

Product Safety Sheet - Usage information for consumers

Plastic shelving and racks

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.

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 application. 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 for the decision-making process.


Product specifications

- **Product datasheet:** The product datasheet 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 these dimensions.
- **Material type:** See the product datasheet for details.
- **Recycling:** The product is fully recyclable and should be disposed of according to local recycling guidelines.

Load capacity

- **Maximum load:** The stated maximum load applies to evenly distributed weights. Uneven loads may cause instability or damage.
- **Point loads:** Avoid placing multiple very heavy objects on a single position, as this could result in deformation or breakage.
- **Temperature resistance:** Products can withstand temperatures ranging from -40°C to +80°C but should not exceed these limits.

Color and food safety

- **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.
- **Cleaning and disinfection:** Plastic storage systems should be thoroughly cleaned and disinfected before use.

Potential risks

- **Instability and tipping:** Unevenly distributed loads can cause shelving to become unstable, potentially leading to tipping over and injury.
- **Overloading:** Exceeding the maximum load capacity can result in bended or breaking shelves, leading to falling items and injuries.
- **Improper wall mounting:** Some shelving systems can be wall-mounted for extra stability. Failure to do so may result in instability, particularly with heavy loads.
- **Extreme temperatures:** Prolonged exposure to extreme temperatures (below freezing or above 50°C) may negatively affect properties such as impact resistance and load capacity. Regular inspections for cracks or damage are necessary. Damaged shelves must be taken out of service.
- **Exposure to UV light:** Prolonged exposure to sunlight can negatively affect the product's properties.
- **Physical strain:** Moving mobile racks with heavy loads may require physical effort, potentially causing back or muscle strain.
- **Poor hygiene:** Inadequate cleaning may lead to bacterial growth and cross-contamination.
- **Improper assembly and defects:** Shelves must be correctly assembled according to the provided instructions. Structural defects or improper assembly can cause unexpected movements or instability during use.
- **Uneven surfaces:** Using shelving on uneven or sloped floors can result in instability, leading to falling items, injuries, or damage.

Safety measures

- **Even load distribution:** Ensure the load is evenly distributed to prevent tipping over or instability.
- **Operating temperature:** Use shelving within the temperature range of -40°C to +80°C to avoid deformation and damage.
- **Regular inspection:** Check shelves for cracks, warping, or wear. Replace damaged units as needed.
- **Safety gloves:** When handling damaged shelving, wear protective gloves to avoid injuries.
- **Wall mounting:** Where possible, mount shelving to the wall for additional stability, especially when heavily loaded.
- **Flat surfaces:** Place shelving only on flat, stable surfaces. Use leveling feet if necessary to compensate for uneven floors.
- **Frequent cleaning:** Keep shelving systems clean to avoid contamination. Remove lime scale using appropriate cleaning products.

- **Disinfection:** Disinfect shelving with suitable cleaning products after thorough cleaning and rinsing.
- **Compliance with cleaning standards:** Ensure cleaning agents meet legal standards and are officially registered.
- **Assembly and usage:** Follow assembly instructions strictly. Shelves are intended exclusively for storage use and must not be modified without written approval.

For questions or more information, please contact:

Transoplast BV

(Distributor)

Ulenpasweg 2

7041 GB 's-Heerenberg

The Netherlands

Email: info@transoplast.com

Phone: +31 (0)314-664400