



Palletank for storage

Benefits

Qualified system

Perfect fit and protection of the Flexsafe® | Flexel® 3D Bag in its Palletank

Stackable version

Space saving containment system

Technology integration support

For a successful Single-Use manufacturing implementation and validation



Product Information

The Palletank for storage are stainless steel containers designed for the safe and robust storage of biopharmaceutical fluids contained in Flexsafe® | Flexel® 3D Bags. They are available in volumes of 50 L, 200 L and 500 L. The Flexsafe® | Flexel® 3D Bags are manufactured according to a qualified design that precisely fits the Palletank.

Applications

The Palletank for storage that incorporate Flexsafe® | Flexel® 3D Bags have been designed for the safe processing and storage of a wide range of biopharmaceutical fluids in a variety of applications such as:

- Buffers and media storage
- Bulk harvest
- Product pooling
- Fraction collection
- Sample collection
- Bulk intermediate hold

Space-saving

The stackable version of the Palletank for storage enables users to meet the complex in-process demands as well as the high requirements for storage while maximizing the utilization of the available clean room area. It saves up to 50% of the space required for cylindrical drums.

Safety

Flexsafe® | Flexel® 3D Bags coupled with the rigid structure of Palletank provide a stable and secure solution for processing, storage and in-house transportation of buffers, media, intermediates and final bulk products.

Palletank family

Besides the Palletank for storage, the product range of Palletank container includes the following lines specifically developed for the various application requirements on fluid management in the biopharmaceutical industry:

- Palletank for shipping
- Palletank for in-process fluid handling
- Plastic Palletank for storage
- Palletank for Mixing

Technology Integration Support

Sartorius Stedim Biotech supports users from the design & implementation phase of a new production facility with the most comprehensive support program that ensures successful design implementation and validation of Single-Use Manufacturing.

Security of Supply

Sartorius Stedim Biotech has established multiple manufacturing sites with consistent industrial processes. The expertise of designing Single-Use solutions based on collaborative supplier management and customer demand planning assures a state of the art and robust supply chain that can cope with strong market growth.

Quality Assurance

The Palletank for storage are designed, developed and manufactured in accordance with a ISO 9001 certified Quality Management System. They undergo extensive testing before shipping.

Technical Data

Specifications

1. Palletank for storage

| Description | Palletank 200 L for storage | Palletank 500 L for storage |
|------------------------|---|---|
| Bag Volume(s) | 100 L or 200 L | 500 L |
| Construction Material | 304 L Stainless Steel | 304 L Stainless Steel |
| Surface Finishing | Bead Blasted | Bead Blasted |
| Dimensions (W × D × H) | 792 × 592 × 892 mm (31 × 23 × 35 in) | 1192 × 792 × 1008 mm (46 × 31 × 39 in) |
| Weight | 48 kg (106 lb) | 100 kg (220 lb) |
| Bottom Gate | 1 | 1 |
| Stackability | No | No |

2. Palletank for storage stackable

| Description | Palletank 50 L for storage stackable ¹ | Palletank 200 L for storage stackable | Palletank 500 L for storage stackable |
|----------------------------|---|---|---|
| Bag Volume(s) | 50 L | 100 L or 200 L | 500 L |
| Construction Material | 304 L Stainless Steel | 304 L Stainless Steel | 304 L Stainless Steel |
| Surface Finishing | Bead Blasted | Bead Blasted | Bead Blasted |
| Dimensions (W × D × H) | 490 × 490 × 750 mm (19 × 19 × 29 in) | 792 × 592 × 929 mm (31 × 23 × 36 in) | 1135 × 792 × 1044 mm (44 × 31 × 41 in) |
| Weight | 25 kg (55 lb) | 70 kg (154.3 lb) | 110 kg (242 lb) |
| Bottom Gate Sliding Gate | 1 | 1 | 1 |
| Stackability (Static) | 3 high | 3 high | 2 high |

