

Packaging - Specification ECOBULK

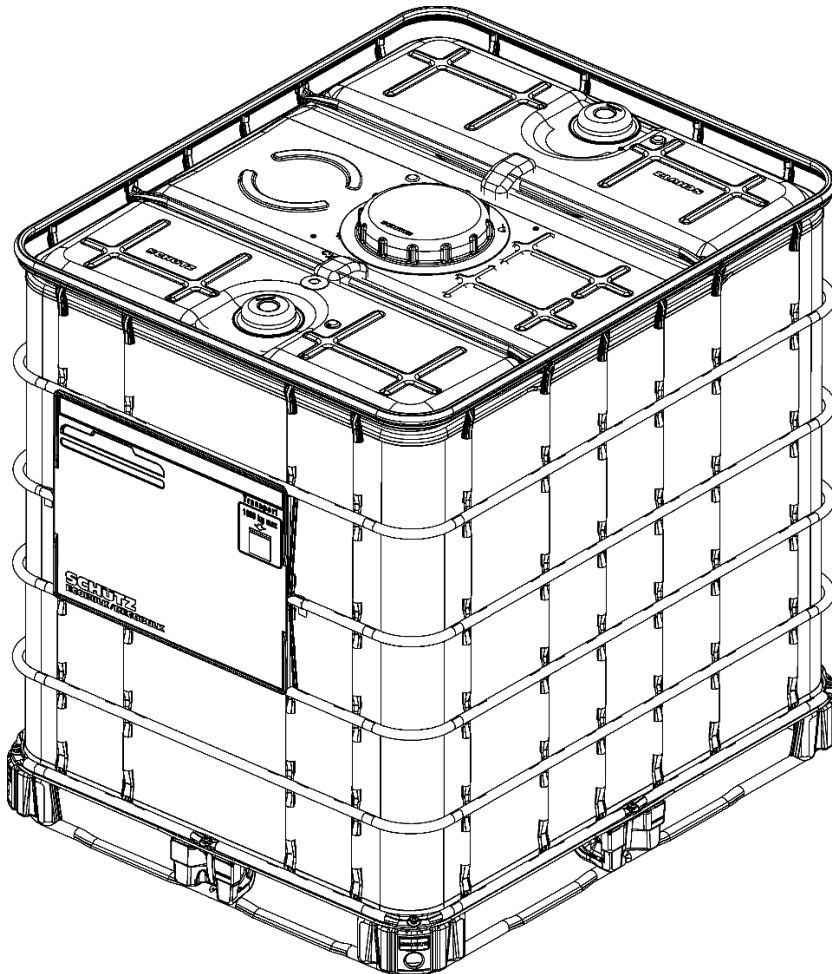


Transportcontainer ECOBULK 1000 ltr.
SXD1000 UN Ex 150R TP
front G2x5 w/ SW-EX-ESY, back S56x4 plug
Steel frame / 2-Plt LG:LG/TI

Schütz GmbH & Co. KGaA
Schützstrasse 12
D-56242 SELTERS / WESTERWALD

Article-No. 4035267

Date Jan 12, 2021
Page 1 / 3



SICHERHEITSHINWEISE
IBC für den Einsatz in explosionsgefährdeten Bereichen
der Zonen 1 und 2, gegen elektrostatische Zündgefahren
geschützt nach Regelwerk:
IEC TS 60079-32-1:2013 und TRGS 727:2016
Der IBC darf verwendet werden für:
- nicht brennbare Flüssigkeiten oder
- brennbare Flüssigkeiten der Explosionsgruppe
IIA (gem. IEC 60079-20-1) oder
- brennbare Flüssigkeiten der Explosionsgruppe IIB,
welche eine Mindestzündenergie von 0,2 mJ oder
mehr haben.
Der IBC darf nicht in explosionsgefährdeten Bereichen
verwendet werden, die durch die Explosionsgruppe IC oder
verursacht durch Stoffe mit einer Mindestzündenergie von
weniger als 0,2 mJ eingestuft werden.
Während des Befüllens und Entleerens muss der IBC geerdet
sein.
Der IBC darf ohne Schutzmaßnahmen nicht als Rühr-,
Misch-, Reaktions-, Absatz- oder Sammelbehälter verwendet
werden. Der IBC sollte nicht direkt nach dem Reinigen
wiederbefüllt werden.

