Containers and Pallets for the Chemical and Pharmaceutical Industries

Materials Handling
in Plastic

High-bay rackable Hygiene-Pallets

The pharmaceutical and chemical industries are making increased use of plastic pallets. As a general rule they are used within internal cycles as storage and production pallets. The Utz Hygiene Pallets (in Euro or ISO sizes) offer real benefits in this type of application. They fulfil the EHI requirements for hygiene pallets and meet the DIN 15141 pallet standard as well as the SGL recommendation 120.01 to 120.05.
When developing the pallets, particular attention was paid to achieving a smooth surface with no exterior ribbing. Undercuts and sharp corners were carefully avoided to prevent accumulation of dirt and bacterial growth. Large radii instead of sharp corners and edges minimise the risk of damage to pallets by conveying equipment. Thanks to the totally sealed design of the Utz Hygiene Pallet, no water can penetrate the interior and cause rot. In contrast to wooden pallets, plastic pallets can be quickly and thoroughly cleaned in automated cleaning systems.
The Utz plastic pallet is made of high-grade polyethylene and is resistant to all commonly used acids and alkalis. This material enables easy recycling and ensures impact resistance, particularly in cold applications.
The integral tubular-steel inserts enable the pallet to be used in high bay racking with an evenly distributed load of 1000 kg. It is available in various specifications.

Further information on the High-bay rackable Hygiene Pallets is available from Utz.

Multi-purpose Tub

Safety and hygiene are the be-all and end-all in the chemical and pharmaceutical industries. The Utz multi-purpose tub offers both. The risk of damage to the tub with consequent liquid leakage is eliminated thanks to the thick wall all around and twin-walled top edge which are almost totally resistant to damage by external forces. Thanks to the smooth, ribless surface, the tub has another advantage when it comes to cleaning.
With a capacity of 160 litres, the multi-purpose tub offers a considerable volume for a conical container. This shape also means that the empty tubs can be nested inside one another, saving space.
The Utz High-bay rackable Hygiene-Pallets are ideal for transporting the tubs. Thanks to the six circular depressions in the top deck, the barrels are securely held for transport. If a single barrel is being moved, it can be conveniently picked up under the neck using a forklift truck and safely transported to the next production hall or into store. And here's where the tub shows another advantage in terms of its load-carrying capacity when stacked.
Utz offers a special multiple-use lid with rubber gasket to fit the multi-purpose tub as well as a matching dolly. If the tub is to be specially labelled, the large, smooth outer surface provides plenty of space for lettering.

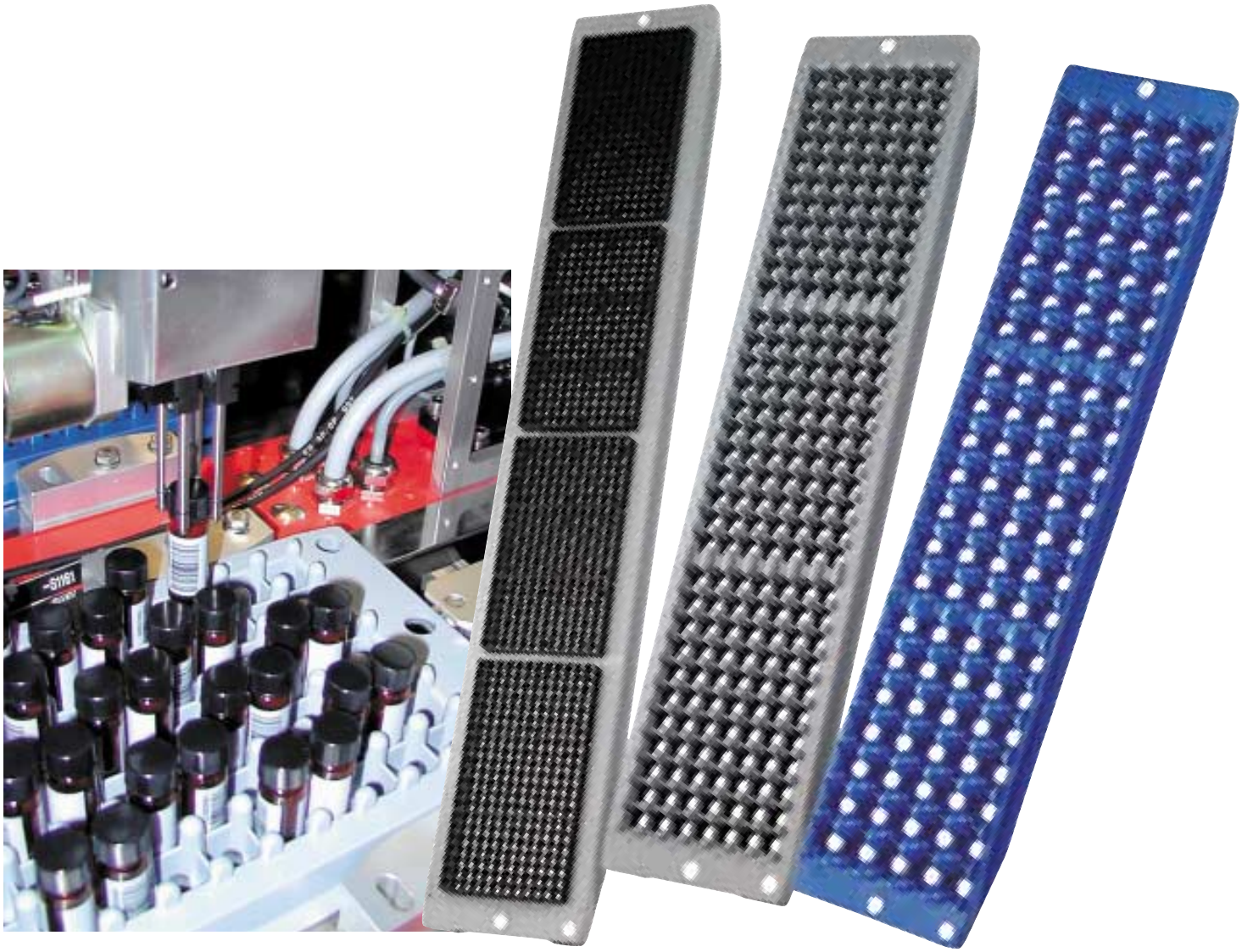
Further information on the multi-purpose tub is available from Utz.

Ampoule Trays

In addition to its ingeniously designed container systems and hygiene pallets, Utz also specialises in the development of individual special solutions: trays as carriers of bottles, pipettes or plates for laboratory samples.

These trays are employed in automated, air-conditioned stores. Thanks to their strength as well as the correct choice of material, flexing remains extremely low enabling optimum use of storage space. The trays are guaranteed to retain their shape in both cold and hot storage.

The special entry angles on the pick-up holes position all samples to very high tolerances and make up for operating tolerances on the automatic placement machine.



POOLBOX® with insulated insert

Utz has developed a special multiple-use box with insulated insert for the dispatch of valuable or perishable products which need good protection and insulation. The POOLBOX®, which is available in various sizes, is already in use at many companies as a multiple-use dispatch container. Disposable packaging and spacing materials are no longer required as the box offers secure protection for the contents.
Disposal costs for packaging are eliminated. The ingenious closure mechanism used for the POOLBOX® also does away with the need for binding and packaging machinery. If the boxes are to be used for dispatching valuabled, they can be easily yet effectively sealed.
Special insulated inner containers are available for valuable products which have to be chilled for delivery (such as stored blood). They have K-values of 0.132 to 0.175 W/m2 depending on the size.

Please contact us to discuss particular areas of application for the Utz POOLBOX®.