

## Packaging - Specification

### ECOBULK / GREEN-LAYER

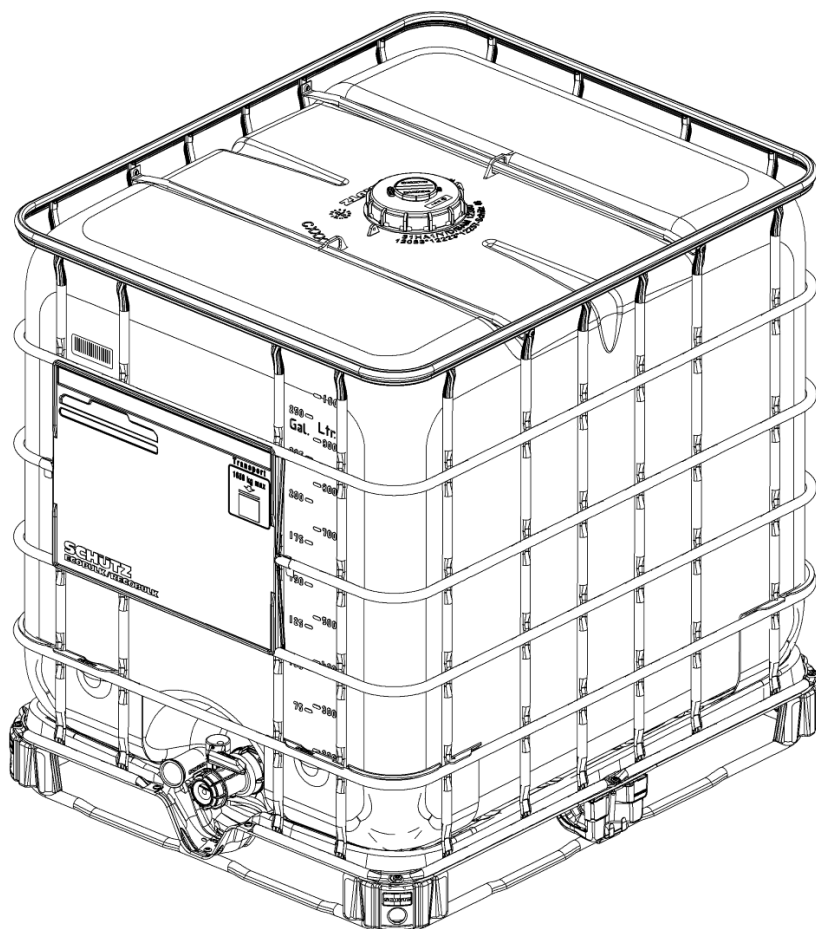


Transportcontainer ECOBULK 1000 ltr.  
MX1000 1,6 GREEN LAYER Nat/150R TP 2"Plug w/presspart 15HF  
int.Bfly 50 00 Met 3PCA/Steel frame  
2-Plt LG:LG

SCHÜTZ GmbH & Co. KGaA  
Schützstraße 12  
D 56242 Selters / Germany

Article-No. 4046767

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This picture is for illustration purpose only and does not necessarily correspond to the specified product.

#### Weights and measures

|                     |          |                |
|---------------------|----------|----------------|
| Nominal Capacity    | 1.000 l  | 275 gal US     |
| Brimful Capacity    | 1,060 l  | 280.027 gal US |
| Length              | 1,200 mm | 47.240 in      |
| Width               | 1,000 mm | 39.370 in      |
| Height with pallet  | 1,160 mm | 45.670 in      |
| Weight total approx | 54.9 kg  | 121.1 lbs US   |

#### Pallet

|                |                          |
|----------------|--------------------------|
| Pallet type    | Steel-framepallet, zincd |
| Opening height | min. 90mm, 4-way entry   |