SAFETY INSTRUCTIONS
IBCs for use in hazardous areas classified as
zones 1 and 2, protected against electrostatic
ignition hazards according to following regulations:
IEC TS 60079-32-1:2013 and TRGS 727:2016
The IBC may be used for:
- non-flammable liquids or
- flammable liquids of explosion group IIA
(acc. to IEC 60079-20-1) or
- flammable liquids of explosion group IIB with
a minimum ignition energy of 0.2 mJ or more.
The IBC shall not be used in explosion endangered
areas resulting from substances of explosion group IC
or from substances with a minimum ignition energy of
less than 0.2 mJ.
During filling and emptying operations the IBC has to be
earthed.
The IBC shall not be used as collecting tank, reactor,
batching tank or for stirring and mixing operations without
preventive measures.
The IBC should not be filled immediately after cleaning.

EX
PROTECTION

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	1.050 l	277,386 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.	77,0 kg	169,7 lbs US

Pallet

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

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ECOBULK



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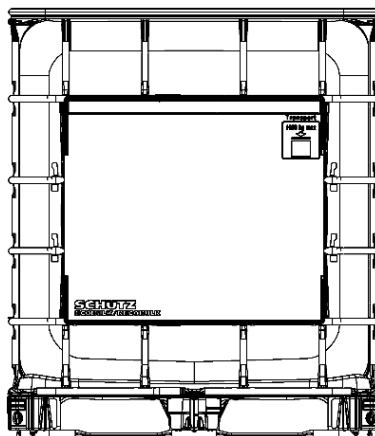
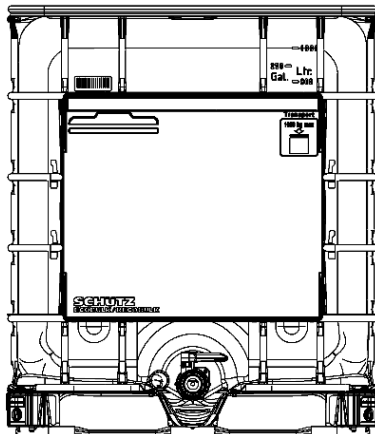
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Page 2 / 3

Outer container

Grid	Steel, galvanized
Bottom plate	Steel, galvanized
Steel coat / Top lid	Steel, galvanized
Label plate	XXL - 12 field, with Schütz-Ticket
additional label plate	back side XXL - 12 field

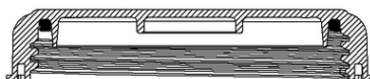


Inner container

Rectangular blow molded tank of high density polyethylene	
Container	PE-HD, natural
Top discharge	DipTube SCHUETZ-EX, G2x5 (2.5" Buttress), S56x4

Filling opening

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



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Page 3 / 3

Plug without Plug

Discharge opening
without

Features
fire resistance acc. NFPA 30

Certification for EX zones
Certified for EX zones 1 and 2 according IEC TS 60079-32-1 and TRGS 727.

UN-Marking
UN_31HA1/Y/MM YY/D/BAM15072-SCHÜTZ#/4056/2030/1050L/75KG/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 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

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. Failure to observe these limits may result in molecular changes in the PE, causing deformation such as sink marks or wrinkles around the edges and corners. Deformation (vacuum or expansion) can also be caused by temperature and pressure variations during filling, transport, storage or the vapour pressure curve of the filling product. In order to avoid this deformation risk, we recommend using a ventilation system suitable for the specific application.