

FLOWLINX® BETA BAG

When material transfer integrity matters, FlowLinX® delivers flexible, high performance solutions engineered for modern biopharmaceutical manufacturing. The FlowLinX® Beta Bag is a single use transfer bag designed to support contamination controlled movement of materials in conjunction with rapid transfer port systems, while minimizing cleaning, revalidation, and operational downtime.

DESCRIPTION:

The FlowLinX® Beta Bag is a non-sterile, single-use transfer bag intended for integration into validated transfer processes and single-use assemblies. The 190 mm format supports common alpha-port style docking systems and is suitable for controlled material transfer in cleanroom, isolator, or contained manufacturing environments.

As single-use systems have evolved, transfer requirements now frequently include tubing assemblies, filling needles, and other components with edges or geometries that can challenge traditional bag films. The FlowLinX® Beta Bag has been engineered with a high-strength, multilayer barrier film selected to provide enhanced durability and resistance to damage during transfer, helping reduce the risk of bag compromise when handling modern single-use assemblies.

Available in 30 L and 50 L volumes, with or without bag ports, the FlowLinX® Beta Bag supports flexible manufacturing workflows, rapid changeovers, and reduced operational burden.

APPLICATIONS:

- ✓ Controlled transfer of components, materials, and process intermediates
- ✓ Material transfer into or out of isolators, RABS, and cleanrooms
- ✓ Integration with single-use assemblies, including tubing sets and filling needles

FEATURES:

- ✓ 190 mm alpha-port compatible interface
- ✿ Gamma and X-ray compatible (25-50 kGy)
- ⦿ Available with bag ports (hose barb or TC)
- 🔌 Enhanced puncture-resistant multilayer barrier film
- 🛡️ Manufactured in ISO 7 cleanroom
- 📐 100% pressure-differential leak testing
- 📊 Lot-level traceability with CoC



FLOWLINX® BETA BAGS

SPECIFICATIONS	
Nominal Diameter	190 mm
Available Volumes	30 L, 50 L
Sterility	Non-sterile
Bag Film Material	Nylon/EVOH/PE
Flange / Door Material	HDPE
Gasket Material	Platinum Silicone
Operating Temperature	16-24 °C
Maximum Differential Pressure	0.15 psi (1000 Pa)
Load Rating	Up to 10 kg (30-50 L)
Seal Strength	≥ 15 N / 15 mm (ASTM F88)
Endotoxin	Tested per USP <85>
Bioburden	Tested per ISO 11737-1
Integrity Testing	100% pressure-differential leak test
Sterilization Compatibility	Gamma & X-ray compatible (25-50 kGy)
Packaging	Individually double bagged
Shelf Life	5 years from date of manufacture



STANDARD VERSIONS:

PART NUMBER	DESCRIPTION	BAGS PER BOX
F-BB-190-30L	FlowLinX® Beta Bag, 30L, Non-Sterile	8
F-BB-190-50L	FlowLinX® Beta Bag, 50L, Non-Sterile	8

PORTED VERSIONS:

PART NUMBER	DESCRIPTION	BAGS PER BOX
F-BBG-190-30L-0188	FlowLinX® Beta Bag, 30L, NS, w/ 3/16" ID Opposing Barb	8
F-BBG-190-30L-0250	FlowLinX® Beta Bag, 30L, NS, w/ 1/4" ID Opposing Barb	8
F-BBG-190-30L-0375	FlowLinX® Beta Bag, 30L, NS, w/ 3/8" ID Opposing Barb	8
F-BBG-190-30L-0500	FlowLinX® Beta Bag, 30L, NS, w/ 1/2" ID Opposing Barb	8
F-BBG-190-30L-MAXITC	FlowLinX® Beta Bag, 30L, NS, w/ 1.5" TC Port	8
F-BBG-190-30L-3TC	FlowLinX® Beta Bag, 30L, NS, w/ 3" TC Port	8
F-BBG-190-50L-0188	FlowLinX® Beta Bag, 50L, NS, w/ 3/16" ID Opposing Barb	8
F-BBG-190-50L-0250	FlowLinX® Beta Bag, 50L, NS, w/ 1/4" ID Opposing Barb	8
F-BBG-190-50L-0375	FlowLinX® Beta Bag, 50L, NS, w/ 3/8" ID Opposing Barb	8
F-BBG-190-50L-0500	FlowLinX® Beta Bag, 50L, NS, w/ 1/2" ID Opposing Barb	8
F-BBG-190-50L-MAXITC	FlowLinX® Beta Bag, 50L, NS, w/ 1.5" TC Port	8
F-BBG-190-50L-3TC	FlowLinX® Beta Bag, 50L, NS, w/ 3" TC Port	8