



## BMN filter bags

### Nylon monofilament mesh filter bags for a wide range of liquid applications

BMN series filter bags are specifically designed for liquid filtration for a wide range of industries, including food manufacturing, industrial and chemical. The monofilament meshes have a woven structure of single filaments, thermofixed, to give a precise micron rating.

The BMN series are available in Size 1 & 2 bags in a range of micron sizes, depending on material type. Available 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:

- Precise micron rating for critical applications
- High level of mechanical strength
- 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	Nylon
Neck ring	Galvanised Steel, Stainless Steel
Dimensions	
Diameter	Size 1 - 7", Size 2 - 7"
Length	Size 1 - 17", Size 2 - 32"
Surface Area	Size 1 - 3 ft <sup>2</sup> , Size 2 - 5 ft <sup>2</sup>
Volume (l)	Size 1 - 11, Size 2 - 20
Operating conditions	
Maximum operating temperature	Nylon - 230°F

## Product configuration

Series	Rating	Bag		Ring	Options
		Size	Type		
BMN	1µm	S1	U	SR = Galvanised Steel	F = Food Grade
	5µm	S2		SSR = Stainless Steel	IP = Individually Packed
	10µm				
	25µm				
	50µm				
	75µm				
	100µm				
	200µm				
	400µm				
	500µm				

**Example:** BMN 50µm S2 U SSR F

