors, doors and designs. Customized printing of sleeve is available for easy identification.

Standard Sizes

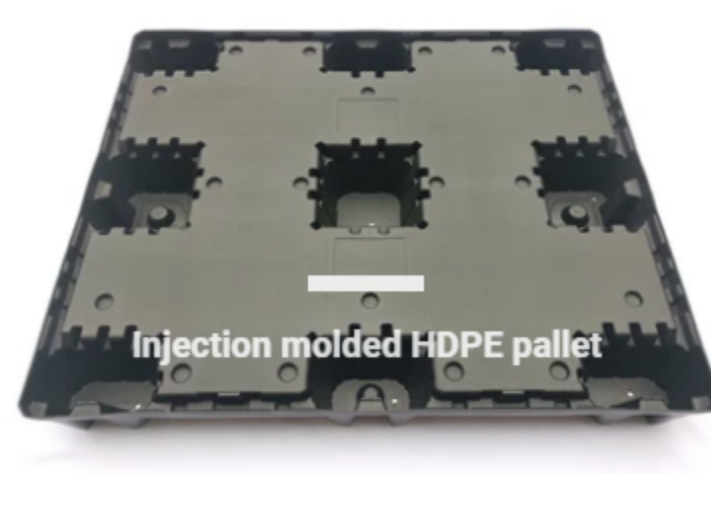
Components	Lid	Sleeve Pack	Pallet
Material	Twin-sheet HDPE	Polypropylene	Twin-sheet HDPE
Thickness of material	—	9.5 - 12mm	—
Weight of material	—	2500 - 4200 g/m2	—
External length	800 - 2070mm	760 - 2030mm	800 - 2070mm
External width	600 - 1150mm	560 - 1110mm	600 - 1150mm
External height	700 - 1200mm		
Stack layer	1+1 for dynamic load, 1+3 for static load		
Payload	200 - 400KG		
Max. ballast	600 - 1200KG		

Stacked Layer

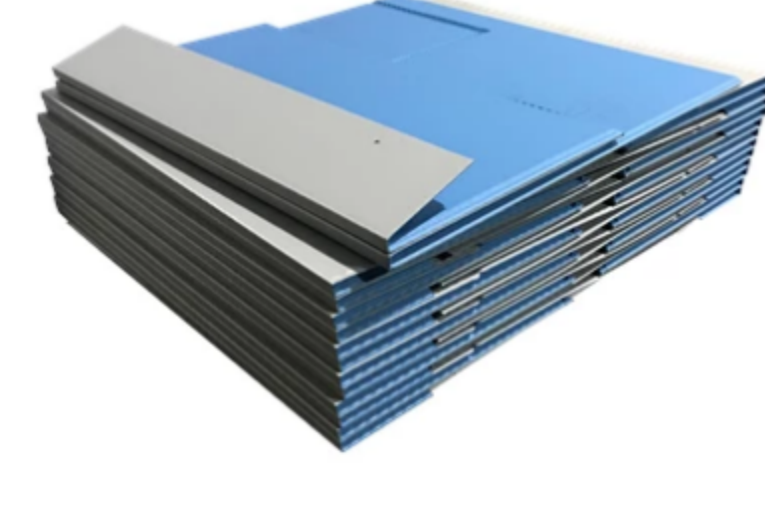
Polyreflex Stackable Pallet Sleeve System

