

Purair[®] FLEX

Portable Isolator

30

Cost Effective, Innovative Flexible Design for Pharmaceutical, Forensic and Biological Investigations.



— Purair FLEX-30

Flexible Containment For:

Pharmaceutical Processing, Forensic Evidence Investigation, Biological Contamination, Repair or Manipulation of Contaminated Equipment



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**APPLICATIONS**

- Pharmaceutical Processing
- Forensic Investigation and Processing
- Industrial Cleaning
- Biological Containment

INTRODUCTION

The Purair[®] FLEX is a revolutionary containment product that redefines when and where glove bags can be used. Designed as a flexible, highly portable film isolator, the Purair FLEX permits easy set up and delivers superior containment capability.

The Purair FLEX is constructed of ArmorFlex[®] film which offers complete visual clarity and excellent solvent resistance across a range of chemicals as confirmed by independent product testing.

¹ Linear low-density polyethylene

² Electrostatic discharge

Purair[®] FLEX Portable Isolator

- **Compliant with Multiple Criteria.** ArmorFlex film complies with FDA 21CFR and 2002/72/EC standards for minimal outgassing, solvent and biological reactivity and static resistance.
- **Pharmaceutical Grade Materials.** The Purair FLEX is constructed with FDA approved pharmaceutical grade LLDPE¹ anti-static and ESD² safe and meets European ATEX Directive.
- **Large Workspace.** At 30" (762 mm) wide and an internal volume of 3 cu.ft. (85 L) the Purair FLEX provides a large work area with a 12.5" (317 mm) gas tight zippered access with a 6" (152 mm) diameter opening.
- **Oxygen-free Work Zone.** A nitrogen gas barb is a standard feature to permit creation of an oxygen-free workspace.

Purair FLEX-30

**THE AIR SCIENCE PERFORMANCE ADVANTAGE**

Air Science provides containment solutions to meet any analytical need. The Purair FLEX glove bag provides numerous performance advantages over the competition.

- **Spacious Interior Volume.** An innovative curved film design provides more working volume than any other glove bag on the market.
- **Easy Setup.** Semi-rigid support rods simplify set up and increased stability even if the bag is not inflated to full pressure.

- **Bag-In/Bag-Out Safety.** Additional HEPA filter, Bag-in/Bag-out Port, and Nitrogen purge inlet connections enhance safety to meet specific needs.

BAG-IN/BAG-OUT PORT

- A 7" (200 mm) diameter bag-in/bag-out minimizes exposure to contaminants when changing the filter. The contaminated filter is safely removed through the port and placed into a bag, sealed with a reusable cable tie, and disposed. A new bag is affixed to the port when the replacement filter is installed.

**PRODUCT FEATURES:**

A. Angled Zipper Entry: Gas tight 12.5" (317 mm) zipper with an effective 6" (152 mm) diameter opening.

B. Sealed Ambidextrous Gloves: Allow maximum protection and one size fits all design.

C. Bag-Out: Includes 14" x 24" (355 x 609 mm) bag-out port with reusable cable tie.

D. HEPA Filtration: 3M 2097 P100 particulate filter certified 99.97% efficient at removing solid and liquid particles, including those containing oil. Composed of 3M's Advanced Electret[®] media, the filter provides a lightweight, easy breathing combination better than fiberglass. The filter meets NIOSH P-series test criteria and is flame and water resistant.

E. Nitrogen Barb: Standard feature to allow users to create oxygen-free workspaces.

F. Internal Support Rods: Internal FDA-compliant polypropylene support rods provide structure stabilization even when bag is not fully inflated.

G. Carrying Handle: Folds flat when not in use.

OTHER FEATURES:

Puncture Resistant Construction: Pliable, solvent resistant ArmorFlex[®] film is (8 mm) thick to prevent accidental punctures.

Purair[®] FLEX-30

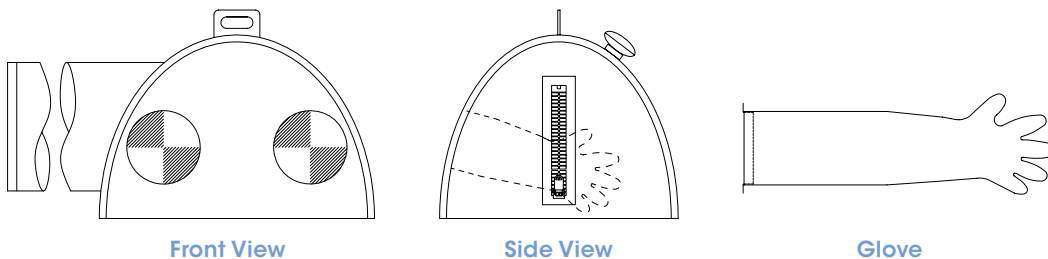


The Purair FLEX shown under positive pressure. Gas-tight zipper access (A) and HEPA filtration port (D) protect personnel and the environment.

ARMORFLEX 113 AND 114

The Purair[®] FLEX is constructed of ArmorFlex[®] 113 and 114 films. These high performance films provide sufficient protection from a variety of contaminant types. Additional benefits include:

- Five-year shelf life
- No incineration or out-gassing concerns
- Tested for solvent resistance
- Superior visual clarity and excellent solvent resistance
- FDA 21 CFR compliant (114)
- Fully compliant to 2002/72/EC and amendments (114)
- Meets test parameters of EP 3.1.3 (114)
- No BADGE, BFDGE, or NOGE materials used
- No phthalates, latex, or silicone used
- No migrating anti-static additives



MODEL	DIMENSIONS	WEIGHT (lbs/Kg)
	External (W x D x H)	Net
Purair FLEX		
FLEX-30	30" x 26" x 20" 762 x 660 x 508 mm	< 10 / 4.5

PRODUCT SPECIFICATIONS

Purair Flex Model	FLEX-30
Construction Bag Film	Clear ArmorFlex polyethylene
Construction Base	Clear ArmorFlex polyethylene
Sleeve Film	Tapered anti-static polyethylene, 17" (450 mm) long, frosted
Gloves	Standard single piece polyethylene gloves
Support Frame	Polypropylene rods, white
Zipper	Gas tight
Pressure Test	750 pa
Breather HEPA Filter	3M 2097 P100 particulate filter, rear wall mounted
Nitrogen Gas Inlet Port	½" side wall mounted
Bag-in/Bag-out Port	7" (200 mm) diameter with reusable cable tie

Specifications are subject to change without notice.

OPERATING CONDITIONS

Operating Temperature Range	32°F to 104°F (0°C to 40°C)
Static Storage Temperature Storage Range	-4°F to 104°F (-20°C to 40°C)
Humidity Range	10% to 100%
Melt Temperature	265°F to 290°F (120°C to 143°C)

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