

Packaging - Specification ECOBULK

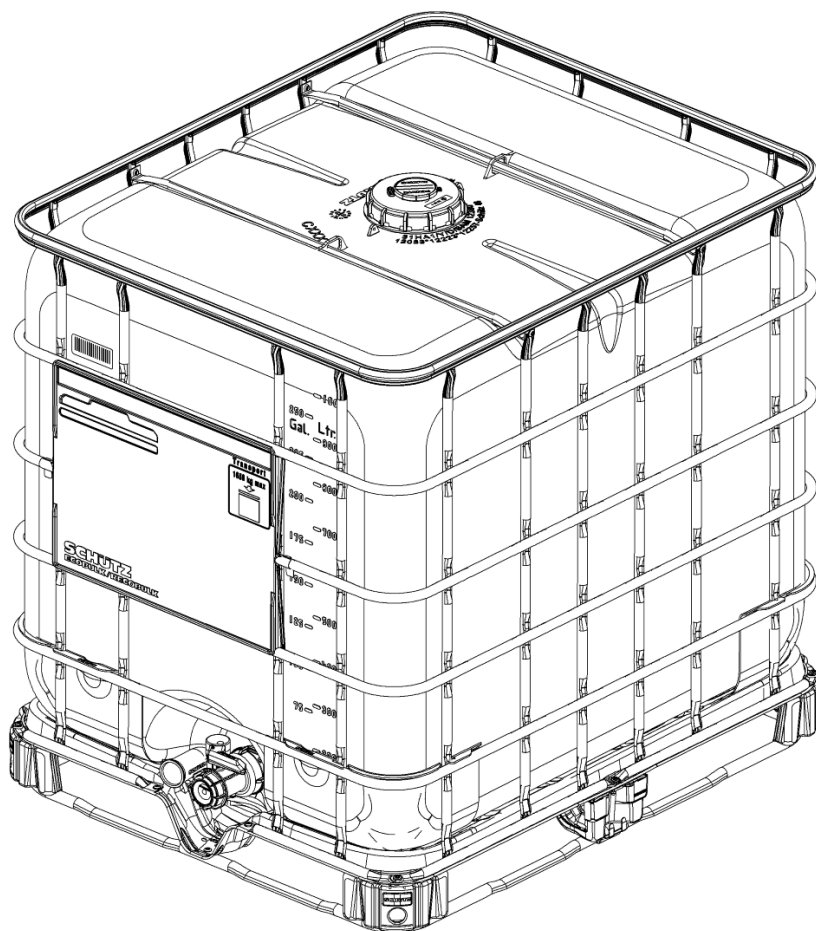
SCHÜTZ

Transportcontainer ECOBULK 1000 ltr.
MX1000 UN Ex EVOH Nat/150R TP 2"ET15HF
Bfly 50 VI Met 3PCA/Steel Frame
2-Pit LG:LG

SCHÜTZ Australia Pty Ltd.
Industrial Packaging
PO Box 278
LAVERTON NORTH VIC 3025

Article-No. 4018060

Date Apr 13, 2021
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SICHERHEITSHINWEISE	SAFETY INSTRUCTIONS
<p>IBC für den Einsatz in explosionsgefährdeten Bereichen der Zonen 1 und 2, gegen elektrostatische Zündgefahr geschützt nach Regelwerk: IEC TS 60079-32-1:2013 und TRGS 727:2016</p> <p>Der IBC darf verwendet werden für:</p> <ul style="list-style-type: none"> - 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. <p>Der IBC darf nicht in explosionsgefährdeten Bereichen verursacht durch Stoffe der Explosionsgruppe IC oder verursacht durch Stoffe mit einer Mindestzündenergie von weniger als 0,2 mJ eingesetzt werden.</p> <p>Während des Befüllens und Entleerens muss der IBC geerdet sein.</p> <p>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.</p>	<p>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</p> <p>The IBC may be used for:</p> <ul style="list-style-type: none"> - 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. <p>The IBC shall not be used in explosion endgangered areas resulting from substances of explosion group IC or from substances with a minimum ignition energy of less than 0,2 mJ.</p> <p>During filling and emptying operations the IBC has to be earthed.</p> <p>The IBC shall not be used as collecting tank, reactor, batching tank or for stirring and mixing operations without preventive measures.</p> <p>The IBC should not be filled immediately after cleaning.</p>

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.	55,2 kg	121,7 lbs US

Pallet

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

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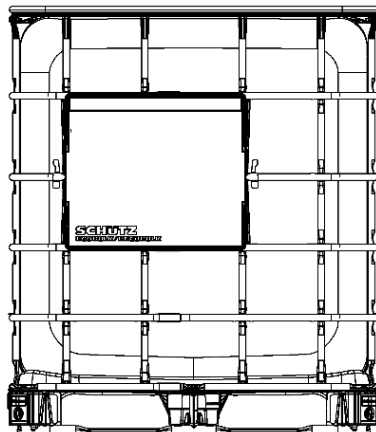
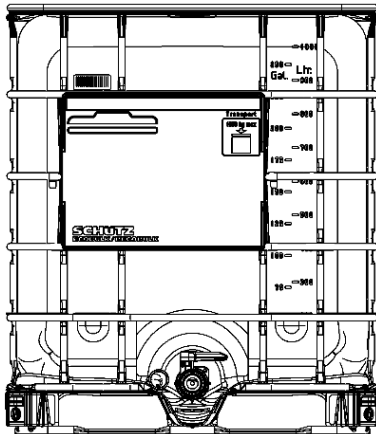
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Outer container

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
Permeation barrier	EVOH barrier

Filling opening

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



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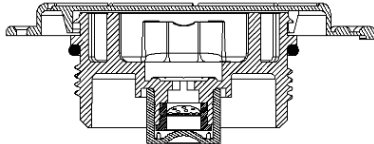
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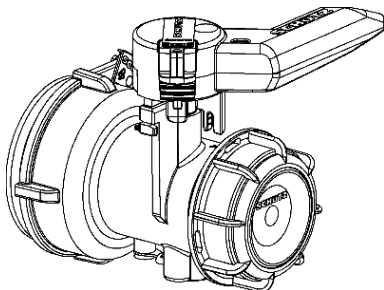
Plug

G2"plug w/presspart 15-HF



Discharge opening

Outlet valve	scr. butterfly-valve DN50/2"
Case	PE-HD
Connection thread	metric
Flap gasket / Ball gasket	PP
Flange gasket	FKM
Handle color	grey, Handle protection
Screw cap	PE-HD
Screw cap gasket	PE, foamed
Screw cap color	black
Outlet nozzle	PE-HD
Grounding sheet	Stainless steel (V4A)



Features

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/L/SNCH/17B005/SCHÜTZ#/4056/1724/1060L/56KG/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

Packaging - Specification
ECOBULK



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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. The SCHÜTZ Technical Customer Service will be happy to recommend a suitable system for your application.