



TransferBag System

Containment-Level \leq OEB 5 ($<1\mu\text{g}/\text{m}^3$)

LUGAIA
Containment Solutions



SafePort TransferBag (patented)

Contamination-free product transfer

Design of the SafePort TransferBags

The **Lugaia SafePort TransferBag** offers a combination of low investment costs and high containment levels. The disposable version is suitable for safe product transfers according to the containment level of OEB 5 ($<1\mu\text{g} / \text{m}^3$).

Components:

- 1 SafePort Connector
- 2 Extractors
- 3 Side locking clip
- 4 SafePort TransferBag
- 5 SafeStick with security lock
- 6 SafePort Initial flange
- 7 SafePort connecting head

Connection Options:

- SafePort inlet and outlet
- O-ring inlet, SafePort outlet
- Open inlet, SafePort outlet
- TriClamp inlet, SafePort outlet

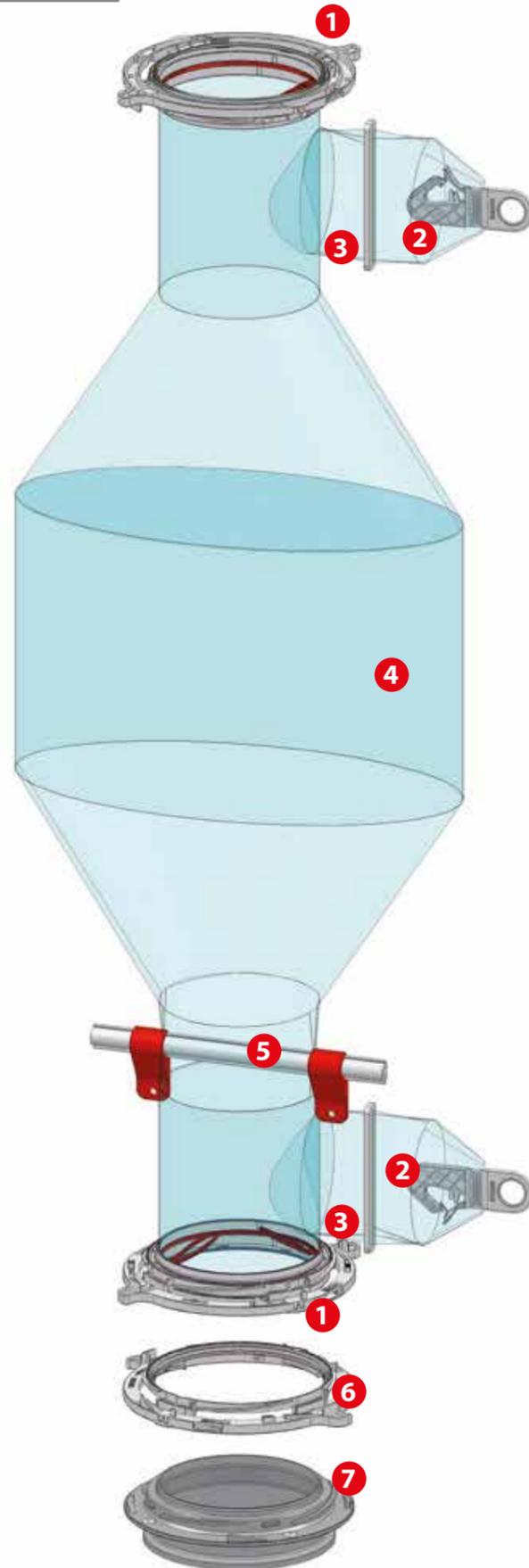
Standard Sizes

Volume Content (l)	Bag Width (mm)	Bag Length (mm)
SafePort TransferBag		
5	300	1100
25	500	1300
40	600	1500
Drumbag		
180	ø 550	1300 (1720)

(Special sizes available on request)



Scan the QR code for a direct animation.



SafePort TransferBag (patented)

Contamination-free product transfer

SafePort TransferBag and Drumbag

Contents vary from 5 to 180 liters



SafePort TransferBag, 5 to 40 liters



Drumbag, 180 liters



SafePort connecting head with integrated cleaning system



Scan the QR code for a direct animation of the SafePort Cleaning System.



