

Bag Filtration

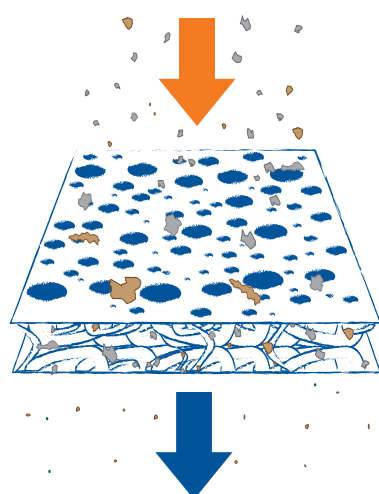
Simple to use and easy to install, bag filters have been successfully integrated into a wide range of applications, providing a versatile and consistent filtration method, across many industries; from paints and lacquers to food and beverage processing.

With different styles, materials and sizes available, bag filtration is ideal for applications where large volumes of fluid need processing and particulate or dirt holding are high.



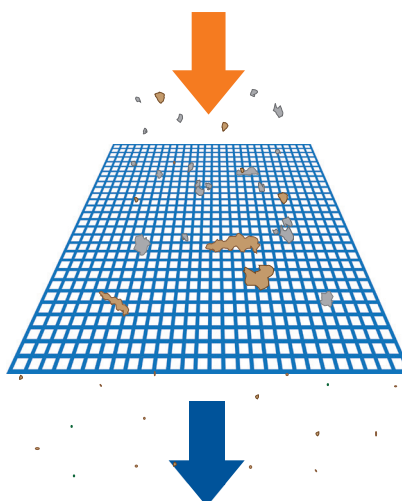
How bag filtration works

Felt made from synthetic fibres in polypropylene or polyester. The proper combination of fibre diameter, weight and thickness results in an economical depth - type filter media. Polypropylene and polyester bags are supplied with a glazed finish to reduce fibre migration.



- Operates on the principle of depth filtration
- Disposable
- Glazed outer finish reduces fibre migration
- Broad chemical compatibility
- High dirt-loading

Monofilament mesh is offered in a nylon woven material. Each thread is a single filament. The openings are square. They have excellent strength and are considered to be cleanable.

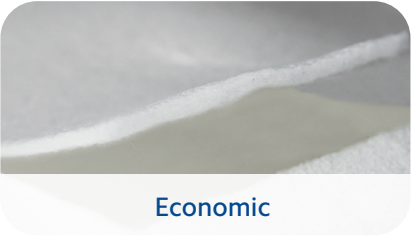


- Operates on the principle of surface filtration
- Reusable or disposable
- Non-fibre releasing
- Good efficiencies
- Can hold large quantities of contaminants under the right conditions

Selecting your bag filter

Filtration Grade

Select the filtration guide suitable



Single layer media, offering the widest micron range and media choice.



Effective pre-filter layer extends service life.



Multi-layer construction for highly efficient particle removal.

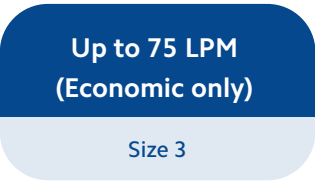
Neck Seal

Select a neck ring based on suitability for an existing housing or the required seal.



Size

Choose the bag size based on the expected flow rate of the application.



Bag Housings

Bag filter housings maximise the efficiency of a filter bag.

Filerder have a diverse selection of bag housings constructed from plastic to stainless steel and with a variety of threaded and flanged ports to suit a range of applications such as high viscosity and high flow rates.



Extended Service Life Bag



 **SPECTRUM**

FDA
Compliant Materials

 **WRAS**
APPROVED MATERIAL

HALAL
Compliant



Standard Range

1-100 micron

The Standard all welded construction of the SPECTRUM bag filter range prevents contamination bypass sometimes associated with stitching pin holes. Featuring a double-layer graded density construction, the first “pre-filter” layer traps larger particles and gelatinous contaminants, which often cause premature blinding, with the second, finer filtration layer effectively trapping unwanted particulate.

Key Features

Polypropylene Felt (P)

- Reduced changeout, waste and process downtime
- Depth characteristics provide high dirt loading
- Service life increased with dual layer staged media
- Glazed surface finish eliminates fibre migration
- Broad chemical compatibility
- All welded construction

Neck Seal



Fits SPECTRUM housings and retrofit (retrofitting FSI, GAF and Hayward) flanged neck (S)

Specification

Neck Material

Polypropylene

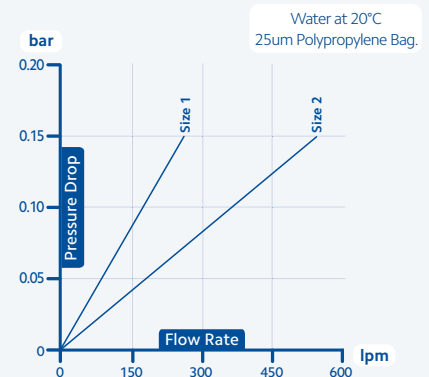
Max. Operating Temperature

95°C

Max. Operating Pressure Differential

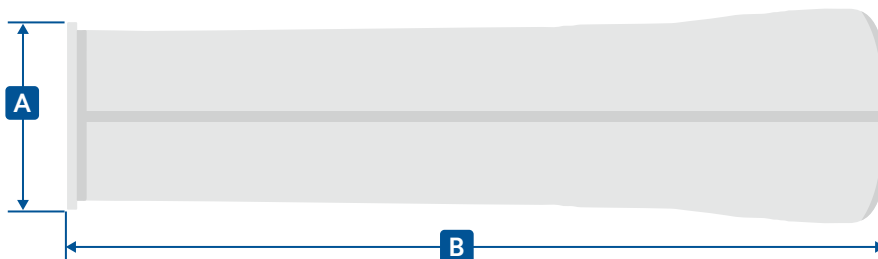
1 bar

Flow Rate (lpm)



Fully welded seams for improved strength & efficiency

Dimensions



| Bag Size | Dimensions | | |
|----------|------------|--------|-----------|
| | A (mm) | B (mm) | Area (m²) |
| 1 | 178 | 406 | 0.23 |
| 2 | 178 | 813 | 0.41 |

Part Number

| Code | Media | | Micron | | Size |
|------|-------------------|---|-----------------------|---|------|
| SB | Polypropylene (P) | - | 1, 5, 10, 25, 50, 100 | - | 1, 2 |

e.g. SBP-5-2