
HILDERING PACKAGING

TIN CAN SPECIALIST



Rectangular liquid tinplate packaging

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Liquid containers have a filling aperture in the flat top of the container. The tinplate containers are suitable for liquid filling goods with a low viscosity such as solvents, thinners, wood-stains and cleaning products. The liquid containers are also very suitable for the transport and storage of hazardous materials. They are often UN certified.

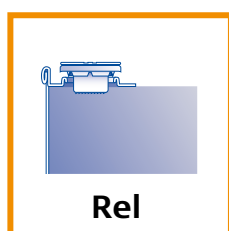
Liquid containers are available in round (for more information see our brochure on round liquid containers) and rectangular designs. Internally coated liquid containers are not common but are available. We have a certain range in stock as standard but the majority consists of internally plain liquid containers.

Assortment

We have a wide range of rectangular liquid containers. Various measures are usually available per capacity. The aperture can vary in diameter. The combination of aperture and the type of cap partially determine the UN certification. Rectangular liquid tinplate packaging is available from 125 ml up to 30 litre. The liquid containers are fitted with a wire handle from 2.5 litre (plastic or metal) in order to make pouring and carrying easier.

In various sizes, the bottom is 'necked in', which allows the product to be stacked. The rectangular shape also allows for an optimal load per pallet. This is a particular advantage for export.

The ground measurements (length x width) in combination with the height determine the content sizes. Most standard ground sizes are included in the table. Rectangular liquid tinplate packaging is already available in a UN certified version from 250 ml sizes. Especially in the sizes 1 litre up to 10 litre rectangular liquid tin containers are used far more frequently than round containers.



Screw top and closings

There are in fact 2 types of closings: by plastic cap or by metal cap. Plastic caps are available in many varieties and several colours. The caps can be fully made out of plastic, or can be manufactured in combination with an aluminium seal. The aperture can be DIN or REL. The difference is that in REL the gap opening is bent outwards. This type of screw top was developed to make it easier to empty the container (the screw top protrudes). Currently REL is the most common filling aperture.

Plastic caps can be either of the extractable (bellow seals) type or a screw top. Bellow seals disappear inside the container and are pulled out and fitted with a pouring spout. These tops improve the stackability of the liquid containers. Screw tops are often combined with a Child Safety Certificate and are frequently used in consumer markets.



All types of plastic lids are suitable to reseal the container after opening and they can easily be applied by hand. At high filling speeds and high numbers of units, the plastic caps are sometimes applied by machine. There is a special cap pusher for medium large charges.



Metal screw top

Metal screw tops are used in particular for aggressive filling goods which are not suitable for use with plastic closings. The metal screw top is also often used in laboratory settings. The caps are easy to process by hand and are easy to reclose.



Printing

Rectangular tinplate packaging is generally labelled by applying labels at the front and the back side of the container. This consists of 2 actions. This means the decoration of this type of tinplate packaging is a very important consideration particularly when it concerns a consumer product. Because of the rectangular shape the flat surface is always visible on the shelf. The surface for label or print is ideally suited for optimal communication. Offset printing is a very good solution to communicate with ease on the 4 sides of the container. The minimal order quantity is available upon request. Digital printing of smaller batches (from 2 pallets) is currently only possible for the smaller sizes. More information in our brochure Hildering COLORCAN.



Protecting outside

When filling goods are stored and processed in a damp environment, an extra layer of lacquer on the outside of the tinplate packaging is recommended. We can apply a transparent or gold lacquer to the vulnerable parts (bottom and top), so any oxidation can be prevented.

Markets

Rectangular tinplate packaging is most commonly used to package Car Refinish products, solvents, wood protection products, solubles and liquid chemical products. When a product has to be coloured, this type of tinplate packaging is less suitable because of the small aperture, than the tinplate packaging with a removable lid.

Specifications

The ground measurements (length x width) are the most important factors for rectangular tinplate packaging. We have various measurements for a number of capacities, tailored to the requirements of the local market. We indicate the options in the overview below. We refer you to our website for the exact measurements.

Small rectangular liquid tinplate packaging wire handle

- 125 ml - 250 ml - 500 ml

- screw top 24 mm REL
- plastic caps in different colours and of different designs
- UN certification available from 250 ml
- internal coating possible
- offset printing available (digital printing in preparation for 250 ml and 500 ml)
- TDW sign available

- 500 ml - 1 litre

- screw top 32 mm or 42 mm REL
- plastic caps in different colours and of different designs
- UN certification available
- internal coating possible
- offset printing and digital printing possible
- TDW sign available

Large sizes with plastic and metal wire handle

- 2 litre - 2,5 litre - 3,78 litre - 5 litre - 6 litre - 10 litre - 12 litre

- screw top 42 mm REL and DIN
- plastic caps in different colours and of different designs
- UN certification available
- internal coating possible
- offset printing possible
- TDW sign available
- ground size 164 x 125 mm and 231 x 151 mm are stackable

Large sizes with metal wire handle

- 20 litre - 25 litre - 30 litre

- screw top 57 mm REL and DIN
- plastic caps in different colours and of different designs
- UN certification
- internal coating possible
- offset printing possible
- TDW sign available
- all ground sizes are stackable

Rectangular tinplate packaging with metal screw top

- 1 litre - 2,5 litre - 5 litre - 10 litre

- metal screw top 38 mm with aluminium inlay and polyplug
- (fixed) metal handle
- UN certification
- offset printing possible
- not stackable

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.