Technical data

WD--06501 MG

Last update: 22.02.2024

	Can without lid	Tapón roscado DSG-01001
Nominal volume [ml]	650,0	-
Brimfull volume [ml]	724,0	-
DIN-volume [ml]	-	724,0
Diameter [mm] **top, outside** **bottom, outside**	108,3 99,2	106,1 109,8
Height [mm]	100,40	Can with lid 105,20
Stacking height when dual stacking [mm]	-	104,10
Raw material	PE	PE
Possibility for decoration	IML	-
Printing area [mm]	316,1 x 78,8	-
Maximum load on lower can [N/kg]	230 / 23	
Suitable for vibrational shaker	sí	
Quantity per pallet [pieces]	1.700	5.520
Dimensions of pallet [mm]	1200 x 800 x 2214	1200 x 800 x 2230

Technical conditions

Edition 2022_10

The correct use of our products is subject to technical conditions. Damage to our products, filling material, filling machines or in logistics can be prevented only if these conditions are complied with. In the event of non-compliance with the technical conditions, we cannot guarantee any technical characteristics of our products, we do not give any warranty and exclude liability towards buyers or users for any damages. This disclaimer includes all damage both to our products and to the filling material as well as consequential damage to other property which can be caused by improper handling of our products. Unless otherwise agreed, our technical data and conditions are an implicit part of delivery contracts. Only the current online version of the technical data and conditions on our homepage is valid. We reserve the right to technical modifications. This data sheet is our property and may not be copied or made accessible to third parties without our consent.

Influence of filling material

Even though raw materials used by us have an excellent chemical compatibility, various chemicals can exert influence on the materials used. Therefore, filling materials can have an adverse effect on the characteristics of our plastic packagings. For example, the mechanical stability of our packages reduces as a consequence of the expanding effect of aggressive media (e.g. solvents). The resistance lists on our homepage can assist in determining the compatibility of possible filling materials with our packages. Since we cannot give any warranty for the compatibility of the container with the corresponding filling material, it is indispensable for the buyer to carry out his/her own storage and transport tests in order to verify the suitability of the container prior to purchasing product series.

Mechanical stability

It is the sole responsibility of the filler and/or distributor to check that our containers have a sufficient mechanical stability for the corresponding application, especially with regard to vibration, storage and transport conditions (transportation by road, rail, sea, air). Therefore, we always recommend to carry out storage, transport and, if applicable, vibration tests with original filling material and original load securing.

Load securing

Our containers are suitable for transport in vertical position and require sufficient load securing. The load securing relates to the complete loading, but in particular to individual load units (e.g. loaded single palettes) on the load floor of the transport vehicle (lorry, railway wagon etc.). Securing of the load units includes securing of the containers on the load carrier (e.g. euro pallet) against shifting, falling over, climbing and protection against humidity, dirt, direct solar radiation, mechanical damage etc. (e.g. by means of a hole-free and crease-free PE shrink film of appropriate thickness and with sufficient undershrinking). Suitable security procedures for load units are described in the VDI guideline 3968. The VDI guidelines 2700 and 2702 contain specifications about stresses during transport.

Storage and further processing conditions

The plastics used by us become brittle due to exposure to UV radiation and/or at low temperatures and soften at high temperatures. Exposure of coloured articles to UV radiation can cause fading of the colour or complete loss of the colour. Therefore, under the influence of UV radiation we cannot guarantee any container characteristics, and a possible suitability of containers for dangerous goods may also be lost. Thus, always avoid direct influence of UV radiation and process our products in a temperature range between 10°C and 30°C. Particularly for as long as our products have low temperatures, rough handling (pushing, hitting, throwing of the packaging units, etc.) should be avoided. Tests with shrink-wrapped pallets have shown that temperature increases within a closed film under normal room conditions by approx. 2.5°C / hour. If our packaging components are stored, for example at -10°C, it is recommended to store them before filling at least 8 hours in a room with normal temperature to reach a packaging component temperature of +10°C. In addition, our products must be stored in a clean, dry place, outdoors storage is not beneficial for our packaging components. If storage is possible only outdoors, special (UV) safety precautions with regard to the transport packaging and/or the containers (e.g. UV stabilizers) must be taken. Please ask us separately for further information. During unpacking, our products must not receive cuts or notches (not only on the surface). Polyolefins tend to break at such locations when load is applied at a later point of time. Therefore, to open transport packagings (stretch films or shrink films, cardboard packaging), use foil cutters or cutting devices which pose no risk of damage to our products and do not use knifes with an open blade.

Suitability for foodstuff

Comprehensive statements about the suitability for foodstuff of our products can be found in our declaration of conformity, which you will receive on request.

Weight

The current article weights are specified on our invoices.

Tolerances

According to technical drawing or for dimensions without tolerance specification according to DIN 13974 (cans) or DIN 16742 (lids).

Tightness

It is your sole responsibility to check the tightness of our containers for the corresponding application.

Barrier properties

It is your sole responsibility to test whether the barrier property of our containers is sufficient for your application. We can adjust barrier properties, if required. We cannot make general statements about the suitability of barrier properties of our containers.

Use and application

Our products are developed and manufactured as one-way packagings. Therefore, container characteristics are achieved only during first filling. For handling filled containers, observe the legal regulations (load handling regulation, accident prevention regulations). In case of refilling, we exclude any warranty and claims for damages.

Containers made from external reclaims (recycled material) may have limited technical properties compared to virgin products. Their suitability for specific applications must be tested and verified by regular own tests. No warranty is given for containers made from external reclaims (recycled material).

Storage life

Unless otherwise specified, our products, with the exception of packages for hazardous goods, must be processed within 12 months after they have been manufactured. German law prescribes that packages for hazardous goods can be used for a period of up to 5 years from date of manufacture, unless a shorter period of use due to the type of the substance to be transported is prescribed.

Irrespective of this, a package showing any signs of damage or reduced strength must not be used.

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