

Cleanroom Wall & Bulkhead

AdvantaPass

Pass-Through Technology

AdvantaPass™

Wall and Bulk-head Pass Through Technology



Video: Assembly Overview

AdvantaPass Features

Applications for Use

Technical Resources



AdvantaPass™ Assembly Overview



presents

AdvantaFlicks

Product Training Series

**AdvantaPass™
Assembly Overview**

©2014 NewAge® Industries, Inc. All rights reserved worldwide

AdvantaPass™

Wall and Bulk-head Pass Through Technology

Video: Setup and Use



AdvantaPass Features

Applications for Use

Technical Resources

AdvantaPass™

Wall and Bulk-head Pass Through Technology

- Permits single-use aseptic transfer between walls & floors
- Fluid handling between different clean rooms
- New construction or retrofit
- Utilizes single-use process components in silicone or TPE
- Customized yet cost effective
- Single or multiple transfer lines
- Portals available up to 6" in size



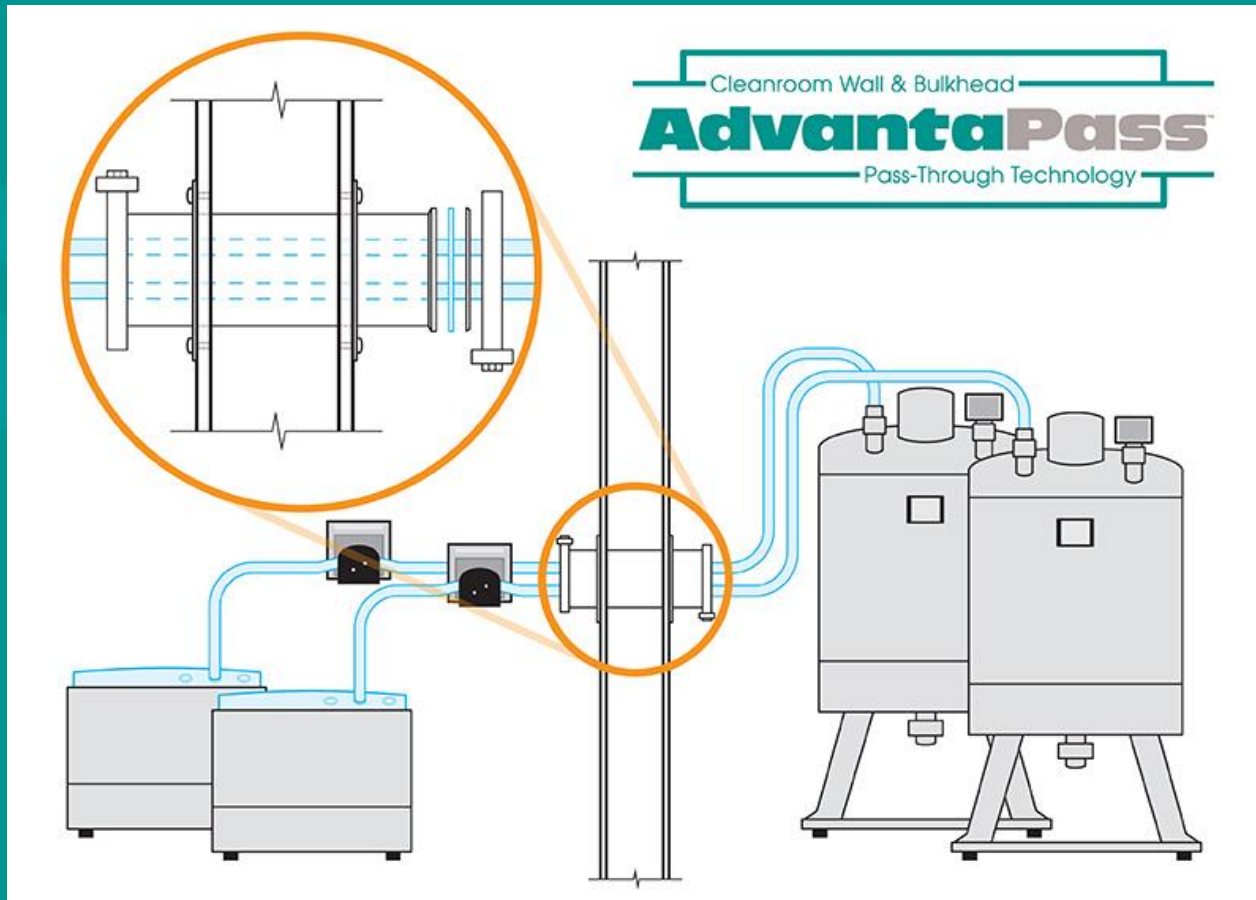
AdvantaPass™

Wall and Bulk-head Pass Through Technology

Features	Benefits
Utilizes single-use fluid transfer assembly	Eliminates the need to clean and validate hard piping transfer lines
Can be used in new construction or retrofitted into existing facility	Allows for design flexibility with no welding
Accommodates one or multiple fluid transfer lines	Improves throughput capability without compromising isolation barrier functionality
Provides reliable method for aseptic transfer of fluids without moving bins or totes	Reduces risk of breakage, spillage or lost product during transfer
Does not involve multiple moving parts	Eliminates the need for frequent maintenance and reduces downtime
Works with various wall and floor thicknesses	Cost effective solution that can be used for all unit operations
Can be assembled and disassembled in minutes	Reduces setup and processing time