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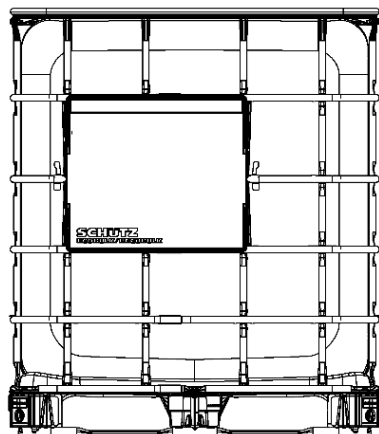
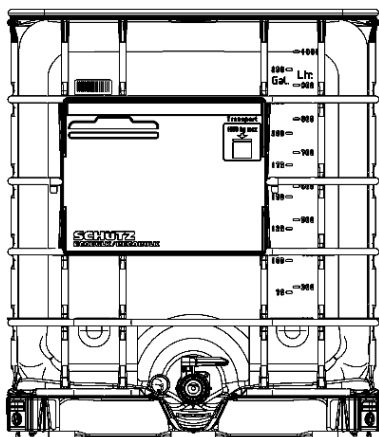
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### Outer container

|                        |                                     |
|------------------------|-------------------------------------|
| Grid                   | Steel, galvanized                   |
| Bottom plate           | Steel, galvanized                   |
| Label plate            | large - 6 field, with Schütz-Ticket |
| additional label plate | back side - standard                |



### Inner container

Rectangular blow molded tank of high density polyethylene  
Container PE-HD, natural

### Filling opening

|               |                        |
|---------------|------------------------|
| Screw cap     | DN150 / 6", PE-HD, red |
| O-ring gasket | TPE                    |
| Sealing-cap   | red                    |



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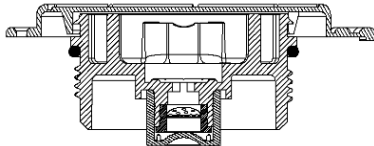
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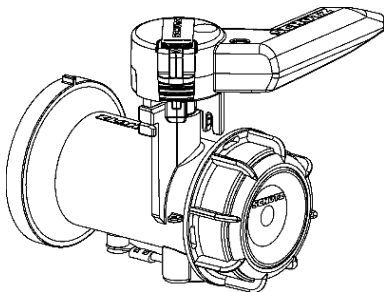
Plug

G2"plug with Presspart 15-HF



#### Discharge opening

|                           |                                |
|---------------------------|--------------------------------|
| Outlet valve              | integr.butterfly-valve DN50/2" |
| Case                      | PE-HD                          |
| Connection thread         | metric                         |
| Flap gasket / Ball gasket | PP                             |
| Handle color              | blue, Handle protection        |
| Screw cap                 | PE-HD                          |
| Screw cap gasket          | PE, foamed                     |
| Screw cap color           | black                          |
| Outlet nozzle             | PE-HD                          |



#### Features

#### UN-Marking

UN\_31HA1W/Y/MM YY/D/BAM15661-SCHÜTZ#/4056/1723/1060L/54KG/100KPA

#### Heavy metals

Concentration level of heavy metals (Pb, Cd, Cr VI and Hg) in packaging does not exceed 100 ppm

#### Delivery

Ready for filling. The customer or filler is responsible for testing the material compatibility of the filling material with the packaging

This specification is written and provided in accordance with the current version of the SCHÜTZ "Quality Management Standard for Supplies of Packaging Materials" which you can read by following this link:  
[www.schuetz.net/qmstandard](http://www.schuetz.net/qmstandard)

The maximum filling temperature depends on the respective filling product (specific heat capacity), but must not exceed 70° C (158° F) for HDPE packaging and 60° C (140° F) for LDPE packaging with an integrated inliner. Deformation such as sink and marks or wrinkling around edges and corners can be caused by temperature and pressure differences during filling, transport, storage or depending on the vapour pressure of the filling product. To

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exclude these kinds of deformations, we recommend the use of an aeration and deaeration system suitable for the specific application.

Proportion of recyclate in the bottle: min. 30%; recyclate used in the middle layer; the inner layer (product contact) and outer layer are made of virgin material.

IBCs have been developed and constructed for the transport and storage of filling products in a single use operation. After the initial opening of the outlet valve the container should be emptied as quickly and with as few intervals as possible. The inner bottle and other components such as outlet valves, screw caps and the related gaskets could be worn by multiple use, depending on the filling product, type and duration of application. For multiple use of the IBCs, a professional reconditioning service including quality, functional and leak testing of all related parts is required after every use.