

BSIF Silo Container

Reusable stainless steel container
for liquids



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SCHÄFER
Container Systems

Design features

Tank material:

Stainless steel 304 304L 316 316L 316Ti 321

Wall thicknesses:

2.0 mm or 2.5 mm for the top, shell and hopper

Manhole:

DN 400 or DN 457 in the top,
with screwed cover and eyebolts or tension ring

Hopper:

30° angled slope (other angles possible), with welded calotte

Seals:

According to customer requirements and/or application

Transport frame:

Galvanised or stainless steel, sprayed on request (stackable, suitable handling by crane and all other pallet lifting equipment)

Equipment:

- Safety-valve (pressure relief at 0.65 bar at the latest) and aeration vents in the top
- Ball-valve or butterfly-valve, disc-valve
- Stacking frame, stackable at least 5 high

Application

Chemicals/petrochemicals, food industry, construction industry, plant construction

Approval:

As a metal intermediate bulk container (IBC), code 31A, for land and sea transport of hazardous liquid materials of packaging groups II and III. Max. bulk density of the filling goods is 1.83 kg/l.

The design fulfils the test requirements for IBCs for the transport of dangerous materials contained in the following international standards:

- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- Regulations concerning the International Carriage of Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of dangerous goods (UN)

Dimensions

Basic size 1215 x 1015 mm or alternatively 1200 x 1000 mm

Type	Volume (litres)*	Height (mm) 30°
BSIF 465	502	1200
BSIF 550	550	1320, 1350 ¹
BSIF 650	650	1420, 1450 ¹
BSIF 800	800	1570, 1600 ¹
BSIF 900	900	1670, 1700 ¹
BSIF 1000	1000	1770, 1800 ¹

¹ Raised stacking corners on upper frame

* Other volumes possible

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Product range:

- Tank Containers
- Round Containers
- Silo Containers
- Customized Containers

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