

LeRybow® 1/2 Liner Bag

LeRybow® 1/2 liner bag is made of multi-layer co-extruded film, which can be used for liquid-liquid, solid-liquid mixing and stirring, which greatly improves the process efficiency. The film used in this series of products is specially designed for liner bags, which has the advantages of good stability and low cost. Standard liner bags include round liner bags and square liner bags with specifications ranging from 19L to 568L, which are the best choice for biotechnology in non-sterile environments.



Typical applications

- Powder-liquid mixing
- Liquid-liquid mixing
- Buffer configuration
- Intermediate product mixing

Application Scene

- Compatible with round plastic buckets for powder-liquid mixing or liquid-liquid mixing
- Cooperate with automatic upper stirring equipment to realize mixing, such as buffer solution configuration, intermediate product mixing

Advantage

- LeKrius® film is completely independently developed and produced, with good physical strength, chemical compatibility and biocompatibility
- The membrane material is transparent, which is conducive to auxiliary process judgment
- It can meet the storage and transfer requirements of various feed liquids in the biopharmaceutical process
- The size, pipeline, joints and filters can be customized flexibly, suitable for various processes
- It can be matched with different support containers to meet the use requirements to the greatest extent

Technical specification

Physical Characteristics

Testing Standards	Test Items	Test Results
ASTM-D6988	Film thickness test (μm)	Pass
ASTM-882	Tensile strength MD (Mpa)	Pass
ASTM-882	Tensile strength TD (Mpa)	Pass
ASTM-F1306	Puncture strength (N)	Pass
ASTM-D1709	Falling dart impact (J)	Pass
ASTM-F392	Kneading performance (pcs)	Pass

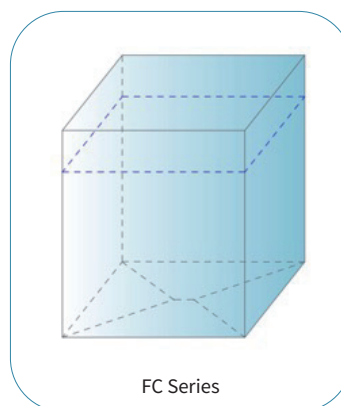
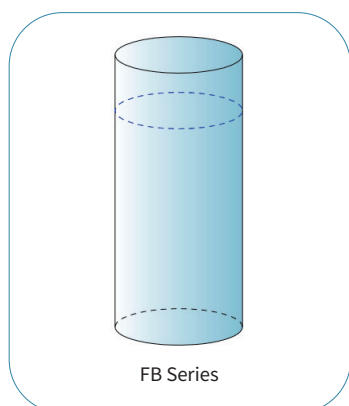
Biocompatibility

Testing Standards	Test Items	Test Results
USP<87>	In vitro biological response	Pass
USP<88>ClassVI	In vivo biological response	Pass
USP<661>	Physical and chemical properties testing of plastics	Pass

Performance Testing

Testing Standards	Test Items	Test Results
USP<788>	Insoluble Particle Test	Pass
USP<85>	Bacterial endotoxin test	Pass
USP<790>	Visible foreign body test	Pass
USP<643>	TOC Test	Pass
USP<645>	Electrical conductivity test	Pass
ASTM F88	Heat seal strength test	Pass

Product Drawings



Ordering information

FB Series

Pro NO.	Volume/L	Categories	Inlet tube	Packing
FB019-1C	19	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK019-1	40 sets/box
FB028-1C	28	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK028-1	40 sets/box
FB038-1C	38	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK038-1	40 sets/box
FB057-1C	57	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK057-1	30 sets/box
FB113-1C	113	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK113-1	20 sets/box
FB208-1C	208	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK208-1	15 sets/box
FB303-1C	303	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK303-1	10 sets/box
FB378-1C	378	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK378-1	10 sets/box
FB568-1C	568	Round Liner Bags	No tube, suitable for pure round plastic buckets, Pro No.: (C)LBK568-1	10 sets/box

FC Series

Pro NO.	Volume/L	Categories	Inlet tube	Packing
FC113-1C	113	Square Liner Bags	No tube, suitable for Nalgene buckets	20 sets/box
FC208-1C	208	Square Liner Bags	No tube, suitable for Nalgene buckets	15 sets/box
FC303-1C	303	Square Liner Bags	No tube, suitable for Nalgene buckets	10 sets/box
FC378-1C	378	Square Liner Bags	No tube, suitable for Nalgene buckets	10 sets/box
FC568-1C	568	Square Liner Bags	No tube, suitable for Nalgene buckets	10 sets/box
FC050-2C	50	Square Liner Bags	No tube, suitable for Hyclone buckets	20 sets/box
FC100-2C	100	Square Liner Bags	No tube, suitable for Hyclone buckets	20 sets/box
FC200-2C	200	Square Liner Bags	No tube, suitable for Hyclone buckets	15 sets/box

Note: 100% can be customized flexibly, please consult the sales managers in each region for details.