

# Packaging - Specification

## ECOBULK / FOODCERT

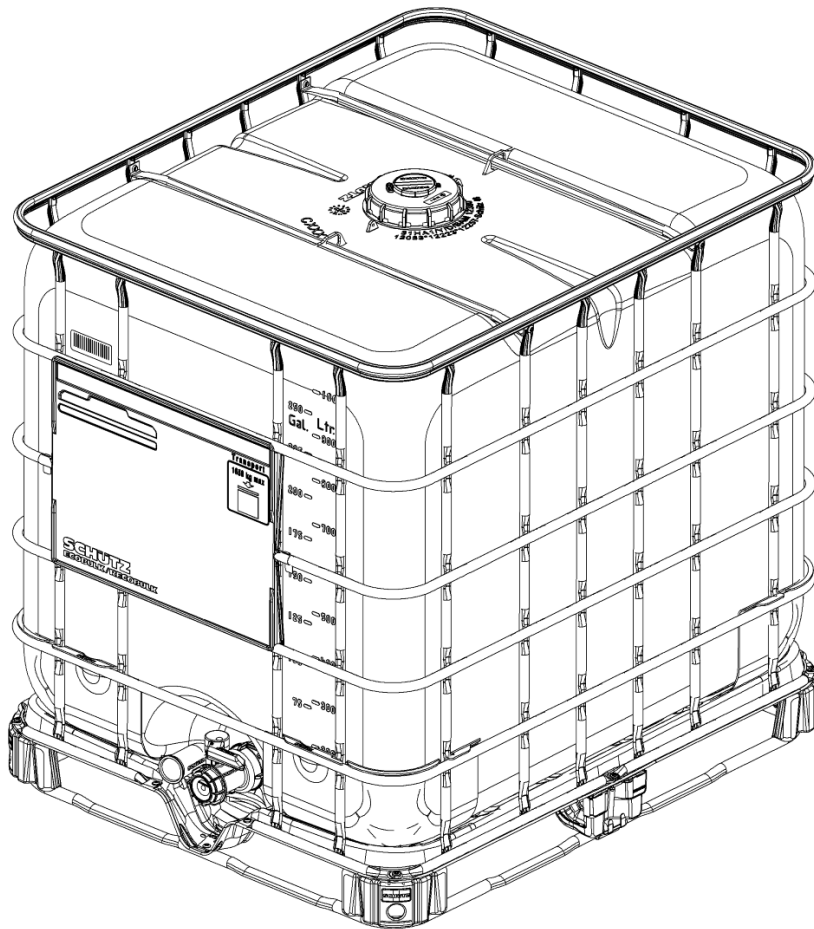
# SCHÜTZ

Transportcontainer ECOBULK 1000 ltr.  
MX1000 Std FSSC Nat/150B TP  
Bfly 50 00 Met 3PCA/Steel frame  
1-Plt SM/TI

Schütz Container Systems Pty Ltd.  
Industrial Packaging  
PO Box 38  
SOUTH FREMANTLE WA 6162

Article-No. 4041970

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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
Total weight approx.	51.7 kg	114.0 lbs US

### Pallet

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

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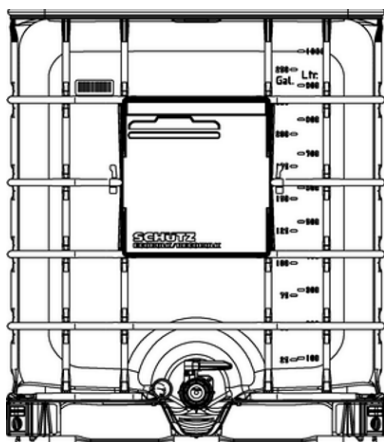
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### Outer container

Grid	Steel, galvanized
Bottom plate	Steel, galvanized
Label plate	small - 4 field, with Schütz-Ticket

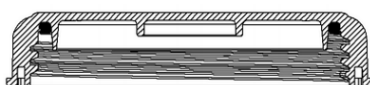


### Inner container

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

### Filling opening

Screw cap	DN150 / 6", PE-HD, green
O-ring gasket	TPE



Plug	without Plug
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### Discharge opening

