

User information

Usage

Bottles, barrels, canisters, hereinafter, only the products, are designed for packaging and transport of liquids or loose materials. The customer must verify the suitability of product use concerning the contents.

The manufacturer bears no responsibility for an inappropriate use of the product or for incorrect handling of the product and for possible consequences arisen e.g. due to spilling the contents of the product for reason of incorrect use or for reason of damage by incorrect use.

Material Specification, Identification Marking

Products designated for packaging and transport of goods are made of linear polyethylene (HDPE). The identification marking consists of the identification code and the graphical symbol and is located in a suitable place on the product.

Handling

Products designated for packaging and transport of goods must be handled vertically, with the neck upwards, using a blown carrying lug or using handles. The products must not be relocated by shifting on the floor, rolling, turning on the edges or throwing.

Storage

We recommend: Storing empty products and closures in enclosed warehouses protected against direct weather effects, especially direct sunlight, at a temperature of $-20\text{ }^{\circ}\text{C}$ to $+40\text{ }^{\circ}\text{C}$. Put or pack the products into layers, the storage height of which is adequate to the permitted bearing capacity and stability. Transport and store filled products at temperatures of -20 to $+40\text{ }^{\circ}\text{C}$. However, at temperatures below the freezing point, the product contents must remain in the liquid state (must not freeze). Store filled products upright, with the neck upwards. **We do not recommend:** Exposing the products to heat radiation; direct sunlight; storage with organic solvents, where inertness to the product is not guaranteed; direct contact with rubber and rubber products; permanent one-sided load, folding or stacking (except for stackable products); leaning against sharp edges; storing flammable liquids.

Filling

Before filling, the products and closures must be heated to $5\text{ }^{\circ}\text{C}$ to $25\text{ }^{\circ}\text{C}$. If the storage conditions do not meet the recommended temperature, store for at least 12 hours before use in a heated room. Quick heating up, e.g. near a radiator, does not have the expected effect.

The recommended temperature of the filling medium is 15 to $30\text{ }^{\circ}\text{C}$. It is necessary to observe the filling degree and the closing force. Fills, which release gases at certain temperatures and may thus cause overpressure in the product, must be fitted with a special closure for gas venting.

With intact packaging, we guarantee product cleanliness suitable for direct filling with food products.

The filling lines are approximate only.

Cleaning of canisters and vessels in the food-processing mode

First free the canister/vessel from rough dirt using water pressure. Subsequently wash with warm water with regularly sold detergent (e.g. Jar), finally rinse the canister/vessel with warm water to remove the detergent's traces. The maximum recommended temperature for cleaning of canisters/vessels is 70 °C.

Important Information

- So-called regular products – are designed for liquids and loose substances without special packaging requirements. Product KOSH-50 (wide-neck can, volume 50 litres) with a black closure and a transparent sealing insert is designed for packaging **loose** substances (the closure is not sufficiently tight for liquids).
- Products designed for foodstuff contact: (<http://jplast.eu/download/>) in the Declaration of Conformity document, the colour variants of products with an attest for foodstuff contact are stated) - they meet the requirements of the Ordinance of the European Parliament and Council 1935/2004/EC, on materials and objects designated for food contact and the Ordinance of the Commission (EU) 10/2011, on plastic materials and objects designated for food contact, as amended.
Product KOSH-50 (wide-neck can, volume 50 litres) with a black closure and a transparent sealing insert is designed for packaging **loose** substances (the closure is not sufficiently tight for liquid).
- Products designated for packaging and transport of dangerous goods - they have a certificate and permit for UN code designation. This designation states that the product corresponds with the successfully tested design type and fulfils the requirements of international transport regulations for hazardous substances according to ADR, RID, IATA DGR, IMDG CODE, and RTDG. We will provide the certificate to customers upon request.
 - The permitted time of use of plastic bottles, barrels, and canisters for transport of hazardous substances is 5 years from the date of their production, with the exception of a shorter period of use determined for reason of the type of the transported substance (ADR 4.1.1.15).
 - Products KP-5UN, KPHM-10UN, KPHM-20UN, KPHM-KOMBI UN are designed for transport of reserve propellants (they are not designed for their storage).
 - Product KOSH-50 UN (wide-neck can, volume 50 litres) are approved for transport of **hazardous loose** substances (the closure is not sufficiently tight for hazardous liquids).
 - Flammable liquids - transported in refillable vessels filled by private persons or for these private persons must not exceed a total quantity of 60 litres per vessel and 240 litres per one transport unit (ADR point 1.1.3.1). When filling a canister with a flammable liquid, it is necessary to take measures for preventing static electricity build-up.
 - Propellants - in portable vessels, at most 60 litres per one transport unit may be transported (this limitation does not apply to vehicles of emergency services (ADR point 1.1.3.3)).
- Upon the customer's request, we will provide all available data for issuing the **Declaration of Fulfilling the Conditions for Packaging Roll-Out**.