Protective cover for SafePort System



Scope of delivery:

- 1 SafePort TransferBag
- 2 SafeStick
- 3 Mounting Aid
- 4 SafePort Connecting Head
- 5 Protective cover
- 6 CIP Adapter (optional)
- 7 Initial flange

SafePort TransferBag (patented)

Contamination-free product transfer

With SafePort TransferBag system, products can be safely transferred with containment level OEB 5. The special SafePort connection enables continuous connecting of bags for repeated product feed without interrupting the containment. This guarantees a very high yield for your products.

The advantages of SafePort TransferBag:

- Inexpensive, disposable version for a safe transfer in the OEB 5 (<math><1\mu\text{g} / \text{m}^3</math>) containment level
- Clean room production according to "state of the art" guidelines with USP / EP certificates ISO 8/7/5
- Special designs with sampling sleeve and customer specific foils available
- Contents can be selected from 5-40 liters to 180 liters (special sizes on request)
- No product is lost when emptying thanks to a special connection system with a completely free cross-section inside
- Lower investment costs compared to rigid systems
- Simple and safe connection system for feeding multiple products
- Optional cleaning system is available

SafePort TransferBag, Subsequent Assembly



Docking the SafePort TransferBag



Removing the remaining piece



Emptying the SafePort TransferBag



Closing the SafePort TransferBag using the SafeSeal System



Separation of the SafePort TransferBag using the SafeSeal System



Attaching the protective cover

SafeStick Closure System

SafeStick and safety locks

SafeStick – easy to close

With the SafeStick, Lugaia Containment Solutions guarantees a safe, inexpensive, and simple closure element for TransferBags for all types and sizes.

The Advantages of the SafeStick:

- Completely made of PE
- Guaranteed tightness due to the omega profile
- Available in different lengths
- Can be used for all bags
- Easy Handling
- High occupational safety
- Universally applicable
- High quality
- Inexpensive
- Protective cap



Installation of SafeStick and safety locks



Install SafeStick to TransferBag



Press round stick into Omega Profile



Install safety lock



Close safety lock

Dismantling of SafeStick and safety locks



Initial situation for dismantling



Release the lock and open safety lock



Loosen safety lock by turning it slightly



Remove round stick by pressing it out

TransferBag

Product transfers for small quantities



TriClamp-Locking / Connection options:

- 1 TriClamp closure size 4"
- 2 TriClamp closure size 6"
- 3 Associated blind lids for tight sealing



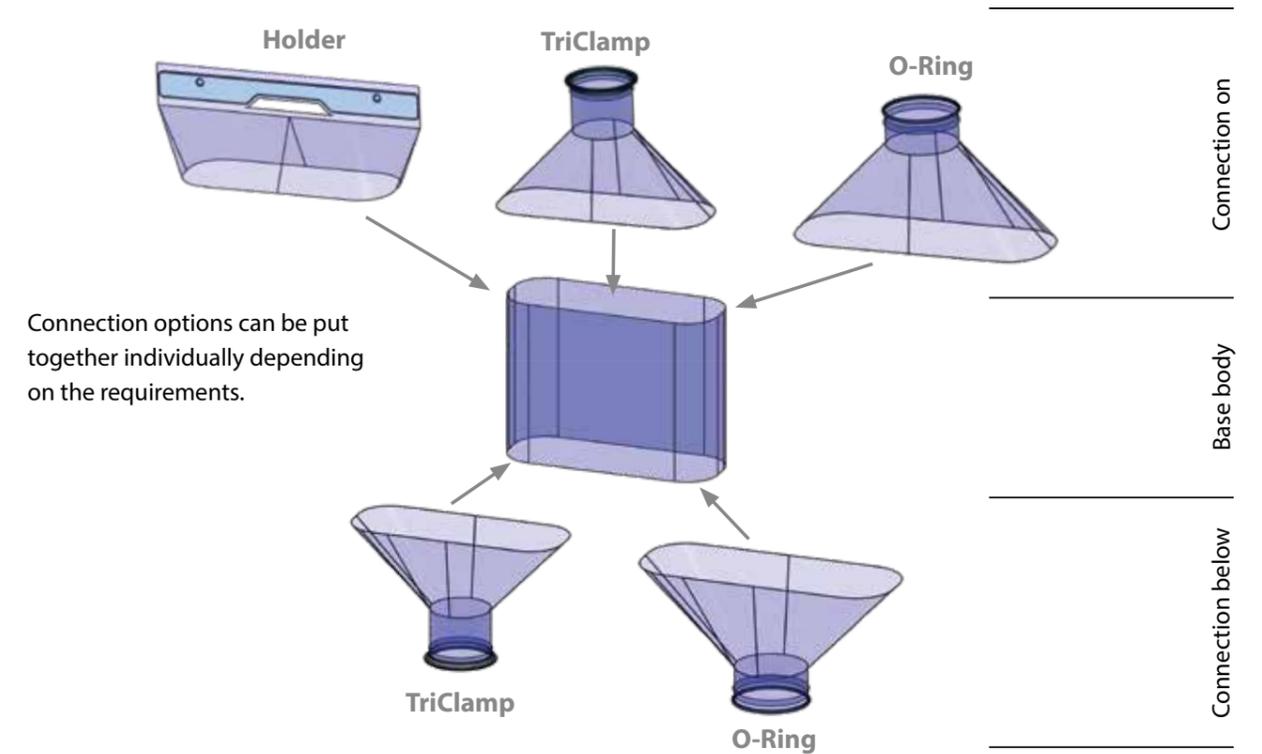
The advantages of the TransferBag:

- Optimal connection options
- Different sizes
- Custom foils available at any time
- Meets the high requirements in the pharmaceutical and biotech industries
- Custom design and execution

The Lugaia TransferBags can be used for powder transfers of small quantities while meeting the high requirements in the pharmaceutical and biotech industries. On request, the bags can be made from customer-specific foil in the three clean room classes: ISO 5, ISO 7 and ISO 8. Customized designs for the TransferBags with various connection options are also available.

TransferBag

Configuration options



Volume-content (l)	Bag width B1 (mm)	Bag length L (mm)	TriClamp-Connection (*)	Ø-Connection tube for O-Ring (mm)
5	400	400	4" / 6" / DN150	170
10	400	700	4" / 6" / DN150	170
15	400	1100	4" / 6" / DN150	170
20	500	1100	4" / 6" / DN150	230
25	500	1400	4" / 6" / DN150	230
30	700	1200	4" / 6" / DN150	230
40	700	1600	4" / 6" / DN150	230

(Special sizes available on request)

Various Configuration Options



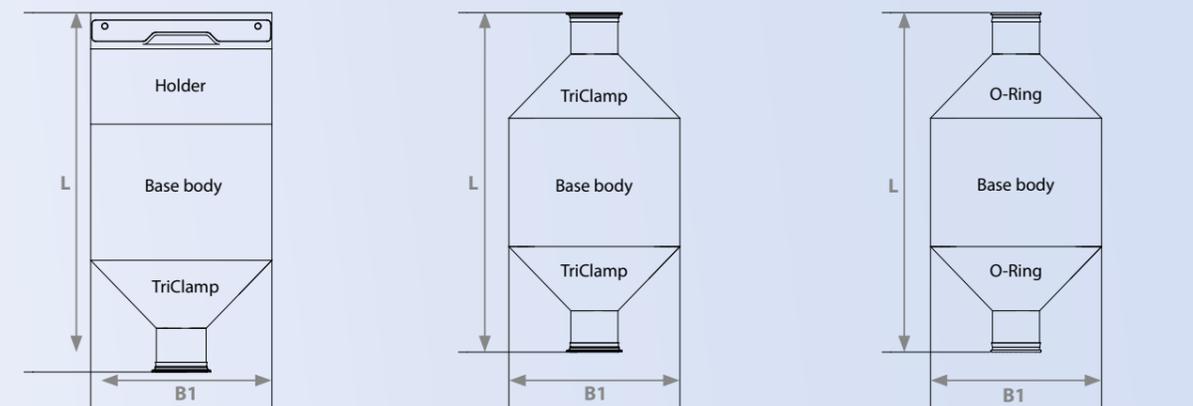
with integrated tube with coupling, to rinse off product residues

with integrated O-Ring

with customized filling frame

with special glass nozzle connector

Configuration Options



Bag holder / outlet with TriClamp

Inlet / outlet with TriClamp

Inlet / outlet with integrated O-Ring



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Our product overview:

- Continuous Liner System CLS / CLCC
- SafeSeal Closure System
- TransferBag System
- SafeFlex Isolator System

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