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

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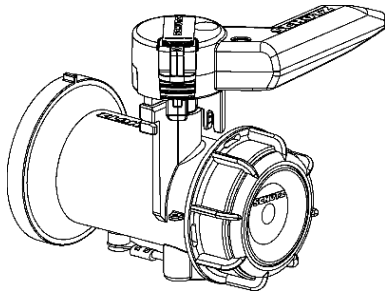
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**Features**

**Directive**

Food safety according to FSSC 22000 + declaration of conformity

**Production**

According to the FOODCERT process description (PDF Annexe 1)

**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 produced and delivered according to the current status of the SCHÜTZ "Quality Management Standard for the Supply of Packaging Products" which can be viewed under the following link:

[www.schuetz.net/qmstandard](http://www.schuetz.net/qmstandard)

According to FSSC 22000, SCHÜTZ wishes to point out that the products are labelled as packaging for food contact in accordance with the internationally valid regulations of Regulations (EC) No. 1935/2004, (EC) No. 10/2011 and those of the "Code of Federal Regulation Title 21 § 177.1520, 177.2600 and 178.3297 of the Food and Drug Administration".

In case local legal regulations require any additional labelling or labelling that differs, it is the responsibility of the CUSTOMER to ensure compliance.

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### Material of components that come into contact with the filling good:

- HDPE, food-safe
- Food-safe seals and dyes
- Free of silicones

### Product:

- FOODCERT label (FSSC+FDA) + design
- Certificate of conformity
  - Migration tests/certificates
- Halal & kosher certification

### Process:

Food Safety System Certification (FSSC) is an internationally recognised standard of the Global Food Safety Initiative (GFSI) that applies throughout the entire supply chain. In the packaging industry, FSSC combines the ISO 22000:2005 and ISO/TS 22002-4 standards, thereby establishing a new standard of food safety which applies to the entire packaging production process.

### Overarching measures

- Annual audit in compliance with FSSC 22000 conducted by Lloyd's Register Quality Assurance (LRQA)
- Annual internal audit programme for ensuring conformity with FSSC
- Annual management review in which the management sets new FSSC measures and targets
- Annual verification programme to ensure that food safety is maintained by qualified personnel, including the duty to produce evidence of conformity with the appropriate European and international legislation
- Appointment of an expert as a food safety consultant
- Appointment of a food safety team with the following duties:
  - Regular, risk-based verification of production processes and products
  - Verification of oPRPs, PRPs and other food-relevant measures (see below)
  - Regular inspections to verify conformity with the current legal requirements
  - Interdisciplinary analysis and documentation of verification results

### Measures in conformity with DIN EN ISO 22000:2005 – management systems for food safety requirements to be met by every organisation in the food chain

- Risk management based on Hazard Analysis and Critical Control Points (HACCP) – principles of risk analysis and ensuring sound production practices with the focus on guaranteeing the safety of foods and consumers
- Change control and continuous improvement process: interactive communication and cooperation between the customer, the competent authorities and SCHÜTZ for customised risk evaluation and needs assessment:
  - Identification, steering and documentation of health issues and clarification of end product requirements in order to eliminate health risks to the end consumer
  - Duty to warn of any potential health risk (if known)
- Traceability system and recall management:
  - Batch traceability of materials back to the raw material supplier, including internal and external process data (e.g. order number, production data, details of delivery to customer)
  - Internal and external process data make the specific recall of individual production batches possible
  - Traceability exercise – regular, realistic traceability test
  - Mock recall – regular, realistic recall test
- Just-in-time production based on individual orders from customers
- Immediate sealing of the IBC with an original cap
- Transfer of the inner bottle straight to final assembly

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- Components (screw caps, valves) specially packed and stored in small quantities prior to assembly
- Visual final inspection
- Storage of finished products under roof

**Operational prevention programmes (oPRPs) arising from the internal risk analysis of potential sources of contamination or the spread of health risks**

- oPRP for incoming plastic materials (check on seal and raw material parameter compliance, inspection of the truck/the truck's cleanliness certificate and the driver's PPE)
- oPRP for water bath (regular maintenance of air filters and water change/cleaning of water bath)
- oPRP for blow air (regular maintenance of microfilters, PU seals and compressor)