Pallet and lid can be nested into each other

Maximize storage and transportation utilization



Custom Sleeve Packs



Custom heights and double color sleeves are available



The spacer layer and the door opening are optional



Polyreflex provides sleeve packs with PVC profiles or steel profiles



Custom printing of sleeve is available for easy identification

Folding Steps



● The assembled container



● Remove the top lid



● Take out the goods



● Fold the sleeve up

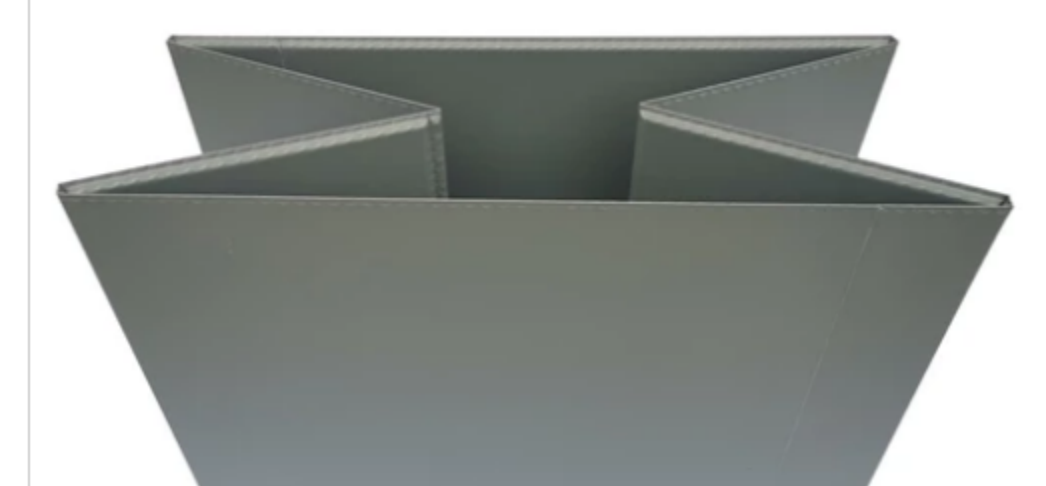


● Lay the folded sleeve pack flat on the pallet



● Put the lid on the sleeve pack

Folding Type



M Fold - sleeve width ≤ pallet width



Z Fold - sleeve width > pallet width



I Fold - suitable for small sleeves

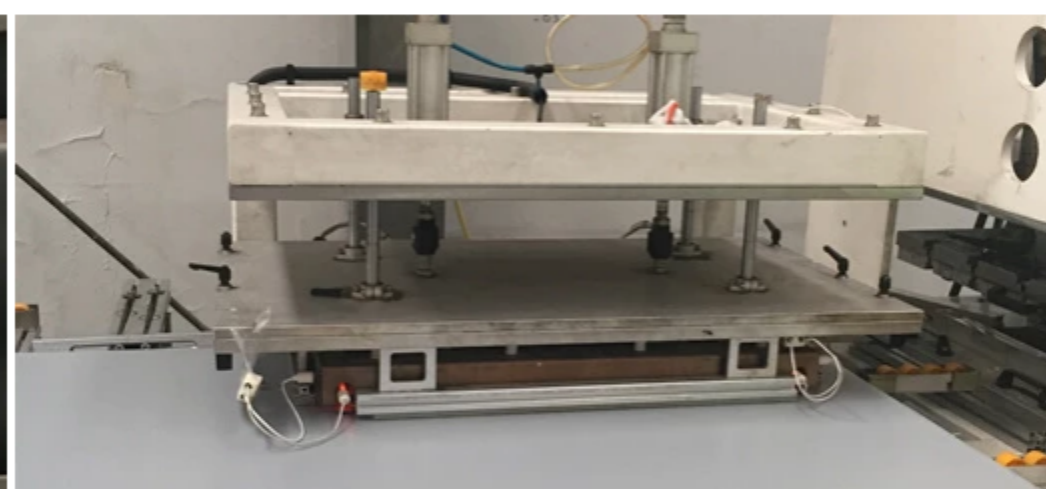
Processing Steps



I. Die-cut the PP honeycomb panel



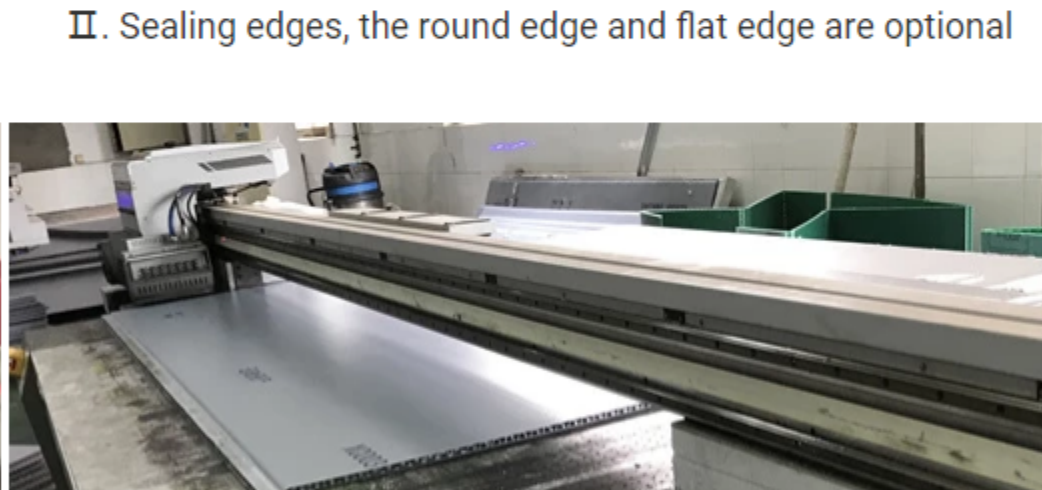
II. Sealing edges, the round edge and flat edge are optional



