

THERMOFORMED TRAYS FOR TRANSPORT, HANDLING AND STORAGE

From concept to finished packaging tray

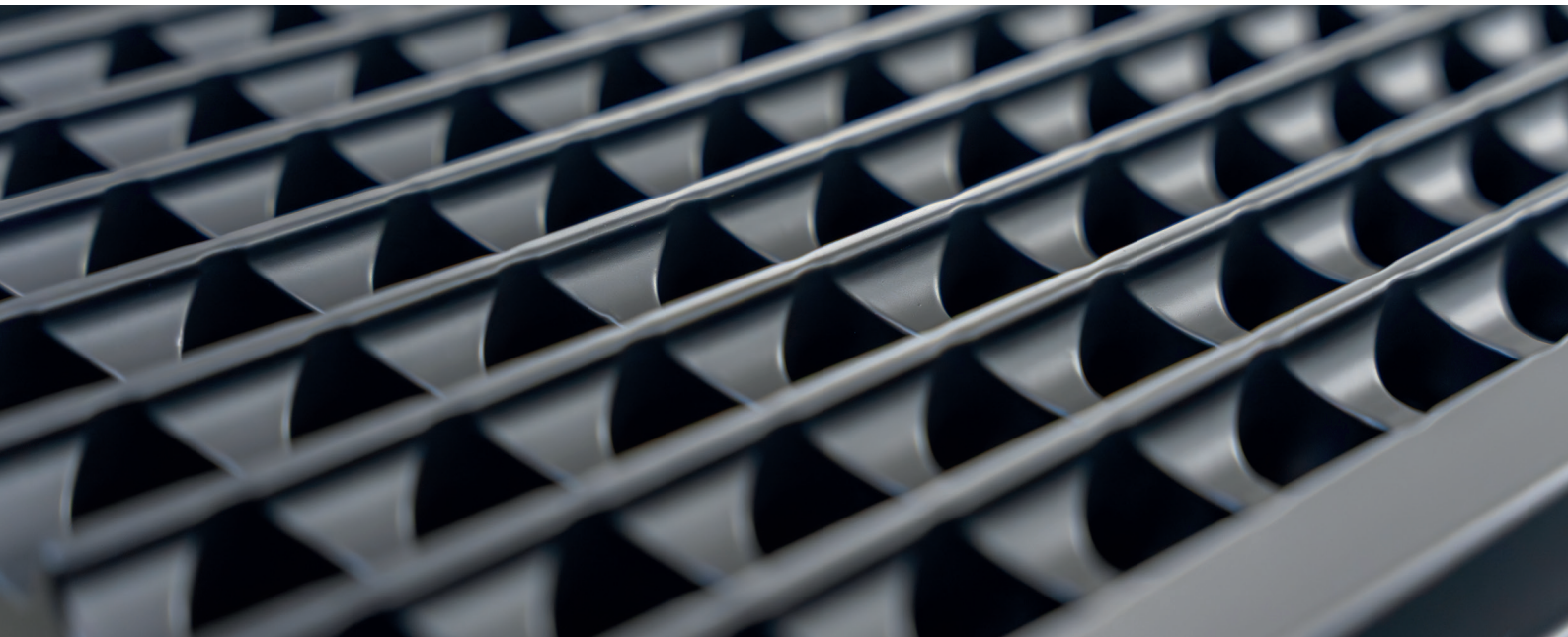
In many development projects, the initial focus is on the product itself. However, before series production begins, it becomes clear that the component must not only perform properly, but also be transported, stored, supplied and processed safely. This is precisely where our customised thermoformed trays come in.

We support development departments in considering packaging, component protection and handling at an early stage – from the initial concept and design through to toolmaking, sampling and series production.

Benefits for your development

- ✓ **Consider packaging at an early stage**
The tray is developed to suit the product, the process and subsequent handling requirements – rather than shortly before the start of series production.
- ✓ **Gain confidence before approval for series production**
Sample parts and pilot runs allow the fit, protective function and handling to be tested at an early stage.
- ✓ **Reduce development effort**
Design, toolmaking, sampling and production are all provided by a single supplier. This reduces the need for coordination and makes modifications easier.
- ✓ **Support closed material loops**
Packaging trays that are no longer required can be taken back and sent for recycling – depending on the material, application and take-back concept.
- ✓ **Use trays for automated processes**
Equipped with centring pins, our trays can be used directly in production cells for automated loading. Where required, the trays can also serve as small load carriers (KLT containers).

Industries including: automotive | glass | cosmetics | plastics | electrical and electronics | food | metal | surface finishing | medical technology | promotional agencies (games and promotional items)



TECHNICAL VERSATILITY FOR CUSTOMISED PACKAGING SOLUTIONS

For special requirements

Different sheet materials and material specifications are available depending on the application. This means that the tray can be adapted not only to the geometry of the product, but also to the relevant technical requirements.

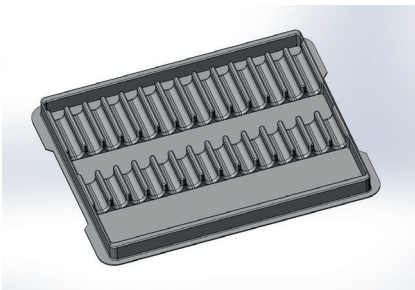
- **Materials:** PS (virgin/reprocessed material), PC, ABS, XPS for food applications or fragile components, PE foam, PVC, PET, PLA, flocked sheets and composite materials (e.g. PS/PE blends, PS co-extruded with PE and laminated sheets)
- **Special versions:** antistatic, electrically conductive (10^3 - 10^{12} Ω), UV-resistant, anti-block, V-0 flame retardancy (PC), heat resistance up to 105°C (ABS)
- **Colours:** standard colours, special colours from 500 kg
- **Processes:** vacuum forming and vacuum-pressure forming
- **Formats:** maximum forming area of 750×550 mm (approx. ¼ pallet), sheet thicknesses 200-2,800 μ m
- **CAD data:** VDA, IGES, STEP

Full-service package

A dedicated contact person will support you from the initial concept through to series production.

- Personal support throughout the entire development and production process
- Custom-fit packaging solutions based on your individual requirements
- Maximum planning certainty through a carefully developed packaging concept
- Early validation using sample parts or a pilot run
- High process and product quality at every stage of the project
- A sustainable material loop through the take-back and recycling of packaging trays that are no longer required

This reduces your coordination effort and gives you the benefit of perfectly aligned processes – from design and toolmaking through to series production.



DO YOU HAVE A CHALLENGE?
YOUR CHALLENGE IS WHAT DRIVES US – CONTACT US

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Subject to changes and errors. The information contained in this document provides only general descriptions of the available technical options and performance characteristics. We would be pleased to provide you with an individual quotation.