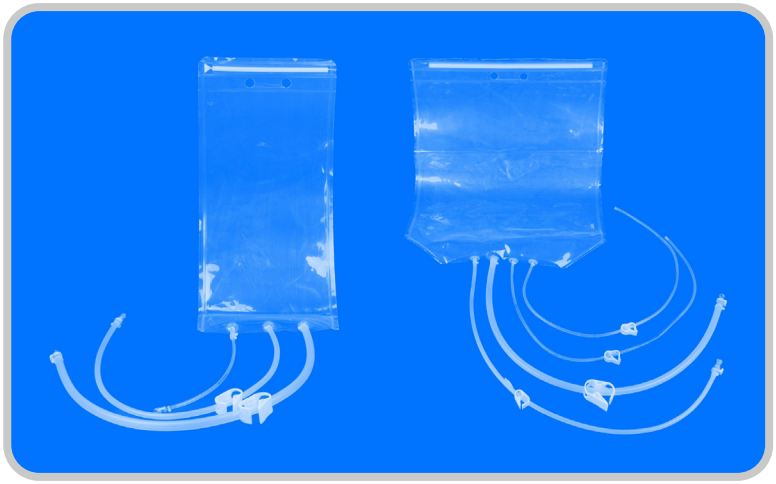
Purillex® Bioprocess Bag Assemblies

Savillex Data Sheet

Purillex® Bioprocess Bag Assemblies redefine flexibility and performance in biopharmaceutical process development and manufacturing. Designed with precision for critical fluid handling, storage, and transfer, they provide superior durability and low extractables while complying with the strictest industry standards.

Featuring customizable configurations in size, film type, tubing, and connectors, Purillex Bioprocess Bag Assemblies deliver unmatched scalability and versatility. Engineered for robustness, our assemblies are optimized for reliable performance in demanding applications, offering a high-integrity alternative to rigid systems without compromising clarity, low-temperature stability, or biocompatibility.



Two Sizes of Purillex Bioprocess Bag Assemblies

Applications

- Buffer preparation and storage
- Bulk intermediate product storage
- Cell culture media manufacturing
- Cell culture harvesting
- Fraction collection and storage

Available Options

- **Quality You Can Count On**
  - A variety of sizes, complete with tubing, hosebarbs, a dip tube, vent filter, and connector
  - Industry recognized and accepted components allowing for easy and efficient usage
- **Configurable Options, Customized for You**
  - In-stock components sourced from trusted manufacturers, providing a variety of choices to fit your needs
  - Significantly reduce lead time, cleaning, and validation requirements

Data Sheet

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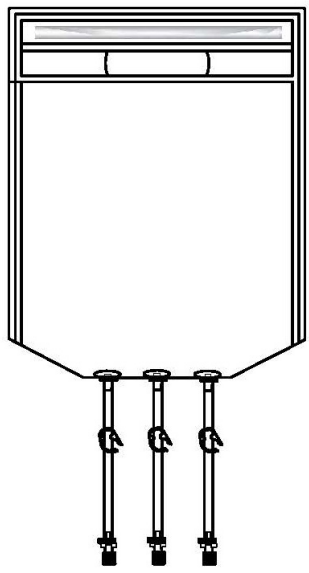
- **From Vision to Reality: Custom Engineered Solutions**
  - Unmatched lead time from design to delivered assembly
  - Reduced downtime and lower facility setup expenses
  - Complete flexibility and integration into current manufacturing footprint



Purillex Bioprocess Bag Assembly rendering

OpTCIR Film for Purillex Bioprocess Bag Assemblies

OpTCIR Film is a multilayer PE/EVOH based film for single use systems in biotechnology applications. It is designed for use in media storage bags, bioreactors, mixing systems and sampling, product storage containers, and other single use applications.

These disposable pre-sterilized systems are increasingly considered a safer and less costly alternative to stainless steel equipment. This trend in the biotechnology industry is supported by exciting new developments in the plastic components of such flexible disposable systems. These components must fulfill the severe and strict product property requirements in critical biotechnology and pharmaceutical applications.

OpTCIR barrier film offers a solution for these challenges:

- High oxygen barrier: <0.05cc/(m2.day.bar)
- Suitable for pillow bags and 3-D cubical bags
- Inert polyethyline fluid contact layer
- Superior clarity and flexibility and strength

The OpTClr film is produced under laminar flow conditions in an ISO class 7 clean room. The film fulfills test requirements of the various pharmacopoeia and applicable ISO 10993 standards.

OpTClr film is a coextruded film, comprising inert PE inner and outer layers and an oxygen barrier layer. The high barrier properties of this film offer significant advantages in the storage of oxygen sensitive products. The film also exhibits extremely low leachables; a full leachable study is available upon request. It is also resistant to a wide range of chemicals.

2D and 3D versions of Purillex Bag Assemblies are now available in sizes ranging from 1 L to 200 L. For more information or to place an order today, please contact info@savillex.com.

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