¹ The 50L volume only available with Flexel® 3D Bag

3. Ancillary products

3.1. Dolly

| Description | Dolly for Palletank 50 L for Storage and Shipping | Dolly for Palletank 200 L for Storage and Shipping | Dolly for Palletank 500 L for Storage and Shipping |
|------------------------|---|--|--|
| Construction Material | 304L and polyamide (wheels) | 304L and polyamide (wheels) | 304L and polyamide (wheels) |
| Surface Finishing | Glass Bead blasted | Glass Bead blasted | Glass Bead blasted |
| Dimensions (W × D × H) | 490 × 490 × 185 mm (19.3 × 19.3 × 7.3 in) | 815 × 615 × 188 mm (32.1 × 24.2 × 6.4 in) | 1215 × 815 × 161 mm (47.8 × 32.1 × 6.4 in) |
| Weight (approx.) | 7 kg (15.4 lb) | 10 kg (22 lb) | 18 kg (39.7 lb) |

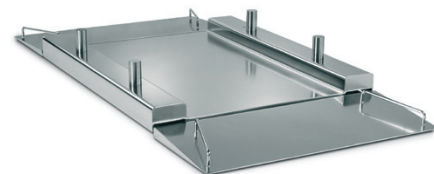


3.2. Weighing platforms

The IFS4 flat-bed scales are entirely constructed of stainless steel and have an extremely low height, making it ideally suited for floor installation without a pit or anchoring. The ramp is securely attached to the scale using special retainers for prevention of force shunt. This high-quality platform can be connected to any of a wide range of indicators, for use as a Class III legal measuring instrument or without legal verification. The CIS1 Combics 1 indicator allows strain gauge weighing with flat bed scales as well as with load cells to be connected.

| | IFS4-150GG-I | IFS4-300LI-I | IFS4-1000RN-I |
|---|--|--|--|
| Weighing capacity | 150 kg (330.7 lb) | 300 kg (661.4 lb) | 1000 kg (2204.6 lb) |
| Platform size | 600 × 600 mm (23.6 × 23.6 in) | 1000 × 800 mm (39.3 × 31.5 in) | 1500 × 1250 mm (59 × 49.2 in) |
| Height | Standard: 35 mm | Standard: 35 mm | Standard: 45 mm |
| Load Plate | AISI304 1.4301 (V2A) bead-blasted | AISI304 1.4301 (V2A) bead-blasted | AISI304 1.4301 (V2A) bead-blasted |
| Resolution | 30.000 d | 30.000 d | 30.000 d |
| Readability | 5 g | 10 g | 50 g |
| Suitable with Palletank Storage and Storage Stackable | 50 L | 200 L | 500 L |

Refer to specific Sartorius datasheet for Combics indicators ranges, printers and other accessories specifications and ordering information.



Integrated features

| Features | Benefits | Palletank for stor- age | Palletank for stor- age stackable |
|----------------------------|---|----------------------------|--------------------------------------|
| Level marks | allow rapid visual monitoring of the fluid level in the bag | • | •* |
| Integrated pallet | allows easy carriage by pallet-jack or forklift | • | • |
| Tubing & Fitting Tray | simplifies fluid handling operations & provides a convenient and secure place for inlet & outlet tubing assemblies during transport | • | • |
| Lid | protects the bag against dust and light | | •* |
| Bottom gate Sliding gate | allows passage of large bore tubing, 1,5" tri clamps, QC bags and filters; facilitates bag positioning and maintain in position | • | • |
| Stacking corner | enables the stacking of the Palletank in order to maximise the utilisation of available clean room area | | • |
| Dolly (accessory) | facilitates the movement of material throughout a facility | • | • |

* Except 50 L volume

Ordering Information

| Order Code | Description |
|------------|--|
| FXC110888 | Palletank 200 L for storage |
| FXC110889 | Palletank 500 L for storage |
| FXC113946 | Palletank 50 L for storage stackable |
| FXC110733 | Palletank 200 L for storage stackable |
| FXC110734 | Palletank 500 L for storage stackable |
| FXA113988 | Dolly for Palletank 50 L for storage |
| FXS102254 | Dolly for Palletank 100 L 200 L for storage & shipping |
| FXS102256 | Dolly for Palletank 500 L for storage & shipping |

Sartorius Stedim Biotech GmbH
 August-Spindler-Strasse 11
 37079 Goettingen, Germany
 Phone +49.551.308.0
www.sartorius-stedim.com

USA Toll-Free +1.800.368.7178
 Argentina +54.11.4721.0505
 Brazil +55.11.4362.8900
 Mexico +52.55.5562.1102
 UK +44.1372.737159
 France +33.442.845600
 Italy +39.055.63.40.41
 Spain +34.913.586.098
 Russian Federation +7.812.327.53.27
 Japan +81.3.4331.4300
 China +86.21.6878.2300

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