



BWF welded filter bags

Welded seam needle felt filter bags for a wide range of liquid applications

BWF series filter bags are specifically designed for liquid filtration for a wide range of industries, including food manufacturing, industrial and chemical. All seams are welded, and no process liquid can bypass through needle holes caused by the sewing process.

The BWF series are available in Size 1, 2 and XL bags, with traditional or moulded ring. Using the moulded ring, a 360° hermetic seal is formed between the filter bag and housing. This ensures maximum filtration performance. This is especially important for critical applications where low micron ratings are required. Moulded rings also feature integrated lifting handles, enabling ease of use as well as faster bag change and installation.



Key features:

- Welded seams
- Extended life versions for 5x longer life
- Moulded ring for improved performance
- Range of materials for compatibility
- High solid holding capability

Applications:

- Filtration of water and utility liquids
- Paint, pigment and ink filtration
- Cooling water pre filtration
- High flow applications

Quality first:

- Manufacturing acc. ISO 9001
- Materials used meet FDA title 21
- Comply with EU Reg. No. 1935/2004
- Full traceability

Protecting process, products and people

Atlas Copco's process filters optimize your productivity while protecting your process, product and consumers. Our portfolio of cartridges and housings covers all your filtration needs. The products are made from proven, high quality materials from reputable suppliers and manufactured in a controlled environment subjected to strict QA/QC procedures.



Product specifications

Materials of construction	
Filter bag	Polypropylene (PP), Polyester (PE)
Neck ring	Polypropylene, Polyester
Dimensions	
Diameter	S1/S2 - 180 mm
Length	S1 - 430mm, S2 - 810 mm
Surface Area	S1 – 0.25m ² , S2 – 0.50m ²
Volume	S1 -11, S2 -20
Operating conditions	
Maximum operating temperature	Polypropylene - 93°C, Polyester - 140°C
Maximum recommended flow rate ²	S1 – 7m ³ /h for 1µm / 12m ³ /h for 5-200µm S2 – 15m ³ /hr for 1µm / 25m ³ /h for 5-200µm

Product configuration

Series	Rating	Bag		Ring	Options
		Size	Type		
BWFP	1µm	S1	V	WP = Moulded PP	F = Food Grade
BWFP-X	5µm	S2		WE = Moulded PE	IP = Individually Packed
BWFE	10µm			PR = PP Ring	
BWFE-X	25µm				
	50µm				
	75µm				
	100µm				
	200µm				

Example: BWFP 5µm S2 V WP F

