

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 |