



Flexboy® Standard Bioprocessing Bags



Description

Flexboy® standard Bioprocessing bags are designed for the preparation, storage and transport of biopharmaceutical solutions, intermediates and final bulk products. They provide a single-use alternative to traditional glass, stainless steel and rigid plastic carboys in a large variety of applications.

Applications

The broad chemical compatibility of Flexboy® Bags assure the safe processing 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
- Final Product transport

Cost reduction and risk reduction

Single-Use Systems used in biopharmaceutical manufacturing improve process safety as they reduce the risk of cross contamination from batch-to-batch and product-to-product. Cost and time consuming CIP & SIP operations are minimized. This results not only in significant cost savings within the entire manufacturing process, but also in the optimization of capacity utilization.

Easy Implementation

Flexboy® Bags are available in bag chamber volumes between 50 ml and 50 L with a variety of fitting and connector options. They are supplied pre-sterilized and ready to use. This allows an easy and convenient process implementation. A series of associated systems such as Flexboy® Trays and Racks facilitate an easy bag handling.

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

Specifications

Bag Chamber:	Multiple Film Construction, EVA Fluid Contact Layer
Tubing	EVA
Outlet Fittings	Luer Lock, Hose Barb, MPC Male Coupling, Septum
Number of Ports	3
Volumes	50 ml – 50 L
Sterilization	by Gamma Irradiation

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.

Validation

Flexboy® bags have been qualified applying the most complex and innovative test regimes. Biological, chemical and physical tests combined with extensive extractable testing provide users of Flexboy® with data representing the widest range of process fluids in a variety of processing conditions.

Full compliance with ISO11137 allows sterility assurance level validation of 10^{-6} for each Single-Use System over its entire shelf life.

Quality Assurance

Sartorius Stedim Biotech Quality Systems for Single-Use Products follow applicable ISO and FDA regulations for Medical Devices. Design, Manufacture and Sterilization processes are conducted under conditions that mirror biopharmaceutical operations and meet cGMP requirements.

Available from Stock

The entire range of Flexboy® standard storage systems are available from stock.

Dimensions

50 ml – 3 L

Volume	50 mL	150 mL	500 mL	1 L	3 L
Length (L) mm	134 (5.28")	205 (8.07")	241 (9.49")	299 (11.77")	381 (15.00")
Width (W) mm	95 (3.74")	85 (3.35")	130 (5.12")	155 (6.10")	223 (8.78")
Length inc. Tubing (T) mm	231 (9.09")	302 (11.89")	338 (13.31")	396 (15.59")	478 (18.82")
Film Surface Area cm ²	143 (22,16 sq in)	275 (42,62 sq in)	452 (70,06 sq in)	707 (109,58 sq in)	1346 (208,68 sq in)

5 L – 50 L

Volume	5 L	10 L	20 L	50 L
Length (L) mm	376 (14.80")	621 (24.45")	654 (25.75")	790 (31.10")
Width (W) mm	332 (13.07")	300 (11.81")	431 (16.97")	580 (22.83")
Length inc. Tubing (T) mm	473 (18.62")	718 (28.27")	749 (29.57")	887 (34.92")
Film Surface Area cm ²	1929 (298,99 sq in)	3528 (546,84 sq in)	4826 (748,03 sq in)	8106 (1256,43 sq in)

Ordering Information

Order Code	Description	Pack Size (pieces)
FFB102603	Flexboy® Bag 50 mL, 3 Ports, EVA Tubing with Luer Lock, Septum	20
FFB102643	Flexboy® Bag 150 mL, 3 Ports, EVA Tubing with Luer Lock, Septum	20
FFB102670	Flexboy® Bag 500 mL, 3 Ports, EVA Tubing with Luer Lock, Septum	20
FFB103547	Flexboy® Bag 1000 mL, 3 Ports, EVA Tubing with Luer Lock, Septum	20
FFB102812	Flexboy® Bag 3000 mL, 3 Ports, EVA Tubing with Luer Lock, Septum	20
FFB102640	Flexboy® Bag 50 mL, 3 Ports, EVA Tubing with ¼" MPC (Male) Inserts, Septum	20
FFB102877	Flexboy® Bag 150 mL, 3 Ports, EVA Tubing with ¼" MPC (Male) Inserts, Septum	20
FFB103398	Flexboy® Bag 500 mL, 3 Ports, EVA Tubing with ¼" MPC (Male) Inserts, Septum	20
FFB102606	Flexboy® Bag 1 L, 3 Ports, EVA Tubing with ¼" MPC (Male) Inserts, Septum	20
FFB102704	Flexboy® Bag 3 L, 3 Ports, EVA Tubing with ¼" MPC (Male) Inserts, Septum	20
FFB102025	Flexboy® Bag 5 L, 3 Ports, EVA Tubing with ⅜" MPC (Male) Inserts, Septum	20
FFB101974	Flexboy® Bag 10 L, 3 Ports, EVA Tubing with ⅜" MPC (Male) Inserts, Septum	20
FFB101961	Flexboy® Bag 20 L, 3 Ports, EVA Tubing with ⅜" MPC (Male) Inserts, Septum	20
FFB102340	Flexboy® Bag 50 L, 3 Ports, EVA Tubing with ⅜" MPC (Male) Inserts, Septum	20

Please note: Custom designs are available upon request.

Sartorius Biotech GmbH
August-Spindler-Strasse 11
37079 Goettingen, Germany
Phone +49.551.308.0
Fax +49.551.308.3289
www.sartorius-stedim.com

USA +1.800.3687178
UK +44.1372.737100
France +33.442.845600
Italy +39.055.634041
Spain +34.91.3586102
Japan +81.3.37405407

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