**Prevention programmes (PRPs) and other measures for the production of food packaging in conformity with ISO 22002-4**

- Regular microbiological tests and hygiene monitoring of surfaces in those processes of particular relevance to food (gloves, components that come into contact with products, surfaces of the inner bottle, water bath, room air)
- Food defence - product safety and bioterrorism
  - Regular training and screening with regard to sabotage, vandalism and terrorism
  - Measures: access controls, staff screening, document/data management, safety in warehouses and production units, distribution and transport, reliable inspection of incoming goods, AEO + C-TPAT
- Detailed hygiene regulations for employees (clean gloves and clothing, hairnets, personal hygiene only with approved toiletries, no jewellery, no work permit when sick, work and leisure clothes kept apart in separate locker compartments)
- Detailed hygiene regulations for the production environment (cleaning instructions and rotas)
- Foreign bodies/dust (enclosed production shops, covered areas)
- Glass breakage management (inspections ensure that all glass and hard plastic parts, eg protective coverings, are intact)
- Blade management (inspections ensure that all blades are present and intact)
- Coordinated and reduced maintenance and repair intervals (systems approved for operation following maintenance)
- Comprehensive pest control (monitoring system, fly traps, waste management)
- Chemicals (controlled use of all chemical substances)

+

- No water bath inspection\*
- No differential pressure test\*
- Drawing oil removed from steel parts\*
- Additional sealing of screw cap and/or valve\*
- Other accessories individually packed and separately stored\*
- Protective cover for transport\*
- Customer-specific labelling of packaging\*
- Customer-specific delivery instructions\*
- Storage of finished products in sealed rooms\*
- Direct loading\*

\*optional

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### Silicones / PWIS in IBCs and PE drums from the FOODCERT & CLEANCERT product lines

Schütz GmbH & Co. KGaA hereby certifies that parts that are in contact with the filling product are free of silicones and fluorinated compounds that are capable of migration, and surfactants. This applies in the same manner for liquid, pasty, and solid materials that may release silicones, fluorinated compounds, or surfactants. These include, for example, oils, fats, protective agents, lubricants, textile auxiliaries, plastics-processing auxiliaries, hairsprays, hammer-finish paint, anti-corrosive agents, sealants, permanently lubricated sintered components, each containing silicone. It is particularly important to avoid materials based on fluorinated oils, fats or waxes, and low-molecular constituents of fluorinated polymers that are capable of migration.

In order to minimize the risk of ubiquitous traces of the substances mentioned above during the production process of FOODCERT and CLEANCERT products, up to the point when the products are loaded for dispatch special SCHÜTZ preventive programmes apply to the product lines FOODCERT and CLEANCERT to avoid the active introduction of PWIS (paint wetting impairment substances) into the production sites. These include the following measures:

- Supplier guidelines including an exclusion note for silicones and PWIS in the supplied products and services
- Contractor guideline for the exclusion of silicones and PWIS when working at a SCHÜTZ site
- Supplier questionnaire for the exclusion of silicones and PWIS in supplier processes for the production of SCHÜTZ components
- If appropriate, supplier audits to verify that no silicones and PWIS are used in relevant supplier processes
- HACCP risk management programme at SCHÜTZ including silicones and PWIS
- "Personal hygiene" preventive programme
- BASF sample shake test on the majority of products and working materials (e.g. gloves) to confirm the absence of silicones
- Sample paint tests according to VDMA 24364 on critical products and working materials to confirm the absence of PWIS

Please note that as the name implies, all of the above mentioned actions are "risk minimization activities". As such, these activities reduce the risk of silicones and PWIS contamination to a minimum, but do not guarantee a 100% exclusion. A detailed description of all additional preventive measures for our product lines FOODCERT and CLEANCERT can be found in the respective specifications.

Schütz GmbH & Co. KGaA  
56242 Selters  
Germany

**PLEASE NOTE:**

The information in this confirmation is based on our current knowledge and experience. They do not exempt users of our packaging systems from carrying out their own tests. This statement does not constitute a legally binding assurance. The customer is responsible for ensuring compliance with existing laws and regulations.