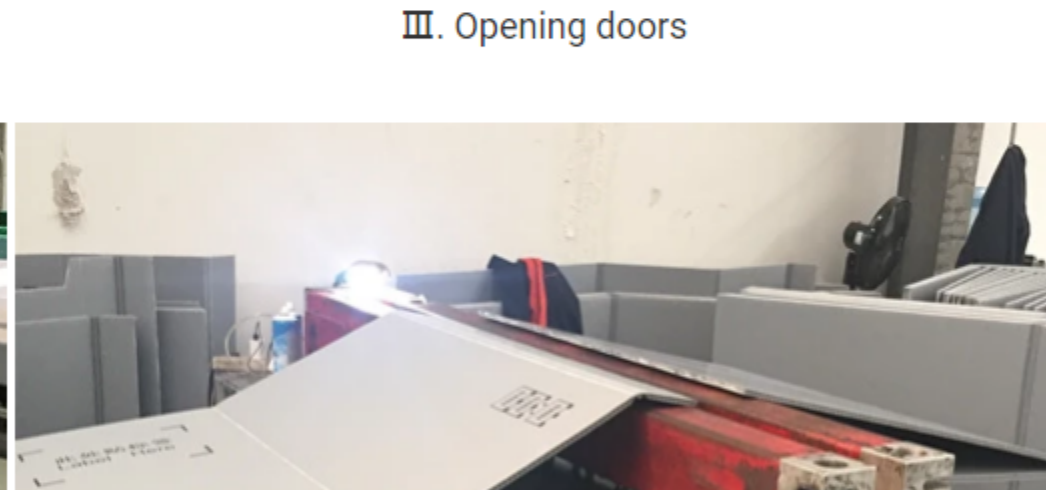
III. Opening doors



IV. Make the creasing



V. Custom printing

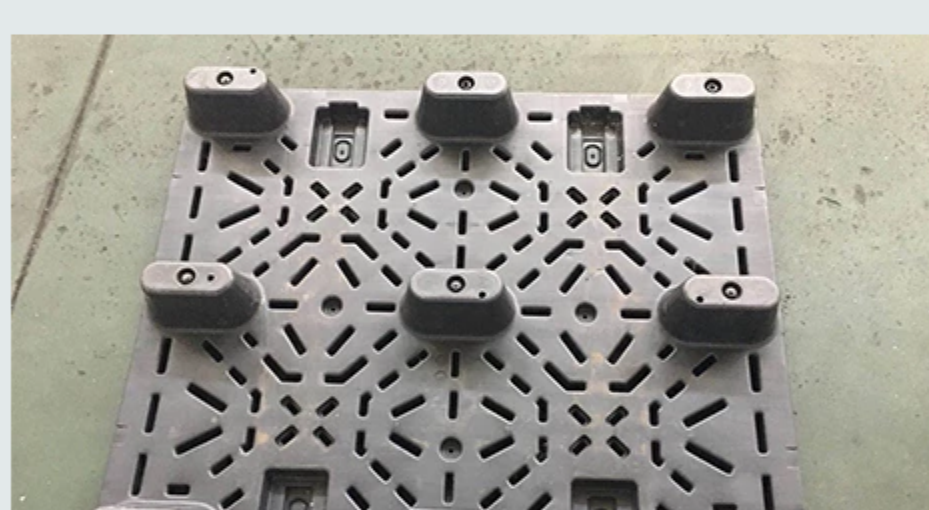


VI. Butt welding

Product Images

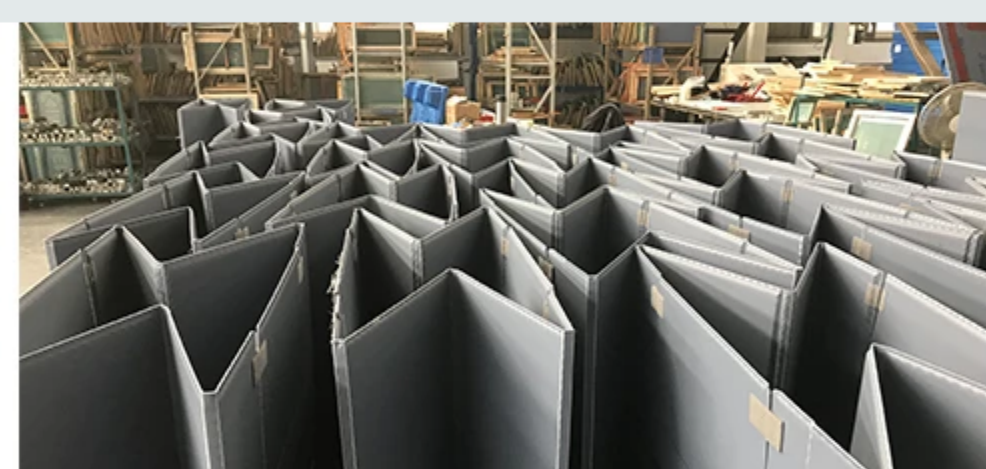
Lid and Pallet

Polyreflex standard bottom pallet, steel rod reinforced pallet, lids and pallets in stock. Please [contact us](#) for more designs and sizes of lids and pallets.