AdvantaPass™

Wall and Bulk-head Pass Through Technology



AdvantaPass™

Wall and Bulk-head Pass Through Technology

Video: Setup and Use

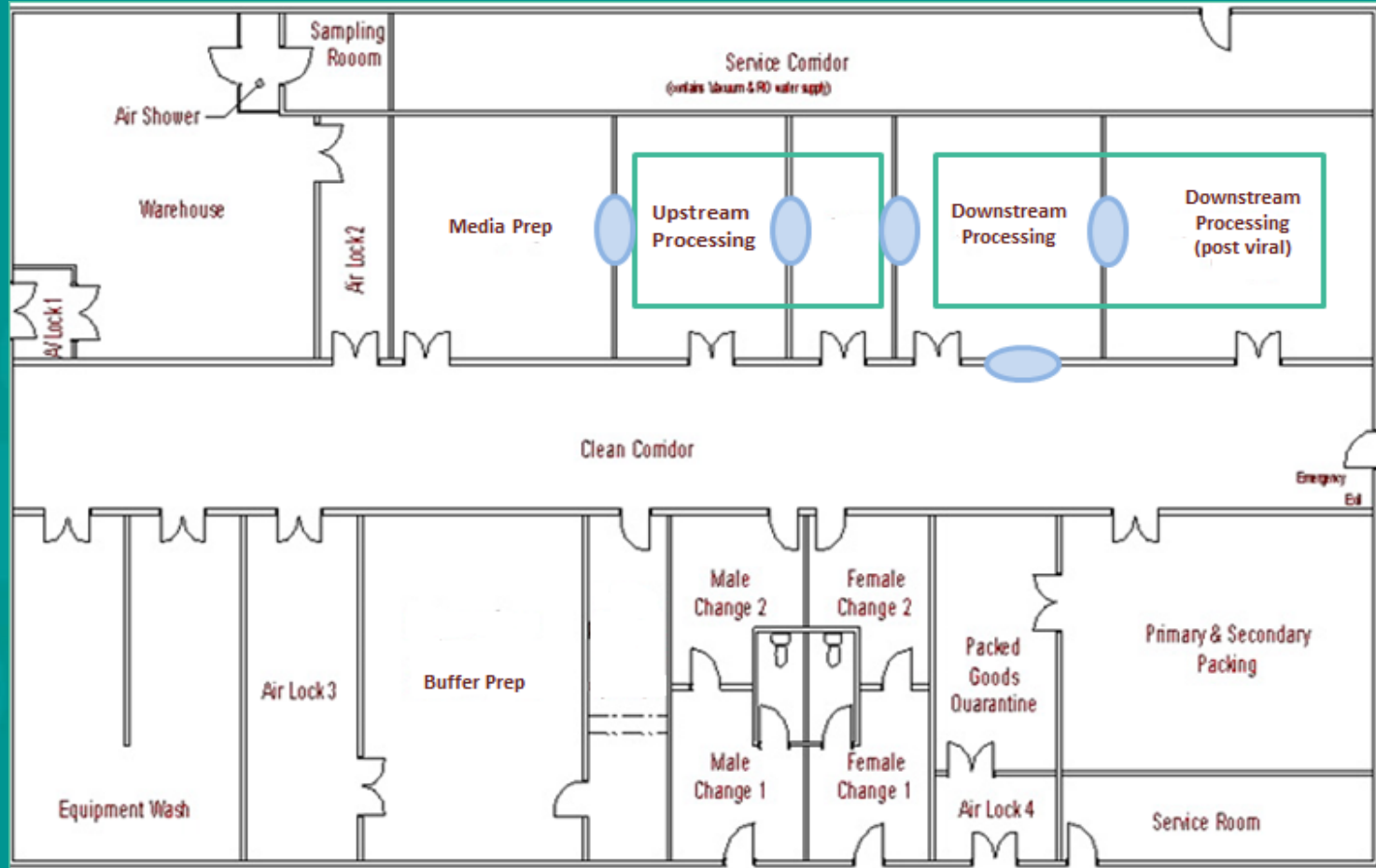
AdvantaPass Features



Applications for Use

Technical Resources

Where will AdvantaPass™ be used?



AdvantaPass™

Wall and Bulk-head Pass Through Technology

- AdvantaPass can be used for:
 - Clean room to dirty hallway – Eliminates storage tank traffic into and out of clean room, storage tank staged outside of clean room.
 - Dirty hallway into Clean room – opposite of above.
 - Hood to production suite – Allows for passing into production suite from hood area.
 - Clean room to Cold storage – Eliminates storage tank traffic into and out of clean room



AdvantaPass™ Case Example

Wall and Bulk-head Pass Through Technology

- Facility : 2000L Bioreactor scale running multiple products
- Problem: Looking for solution that maximized design flexibility, minimized transfer of bins, and could be used with multiple wall thicknesses in all unit operations.
- Solution: AdvantaPass 6” portal with 3 fluid transfer lines (1/2” and 1” tubing) in TPE for welding/sealing
- Where: Used for fluid transfer in 3 areas,
 - Cell Harvest to Protein A
 - Low pH Inactivate to Collection Vessel
 - Chromatography to Nanofiltration

AdvantaPass™

Wall and Bulk-head Pass Through Technology

Video: Setup and Use

AdvantaPass Features

Applications for Use



Technical Resources

AdvantaPass™ White Paper

Applying Single-Use Efficiencies to Room-to-Room Fluid Transfer

