



The Pensteel Range of Composite IBCs

The Schütz Ecobulk MX Container



Pensteel Limited

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*MX*

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### The Schütz Ecobulk MX Container

#### Full description:

##### Inner container:

- High molecular weight, high density polyethylene (HMWHDPE), extrusion blow moulded, especially shaped to ensure complete discharge of contents.

##### Outer container:

- Rigid, welded galvanised tubular steel grid with a large permanently fixed identification plate and SCHUTZ RECYCLING TICKET pocket.

##### Moulded bottom shell:

- Pressed galvanised steel base shaped to support the inner container and assist total drainage.

##### Pallets:

- Steel, timber or plastic pallet (HDPE recycled material) 4 way entry. For goods with densities higher than 1.6 only a steel palletted MX can be used.

##### Filling opening:

- DN 150 with screw cap and TPE 'o'-ring seal. Optional alternative – additional 2" BSP threaded ventilating plug. Opening DN 225 with UN-certification.

##### Discharge valves:

- Protectively placed valve with outlet sealed by aluminium-lined PE-foil, closed by 'o'-ring, PE-disk and screw cap assembly.

##### Complete discharge through:

- integrated butterfly valve DN 50 with lever handle
- replaceable valves can also be fitted with either Viton or EPDM rear seals

##### Permeation protection:

- On request the inner PE-container can be treated with a double SMP fluorination barrier which reduces the permeation of most non-polar organic solvents.



*Delivered with UN certification*

<b>Technical Data</b>				
Nominal capacity l:	650	850	1000	1250
Overflow capacity l :	680	870	1060	1270
Length mm:	1200	1200	1200	1200
Width mm:	800	1000	1000	1000
Height inc. pallet mm	1000	1000	1160	1350
<b>Weight kg (with UN certification)</b>				
with timber pallet approx.	55	61	66	75
with steel pallet approx.	48	54	59	68
with plasticr pallet approx.	51	57	63	72

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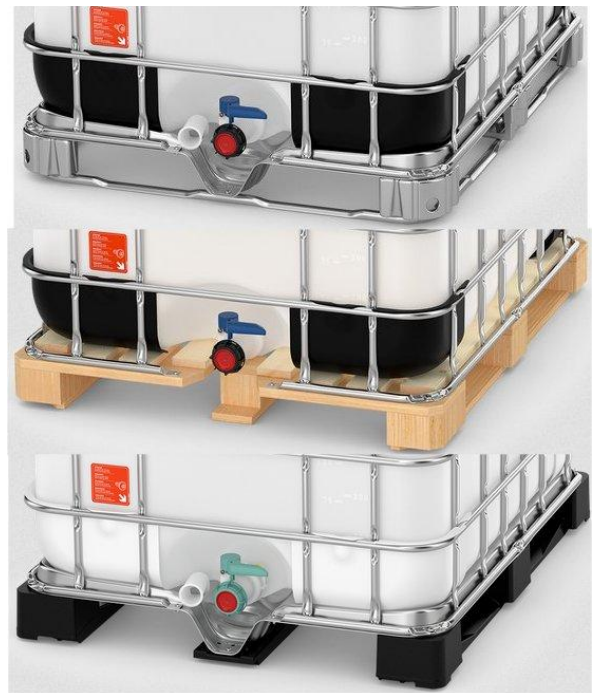
DN 80



- The SCHUTZ ECOBULK meets international transport standards and regulations as well as providing an excellent fill in ISO-Containers. The low tare weight is a further financial benefit during transport.
- The SCHUTZ ECOBULK is easy to handle and can be stacked 4 high quite safely. It is easy to load or unload by use of fork-lift or pallet truck, can be loaded by a crane lifting spreader, thus ensuring the best use of time and resources.
- The specially designed discharge valves ensure safe and precise control when discharging substances of various viscosities. The different types of seal materials extend the range of applications and offer resistance to nearly all chemical products.
- With the EURO-TICKET SCHUTZ offers a recycling process for used ECOBULKS throughout Europe which guarantees a free pick-up and a sensible utilization of emptied containers. The SCHUTZ ECOBULK offers the ideal module system incorporating easy-to-fit exchangeable steel, timber or plastic pallet options, making the ECOBULK a fully reusable multi-trip package.

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Pallet options: steel, timber or plastic pallet (HDPE recycled material)



Integrated butterfly valve DN 50 with operating lever and screw cap



Integrated butterfly valve DN 50 with outlet nozzle

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### Further Schütz Composite IBCs

#### LX Range

The Schütz LX 1000 Litre IBC is manufactured with a galvanised mild steel frame and an HDPE inner bottle that can take a maximum of 1.6 SG but is only available with a heat treated timber pallet (suitable for export).



#### MX-Ex Range

With the introduction of 3 layer blow moulding technology, the MX1000 Litre container is available as an "EX" container with either a black conductive or white anti-static outer layer of HDPE. Suitable for use within Zone 1 and 2 areas. both with "white antistatic" and "black conductive" IBC outer layers protect the container from hazardous electrical discharge. Only available with a metal pallet.



#### MX-EV Range

Designed to eliminate the need for fluorination of the IBC bottle, the MX-EV EVOH, is manufactured with 6 layer technology and safely protects the filling product from permeation. EVOH is a highly effective barrier that prevents the entry of oxygen or gases and prohibits the discharge of flavours or odour.



#### MX-Ex-EV Range

A further innovative Schütz IBC, is the MX-Ex-EV, this container is provided with both an EVOH barrier to alleviate the permeation of certain products and a Black conductive outer layer of HDPE to dissipate electrical static build up. Suitable for use within Zone 1 and 2 areas.. Only available in 1000 litre capacity and will be supplied with a metal pallet.



#### SX Range

The unique Schütz 1000 Litre SX-EX IBCs comes complete with a full metal jacket, encased in a galvanised mild steel frame for filling within Zone 1 and 2 areas, or for those products requiring that special protection. They are manufactured with an HDPE inner bottle that can take a maximum of 1.9 SG but is only available with a metal perimeter pallet.



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