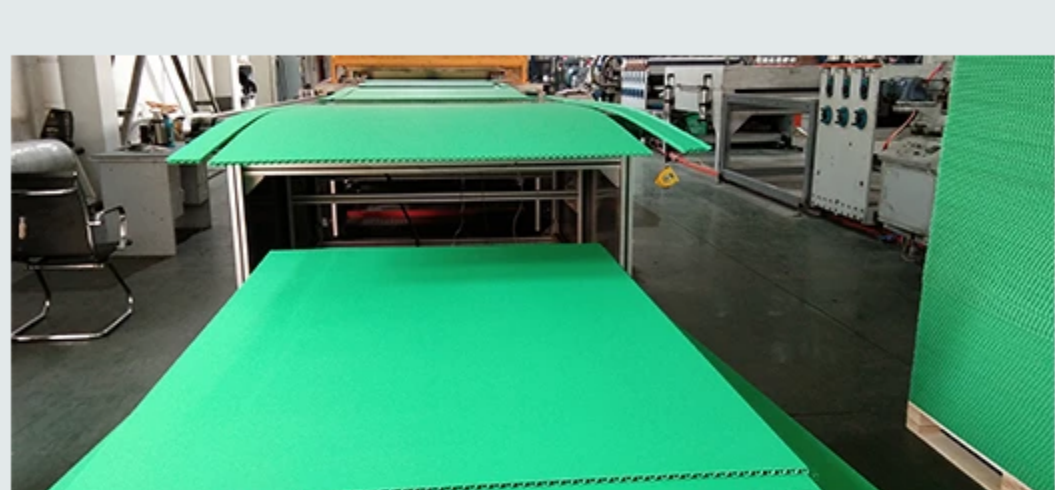
Sleeve Packs

Finished Polyreflex sleeve packs waiting for packing and shipping.



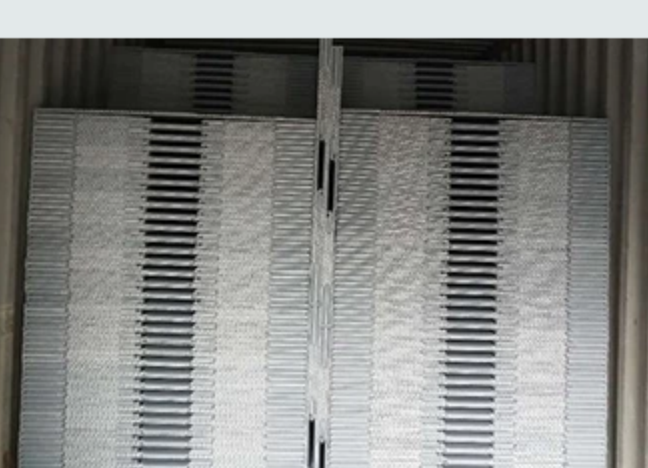
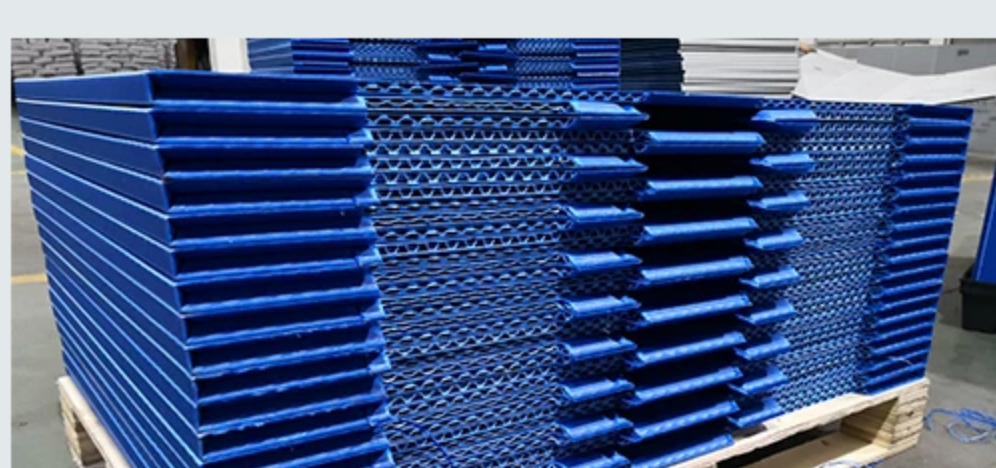
Polypropylene Honeycomb Board

Pre-cutting on production line and die-cutting polypropylene honeycomb panel ready to make sleeve packs.




Packing and Loading


Loading sleeve packs in bulk or with pallet.



If you would like to discuss your specific product requirements further, please feel free to contact us.

<http://www.polyreflex.com/>

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