*by Tony Butler, ASQ CSSBB
Manager, Single-Use Systems
AdvantaPure®*



AdvantaPass™ User Manual



Patent pending

FROM
AdvantaPURE®
NEWAGE INDUSTRIES
PURITY IN FLUID FLOW SYSTEMS™

ADVANTAPASS™ USER MANUAL REV 1.1



Inquiries for Questions & Quotes



ISO 9001:2008
DEKRA CERTIFIED

ESOP Employee Owned
for Your Benefit

Phone: 1-888-755-4370 (toll free US only)
Phone: 1-215-526-2151 (worldwide)
Email: info@advantapure.com

SEARCH

[HOME](#) [PRODUCTS](#) [NEWS & EVENTS](#) [ABOUT US](#) [FIND A DISTRIBUTOR](#) [INFORMATION REQUEST](#) [CONTACT US](#)

AdvantaPass™

Clean Room Wall and Bulkhead Pass-Through Technology for Single Use Systems

QUESTIONS? / MORE TECHNICAL INFORMATION?

Find Out How AdvantaPass Can Work For You

We invite you to begin a dialog with us about AdvantaPass. Please help us get to know your pass-through needs by taking a moment to fill out the form below. A technical support representative will contact you shortly to discuss your specific application.

What is the thickness of your wall (measured outside to outside)?

What is the material of the interior wall?

What is the material of the exterior wall?



AdvantaPass™ Data Sheet

Cleanroom Wall & Bulkhead AdvantaPass™ Pass-Through Technology

Patent pending



AdvantaPass (patent pending) permits the aseptic transfer of fluids between the walls of pharmaceutical manufacturing suites. It's the first system of its kind to offer complete isolation between different classes of clean rooms when transferring multiple lines of fluid through a single wall portal.

