

Flexible Disposable Single Use Systems

Double and Triple Barrier Containment Systems for
 Small, Single-Use, Bio-Pharmaceutical Applications:

- Secure Storage and Transport of Sterile Liquids
- Chromatography Collection
- Containment of Products for Irradiation
- Easy Freeze/Thaw Solution Applications
- Solution Transfers to Bioreactors
- Replaces Breakable Glass and Plastic Carboys

Flex 200 Film

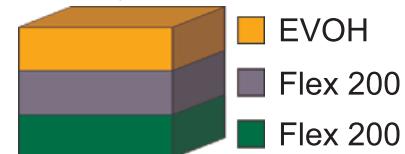
- Contamination Free
- Tensile Strength & Elongation Tested
- Radiation Tolerant to 40 kGy (4.0 mrad)
- Meets USP Class VI Testing Specifications
- 3 mil Thickness
- Raw Film Materials Strictly Controlled
- FTIR Identified



Double Barrier Pillow Bags

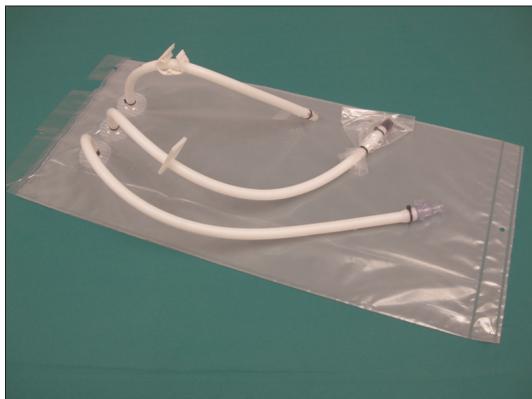
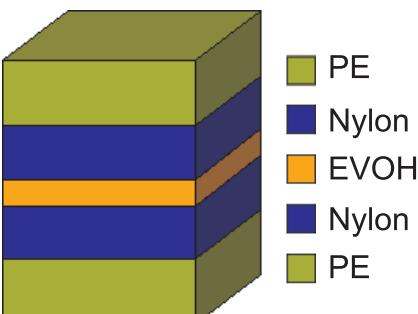
Construction

- Double Barrier Bags:
 - EVOH/Nylon Strong Outer Barrier
 - Flex 200 Sterile Contact Layer
- Triple Barrier Bags:
 - EVOH/Nylon Strong Outer Barrier
 - Flex 200 Security Layer
 - Flex 200 Sterile Contact Layer



EVOH/Nylon Film

- Provides Bag Strength & Continuity
- Meets All Outer Barrier Film Requirements
- Multi Layer 5 mil Thickness

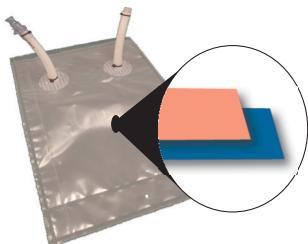


Triple Barrier-Tote Supported Pillow Bags

Highlights

- All Bag and Component Contact Materials USP Class VI Tested
- Bag System Eliminates Cross Contamination Problems
- Bag System Eliminates Need for Expensive Stainless Steel Equipment
- Liquid Product Processing Times Minimized Reducing Labor and Other Overhead Costs

Specifications:

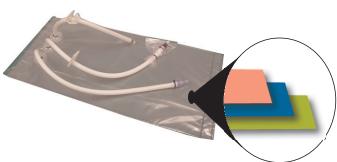


Double Barrier Pillow Bags

Sizes: 100 ml, 500 ml, 1L, 5L

Port: 2 Ports, Male & Female Luer Locks & QC Inserts & Couplers

Tubing: 1/8" to 1/4" Diameter, Std. Length 24" (Length to Order)



Triple Barrier Pillow Bags

Sizes: 5L, 10L, 20L, 50L

Ports: 1 to 3 Ports, Male & Female Luer Locks & QC Inserts & Couplers

Tubing: 1/8" to 3/8" Diameter, Std. Length 24" (Length to Order)

Note: Unless otherwise requested, standard tubing is C-Flex® (C-Flex is a registered trademark of Consolidated Polymer Technologies).

Contact Material USP Class VI Tested	✓
Products Sterilized Using Gamma Radiation	✓
Products are Hydrostatic and Tensile Strength Tested	✓
Tubing Capped or Plugged	✓
Products Assembled in ISO Class 8 Clean Room	✓
Visual Inspection of All Products	✓
Bag Systems Shipped in Double Bags	✓

Configurations:

Company Sales Representatives and Engineering Personnel Stand Ready to
Customize Fitting and Tubing Needs Specific to Each Customer.

Accessories:

Mobile Bag Hanging Racks

Easily Transportable Bag Totes

Tube Sets of Any Configuration for Bags

Customized Tube Sets for Any Application Including Manifold Designs

