# Bioprocess Powder Bags

Robust, anti-static single-use powder containment and transfer solution

Our bioprocess powderbags are an ergonomic, robust, closed solution for convenient filling, handling, storing, and transferring of powders used in media, buffer solutions, and active pharmaceutical ingredients (APIs).

Constructed from anti-static, monolayer, polyethylenebased film, these powder containment bags enable full product recovery without requiring a liquid rinse.

Our powder bags can be used in conjunction with a standard mating sanitary flange system or as a standalone unit. Sizes include 5 L, 10 L, 15 L, 25 L, and 50 L capacities, all with 4" sanitary flange dispense ports. An optional  $4" \times 3"$  reducer accessory is also available.

#### **APPLICATIONS**

- Bioprocessing
- Powdered cell culture media and buffer salts, and excipients
- Carbon nanofibers
- Tablets/capsules container
- Aseptic processing



Single-use powder bags are incredibly easy to integrate into any process using equipment with a sanitary connection.



## **FEATURES & BENEFITS**

Single-use system	Reduces cross contamination, maintaining product integrity
	Minimizes risks associated with handling powders and eliminates the need for cleaning and validation, saving time and expense compared to stainless steel systems
Anti-static, monolayer, polyethylene-based film	Enables maximum product recovery, 99.99% product discharge, reducing yield loss
	Single layer film ensures material compatibility in a variety of applications, enabling process versatility
	Eliminates the need for a liquid rinse, eliminating dangerous exposure risks
	Transparent material provides easy product inspection/identification
Ergonomic, reinforced integrated handle	Provides easy lifting
	Hoist compatibility allows easy handling for heavier applications, improving safety
	Optional flange handle for sanitary port provides easier individual or two-person handling for middle weight bags that do not require a hoist
4" sanitary flange connection	Larger opening ensures contained operations of large volume powder transfers, maintaining product integrity and assuring personnel safety
	Compatible with existing standard sanitary flange connection for easy integration to existing processes

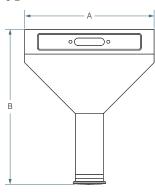
## **SPECIFICATIONS**

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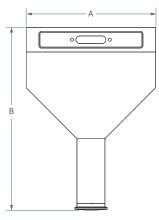
Sizes	5 L, 10 L, 15 L, 25 L, 50 L	
Materials	Flex 125 – Anti-static, monolayer, polyethylene-based film	
Connection	4" sanitary flange dispense port	
Handling	Integrated reinforced handle, hoist compatible	
	Optional flange handle available for sanitary flange port	
Traceability	Units are individually labeled	
Quality	Manufactured in an ISO Class 7 cleanroom	
	100% unit visual inspection	
	Batch pressure testing per ISO 10648-2	
	Validation guide available	
	BSE/TSE free	
	cGMP compliant	
Sterilization	Provided gamma irradiated as standard	

# DIMENSIONS

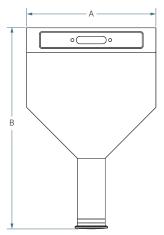
5 L



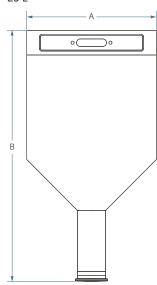
10 L



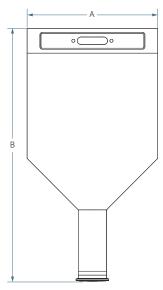
15 L



25 L







#### Dimension Table

Volume	Part #	MOQ	Α	В
5 Liter	FSD04948.01	5	500 mm (19.7")	595 mm (23.4")
10 Liter	FSD04949.01	5	500 mm (19.7")	700 mm (27.6")
15 Liter	FSD04950.01	5	500 mm (19.7")	775 mm (30.5")
25 Liter	FSD04951.01	5	500 mm (19.7")	965 mm (38.0")
50 Liter	FSD04952.01	5	600 mm (23.6")	1085 mm (42.7")

## ORDERING INFORMATION

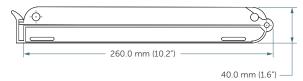
Part number	Volume	Minimum order quantity
FSD04948.01	5 L	5
FSD04949.01	10 L	5
FSD04950.01	15 L	5
FSD04951.01	25 L	5
FSD04952.01	50 L	5

Custom bags are available upon request. Contact Entegris with your requirements.

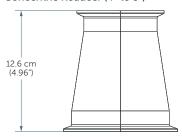
# **ACCESSORIES**

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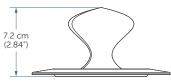
#### Clip



#### Concentric Reducer (4" to 3")



## 4" cap with Knob Handle



Part number	Description
FXD05157.01	4" gasket, 4" cap, 4" tri-clamp
FXD05153.01	Concentric reducer (4" to 3")
FXD05154.01	Powder bag clips
FXD05155.01	4" cap with built-in knob/handle for very heavy filled powder bags

#### FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit <u>entegris.com</u> and select the <u>Contact Us</u> link to find the customer service center nearest you.

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