AdvantaPass provides a practical, safe, secure and easy way to move large volumes of liquids from one room to another without the risk of bin leakage or spillage. Its incorporation of Single-Use disposable components eliminates cleaning validation requirements that involve the expense and waste of time, labor and natural resources.



KEY FEATURES

- Single-Use components eliminate the need to clean and validate traditional hard piping transfer lines
- Design flexibility — can be used in new construction or retrofitted into existing facilities; no welding involved
- Accommodates single or multiple fluid flow lines without compromising the isolation barrier functionality
- Provides a reliable method for transferring fluids without physically moving bins and totes, thereby eliminating the risk of breakage, spillage and lost pharmaceutical product during bin transfer
- Uses Single-Use process components made of either platinum-cured silicone or TPE tubing and isolator flanges and seals
- Custom manufactured with standardized parts for each application including a choice of end connections
- Does not involve multiple moving parts or frequent maintenance like other in-wall pass-through systems
- Works with various wall and floor thicknesses
- Assembly and disassembly takes just minutes
- Standard sizes up to 6" diameter; larger sizes on request
- Portal assemblies machined from solid 316L stainless steel
- Purge ports further reduce the chance of cross contamination between non-viral-active and viral-active suites

AdvantaPURE
PURITY IN FLUID FLOW SYSTEMS®

SUS
www.advantapure.com

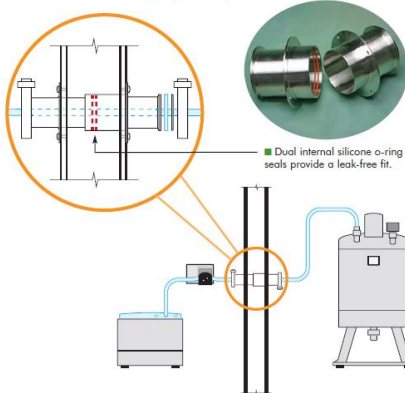
Cleanroom Wall & Bulkhead AdvantaPass™ Pass-Through Technology

Patent pending

Custom Manufactured

The AdvantaPass system is custom made to accommodate different wall thicknesses. It can also be adapted for floor-to-ceiling conveyance. AdvantaPass manages multiple tubing apertures, as well as purge ports, through a single wall portal.

The system can save thousands of dollars as compared to other pass-through methods that involve numerous moving parts and frequent maintenance. AdvantaPass also saves on the sterilization and validation of hard piping transfer systems.



■ Dual internal silicone o-ring seals provide a leak-free fit.

Phone: 215-526-2151 Toll Free Phone: 888-755-4370
www.advantapure.com

SUS

Proven, Reliable Materials

AdvantaPass™ uses 316L stainless steel components such as portal assemblies, end caps and hygienic union clamps to form a secure barrier, while it incorporates single use tubing, seals, gaskets and isolator assemblies for fluid transfer processes. AdvantaPass is offered in standard sizes up to 6" diameter with larger dimensions available on request.

Note: The use of non-BPE-compliant components may result in an improper isolator seal.

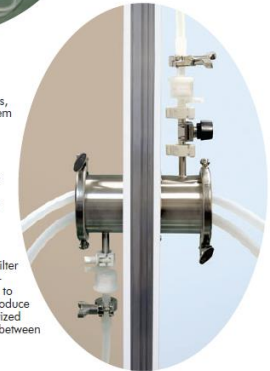


Highly Adaptable

Single or multiple tubing ports, where one pass-through system can serve several different tubes, is unique to AdvantaPass.

Choose from aseptic or open connector configurations to adapt to your process. Single or double isolation barriers maintain the proper environment.

Purge ports are available to filter any potential transfer of viral-active product from one suite to another. Purge ports also introduce filtered air, creating a pressurized portal for complete isolation between classified areas.



■ This cross section view of the AdvantaPass system shows an air purge filtering function.

SUS

AdvantaPURE
PURITY IN FLUID FLOW SYSTEMS®

Phone: 215-526-2151 Toll Free Phone: 888-755-4370
www.advantapure.com

Thank You

The AdvantaPure Team

NewAge Industries AdvantaPure®

Purity in Fluid Flow Systems®