
HILDERING PACKAGING

TIN CAN SPECIALIST



Pails

Pails



Pails are all tinplate packaging with a capacity of 10 to 30 litre. Within this category there is a distinction between the various diameters. The 286 mm, 305 mm and 328 mm diameters are the most common. The height of the pail in combination with the diameter determines the container's capacity. All pails are constructed out of tinned plate steel. Pails always have a handle because of their large size, and conical in shape.



Closings

Lids for mechanical closing are fitted to the tin by means of a pneumatic closing machine. Pails that are closed by hand are closed with a lid and a latch ring. When filling at higher speeds and in larger numbers, logistically this is not the most optimal solution. The machine closing (also cheaper because of one less part, namely the latch ring) then can be carried out at much higher speeds.

For the end user, a lug lid is more difficult to open. Every lip has to be bent in order to remove the lid from the pail. Airtight reclosing is possible in a lid/latch ring combination but is not possible with a lug lid. The filling speed and the type of user market determine the choice for the type of closing.



The manually closing lid/latch ring combination as well as the lug lid are available in heavier and less heavy UN or RID/ADR certifications. We have the right solution for solid as well as liquid filling goods and the UN certificate. The lid can also be fitted with an additional filling aperture.



Coating

The pails are available either internally coated or plain. We can supply an external body in plain or white as standard.

Because of the UN certification, these tin containers are perfectly suited for the transport of paints and lacquers which fall under the Carriage of Dangerous Goods Act. Industrial lacquers, marine coatings and chemicals are often packaged in this UN certified tinplate packaging. The removable lid and the large opening also makes the pail an ideal container for the mixing of various components.

The large opening at the top also allows you to easily work with a roller or pump, directly from the packaging.

The terrace of the lid is deepened, which allows filled tinplate containers to be stably stacked onto a pallet.

The colour mixing system requires easy opening and closing of the containers. The pails with a mechanically closed lid can only be used for this purpose if a filling aperture has been fitted in the lid.



Transport and storage

When the tinplate containers are empty they can be stacked on top of each other perfectly and many can be stacked on one pallet on which the empty tin containers can rest and it enables the containers to be stacked together. Therefore the tin containers are easy to remove from the stack. It also adds sturdiness to the body. Because of the large sizes, pails always have a handle, which allows them to be easily lifted.

Emptying

The big advantage of the conical shape is that the container can be fully, quickly and easily emptied. The filling good can run out of the paint tins perfectly. This means that the end user can process more square meters with your filling good and less filling good stays behind in the empty container. This keeps the chemical waste to a minimum. So it is an environmentally friendly solution.

The pails have a removable lid, which can be closed by hand (with or without an intermediate ring) or by machine (with a lug lid ring or lid with pre-fitted ring).



Printing

Certain types of pails can now also be printed in a smaller number using digital printing. You can find more information in our brochure about the Hildering COLORCAN. Naturally, all types can be offset .

The protection of the outside of the container can also be realised by adding a Protact® laminated protective layer, or by using a gold lacquer.

Specifications

Pails are available in 3 diameters:

Diameter 286 mm - capacity from 11 litre up to 28 litre

- internal coating possible
- with handle
- offset (and in the near future) digital printing
- UN Y Liquid or Solids Certification
- or Rid/Adr certification
- closing by machine (lug lid) or by hand (lid/latch ring)

Diameter 305 mm: lug lid/ring - capacity from 15 litre up to 28 litre

- internal coating possible
- with handle
- offset printing
- UN Y Liquid Certification
- closing by machine (lug lid ring) or by hand (lid/latch ring)

Diameter 328 mm - capacity from 22 litre up to 32 litre

- internal coating possible
- with 2 handles on body
- offset printing
- UN Y Liquid Certification
- manual (lid/latch ring)

Because we cannot provide exhaustive information, we refer you to our dynamic search engine on our website where you can find the most recent and most extensive information. www.hildering.com under Packaging finder.