Product Safety Sheet - Usage information for consumers

Foldable plastic pallet boxes

Explanation of markings:

Manufacturer details

The manufacturer's information is often found in a specific location, such as on the side or bottom of the product. This can be displayed in the form of a logo, brand name, or an embedded label.

Production batch

You can find the production batch on our plastic products by looking at the injection molding clock. This marking, often found on the bottom or side of the product, provides information about the production year and month. The injection molding clock is a useful tool for determining the exact production date, which is helpful for quality control, warranty claims, or product recalls.

Food safety symbol

Many of our plastic products feature the food safety symbol, which indicates that the product is safe for direct contact with food. This symbol is usually represented by a glass and fork and is typically located in a visible spot, such as the side or bottom of the product. The food safety symbol is important if you want to ensure that the product is suitable for use in the food industry, household applications, or other situations in which the plastic product directly comes in contact with food. This information can also be found in our product datasheets.

Material type

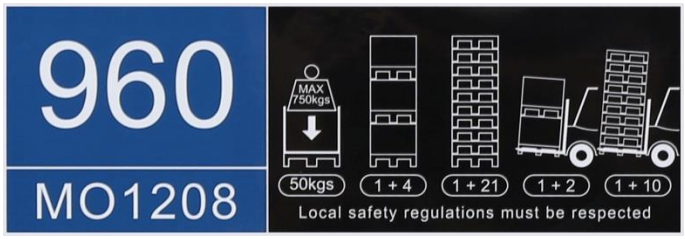
The type of material of our plastic products can be identified by the material symbol on the product, usually found on the bottom or side. This symbol consists of an abbreviation, such as 'PP' (polypropylene), 'HDPE' (high-density polyethylene), 'PVC' (polyvinyl chloride), or 'ABS' (acrylonitrile butadiene styrene), often depicted within a triangle of arrows. This symbol helps you quickly determine the material and suitability for an applications. In addition to the markings on the product, detailed information regarding the type and properties of the plastic material is provided in our product datasheets. This information is essential for making well-informed material selections, particularly when specific properties such as food safety, temperature resistance, or chemical resistance are critical components in the decision-making process.

Product specifications

- **Product datasheet:** Product datasheets can be downloaded from our website or webshop by searching for the product's article number.
- **Dimensions:** The dimensions may vary by up to 2%, either up or down, compared to the specified measurements. Temperature variations may affect the dimensions.
- **Material**: See the product datasheet for details.
- **Recycling**: The product is fully recyclable and should be disposed of in accordance with the applicable local recycling regulations and guidelines.

Load capacity





- **Load capacity:** The stated maximum load capacities apply when the load is evenly distributed and stable, under ambient conditions of 20°C. Do not exceed these maximum load limits.
    - **Maximum loading capacity:** This indicates the load capacity per box with stable, evenly distributed goods placed on a flat surface. Unstable loads may yield different results and should be specifically tested. Foldable pallet boxes are not suitable for liquids.
    - **Maximum static stacking load (Filled):** This is the maximum allowable loads (in kilograms) that can be applied to the box, including its own weight and the weight of the goods placed on top of foldable pallet box.
      In the picture above the *"Maximum static stacking load" is* specified by mentioning the maximum number of filled boxes that can be stacked during storage.
    - **Maximum static stacking height (Folded):** This specifies the maximum number of folded boxes that can be stacked during storage.
    - **Maximum dynamic stacking height (Filled):** This refers to the maximum number of filled boxes that can be stacked during transport with equipment like forklifts.
    - **Maximum dynamic stacking height (Folded):** This is the maximum number of folded boxes that can be stacked during transport using equipment such as forklifts.
- **Temperature resistance**: The indicated temperature resistance applies during prolonged use unless stated otherwise. Long-term use below freezing can cause slight shrinkage of the box. In these cases, the boxes should be checked frequently for their suitability for shelfs and racking in pallet racks. Extreme cold or high temperatures may negatively impact properties like impact resistance, load capacity, and durability. Frequent inspections for cracks or damage are necessary, and damaged products should be taken out of use.

Color and food safety

- **Colors**: Colors are indicated with RAL tones. The specified RAL tones are estimations; colors in plastic may vary slightly from the specified RAL color. Furthermore, color variations may arise due to differences in the raw materials utilized.

- **Food safety**: Products suitable for direct contact with food are marked with a  symbol as described under "Explanation of markings". Ensuring timely cleaning and maintaining hygiene is the responsibility of the user.

Potential risks

- **Material breakage and injury:** Material breakage due to exceeding load capacity or improper use may cause stacked boxes to topple, posing risks from falling objects.
- **Physical strain:** Handling loaded foldable pallet boxes may require physical effort, potentially causing back and muscle strain.
- **Health risks:** There is a risk of pinching fingers or hands during stacking, folding, or setting up hinged walls or drop doors.
- **Overloading**: Foldable pallet boxes have specified load limits in the product datasheets. Do not exceed these limits.
- **Uneven surfaces:** An unstable or uneven surface can cause instability, resulting in falling objects, injuries, and damage.
- **Temperatures during use:** Use the pallet boxes within the specified temperature range in the product datesheets to avoid deformation and breakage.
- **Fire hazard:** Plastic can melt when exposed to open flames or extreme heat, posing a risk of fire and releasing toxic fumes.
- **Inadequate cleaning:** Lack of hygiene may lead to bacterial growth and cross-contamination.

Safety measures

- **Even load distribution**: Ensure goods are evenly distributed in the pallet box to prevent tipping and instability.
- **Operating temperature**: Use within the specified temperature range to prevent damage.
- **Secure lids**: Ensure any lids are correctly and securely attached to avoid spillage during transport.
- **Frequent inspections**: Inspect pallet boxes regularly for cracks, deformations, or wear. Replace damaged products as needed.
- **Usage of protective gloves**: Wear protective gloves when handling damaged products to avoid injury.
- **Careful handling**: Check for damage or cracks before use. Operate hinged parts carefully and keep hands away from openings where hinges interlock. Use foldable plastic pallet boxes cautiously in shelving systems.
- **Transport tools**: Use appropriate equipment such as transport trolleys or hand trucks for safe handling.
- **Avoid overloading**: Adhere to specified load limits and ensure even weight distribution.
- **Frequent cleaning:** Keep plastic pallet boxes clean and well-maintained to prevent food contamination. Remove limescale with a descaling cleaner.
- **Compliance of cleaning products**: Use cleaning and disinfectant products that meet legal requirements and are registered.

For questions or more information, please contact:

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