

Duo-Bag Series Filter Bags



Product Introduction

The innovative Duo-Bag series filter bags offer a highly elegant design to substantially increase the capacity of the filter bag. The unique design of Duo-Bag series filter bags provide larger surface area than typical filter bags, which allows the fluid flowing between the inner and outer media cylinders. Duo-Bag series can easily retrofit most standard bag filter housings. To take advantage of Duo-Bag series in applications where filter bag housings are currently in use, end-users can simply remove the existing bag basket as well as replace it with a Duo-Bag basket and a Duo-Bag filter bag.

- Support basket which exclusively for PPDB must be needed for installation.
- Manufactured under a certified ISO 9001 quality system

Product Specifications

Materials of Construction

- Filter Media: Needle Felt Polypropylene, Needle Felt Polyester
- Ring: Polypropylene, 304 Stainless Steel
- Sealing: Sewn or Thermal Welding

Dimensions

See Table: Filter Bag Dimensions and Typical Liquid Flow Rates for Sizing Recommendation

Performance Specifications

Retention Ratings

- PP: 1, 5, 10, 25, 50, 100 μm
- PE: 1, 5, 10, 25, 50, 100 μm

FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.



Filter Bag Dimensions and Typical Liquid Flow Rates for Sizing Recommendation

Size	Diameter Inch (mm)	Length Inch (mm)	Filtration Surface Area ft ² (m ²)	Flow Rate gpm (M ³ /hr)
Size 1 Filter Bag	7"(177.8)	16"(406.4)	5.2(0.48)	90(20)
Size 2 Filter Bag	7"(177.8)	32"(812.8)	10.0(0.92)	180(40)

Filter Media Properties (Chemical-Temperature)

Media	Max. Temp. (°F/°C)	Strong Acid Resistance	Weak Acid Resistance	Strong Alkali Resistance	Weak Alkali Resistance	Solvents
PP	200-220°F (93-104°C)	Excellent	Excellent	Good	Good	Fair
PE	275-325°F (135-162°C)	Good	Good	Excellent	Excellent	Good

This guide contains general recommendations.

Soak tests or trial use should be conducted to on the specific fluid to confirm compatibility

Ordering Information

PPDB	10	P	2	F-	W
Product Name	Retention Rating	Ring Material	Bag Size	Ring Type	Sealing Method
PPDB (Polypropylene)	1, 5, 10, 25, 50, 100 µm	P=PP S=304SS	1=01 2=02 3=03 4=04	F G S	S=Sewn Type W=Welding Type WS= Welding with Sewn Type