

# SX-EX

## ECOBULK SX-EX

*If the atmosphere turns explosive, you'll need a container that does not react.*



- licensed for utilisation on operational premises classified as zone 1 or 2 (while following and complying with statutory and company-specific safety measures and regulations)
- reliably protects liquid hazardous goods from fire and heat
- electrostatically safe within the context of the Cenelec Reports CLC/TR 50404:2003

We would be happy to assist you with any technical concerns.

**SCHÜTZ**  
INDUSTRIAL PACKAGING

### MATERIAL

#### Inner container

- extrusion blow-moulded HDPE
- SMP protective barrier (also available)
- UV protection (also available)

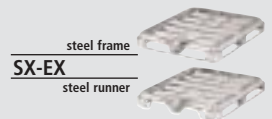
#### Outer jacket

- welded tubular steel grid jacket
- galvanised

#### Bottom plate

- made of steel sheet to provide stability and to facilitate minimum residual contents
- galvanised

### PALLETS (4-way entry)



### CERTIFICATIONS

#### UN 31 HA1/Y (also available)

- maximum density 1.6
- electrical charge protection for danger zones 1 and 2



#### FDA (also available)

- safe for food products

### CAPACITY

#### SX-EX 1000

1.000 litre (275 gal)

### OUTLET VALVES

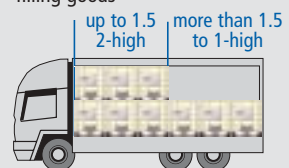
- earthed integrated butterfly valve DN 50
- earthed screwable butterfly valve DN 80

### FILLING OPENING

- DN 150 with screw cap
- DN 225 with screw cap

### DYNAMIC LOAD

Filled ECOBULK according to the specific weight of the filling goods



### DIMENSIONS

1200 x 1000 x 1160 (L x W x H)

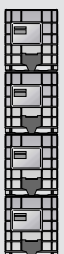
### WEIGHT

#### SX-EX 1000

77 kg with steel pallet

### STATIC LOAD

max. 4-high



# SX-EX

## ECOBULK SX-EX

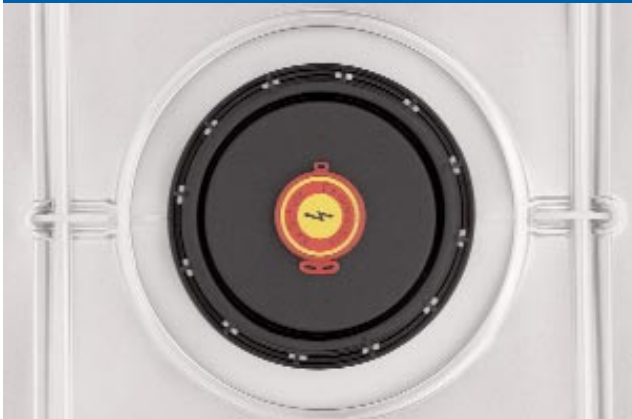
**SCHÜTZ**  
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Earthed integrated butterfly valve DN 50



Earthed screwable butterfly valve DN 80



DN 225 EX screw cap with sticker

### Recommendation for use:

Explosion endangered zones	Flashpoint of liquid	
	≤ 61 °C	> 61 °C
Zone 1	yes*	yes
Zone 2	yes*	yes

\* applies to liquids subject to explosion categories IIA and IIA/B, i.e. ordinary organic solvents. Due to safety concerns, do not bottle liquids assigned to explosion categories IIB or IIC, such as diethyl ether, ethylene oxide, cyclo propane, carbon disulphide, peroxide or similar liquids.

### The best protection from fire and heat.

The ECOBULK SX-EX has proven itself to be outstanding in protecting liquid hazardous goods from fire and heat in applications across the world. The outer container equipped with a steel grid and additional steel sheeting safely and reliably seals the inner container of high-molecular polyethylene.

### No electrostatic charging.

During the filling, transporting and emptying of containers dangerous electrostatic charging may occur. You are safe with the ECOBULK SX-EX: The entire jacket made of steel results in electrical conductivity of the outer container surface – consequently, electrostatic charging cannot occur. An earthed outlet valve discharges the electrostatic charge of the filling good.

### Can be used in EX zones 1 and 2.

The ECOBULK SX-EX is suitable for utilisation in potentially explosive atmospheres classified as zone 1 or 2. Compliance with all applicable statutory regulations and provisions concerning application and handling in EX zones is essential.

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