

Filter Bag

Products Features:

- Higher dirt-holding capacity and longer lifetime because of the special material.
- Special handle easy installation and removal, option for Eaton type ring & FSI type ring.
- Polypropylene materials are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21
- The Thermal welded type filter bags feature 100% welded fabrication. This construction eliminates the bypass which can occur in standard sewn filter bags. Waterequip proprietary Thermal welding technology produces a super-strong seam that will stand up to even the most demanding applications without failure.
- All filter bags are manufactured with a proprietary downstream surface treatment to prevent fiber migration. A special finish is obtained by glazing the surface, melting fibers together to form a tight, secure downstream matrix. In addition, the weld seams are heat bonded to eliminate loose fibers which might result during fabrication



Applications:

Prefiltration for RO Desalination
Oil & Gas
Painting
Petrochemicals
Food & Beverage
Semiconductor
Municipal Water

Technical Data:

Materials

Filter Media Polypropylene/Polyester/Nylon
Ring type Polypropylene/SUS304

Size

1# 7" (178mm) dia*17" L
2# 7" (178mm) dia *32" L
3# 4" (102mm) dia * 8" L
4# 4" (102mm) dia *14" L
5# 4" (102mm) dia *20" L

Operation conditions

Max. Temperature ~80 °C
Recommended DP for change-out 1.2-1.6bar

Flowrate & Filtration Area:

Size	Max. Flow Rate	Recommended Flow Rate	Filtration area
1#	20m³/hr	13m³/hr	0.25m²
2#	40m³/hr	26m³/hr	0.5m²
3#	6m³/hr	4m³/hr	0.09m²
4#	12m³/hr	8m³/hr	0.16m²
5#	18m³/hr	12m³/hr	0.2m²

Ordering Information:

BCFB	-01	-PP	-0100		-PE	-S
Product	Size	Media Material	Micron Rating		Ring Material	Technique
Normal Filter Bag	01=Size 1	PP=Polypropylene	0100=1um	4000=40um	PE=Plastic E Type Ring PF=Plastic F Type Ring S=Stainless Steel	S=Seam W=Welding
	02=Size 2		0500=5um	7000=70um		
	03=Size 3	PE=Polyester	1000=10um	10000=100um		
	04=Size 4	NY=Nylon Mesh	1500=15um	20000=200um		
	05=Size 5		2000=20um	25000=250um		

1inch=25.4mm

Notice: Due to filter has variety in design, please contact with Waterequip sales for more information

Housing Options:

Option 1



Classic Bag Housing

Option 2



PlasFlow UPVC Bag Housing

Option 3



PlasFlow PPR Bag Housing

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