



# Bag Filtration

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# How to Select Your Bag Filter

Four simple steps are all it takes to select a bag filter.

1  
Grade

4  
Neck Seal

2  
Micron  
& Media

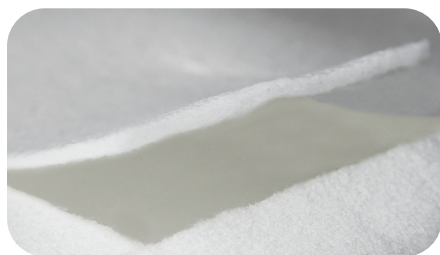
3  
Size

## Need a Bespoke Solution?

With a variety of different neck styles, materials and bag lengths our bespoke bag service can meet the majority of application requirements.

## 1 Filtration Grade

Select the filtration grade suitable for your application.



### Economic

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



### Standard

Effective pre-filter layer extends service life.



### Premier

Multi-layer construction for highly efficient particle removal.



## 2 Micron & Media

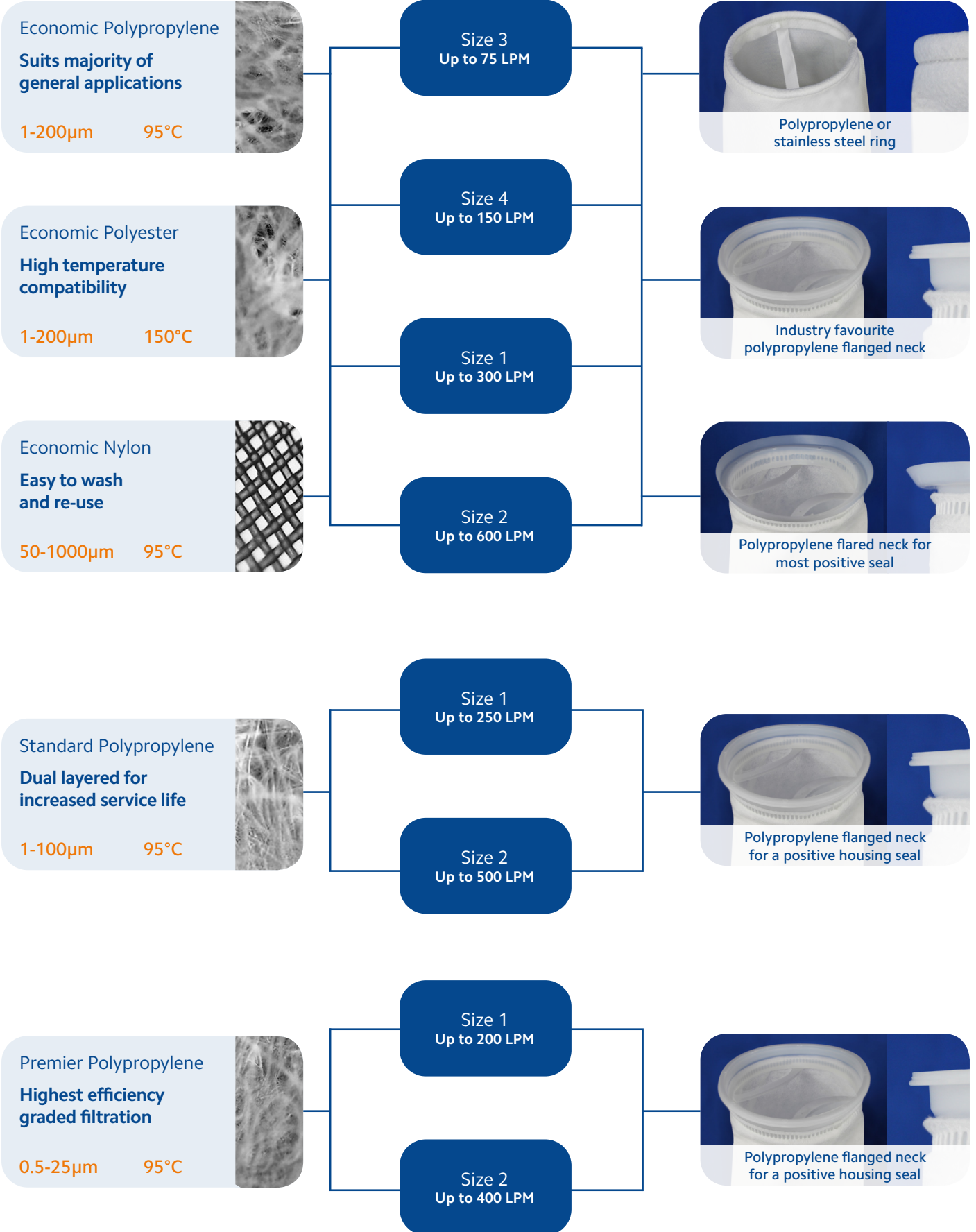
Select media based on required performance, micron and reusability.

## 3 Size

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

## 4 Neck Seal

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



# Flow rates up to 4,000 LPM

## Inox Multi-Round Housing

Designed to suit industry standard size 2 bag filters, multi-round heavy duty housings are suited to high-volume, high dirt-loading and demanding applications.

Each housing utilises a swing-bolt closure system, davit arm assembly and pressure gauges supplied as standard to simplify bag filter operation and changeouts.



PED 2014/68/EU



### Premier Housing (PBH)



#### Davit Arm

Included as standard, the davit lifting arm improves operator safety, whilst making filter change-out quicker, cleaner and more efficient.



#### Bag Hold-Down Device

The secure bag hold-down device locks the bags in place providing a positive seal to minimise any particulate bypass.

# Part Number

Code	No. of Bags	Bag Size	Port Size	Gauge Ports	Gauges	Mounting Legs	Weight (kg)
PBH-SPC-2-2-3F-GP-ML	2	2	3" DN80	✓	✓	✓	105
PBH-SPC-3-2-4F-GP-ML	3	2	4" DN100	✓	✓	✓	135
PBH-SPC-4-2-4F-GP-ML	4	2	4" DN100	✓	✓	✓	170
PBH-SPC-5-2-4F-GP-ML	5	2	4" DN100	✓	✓	✓	265
PBH-SPC-6-2-6F-GP-ML	6	2	6" DN150	✓	✓	✓	300

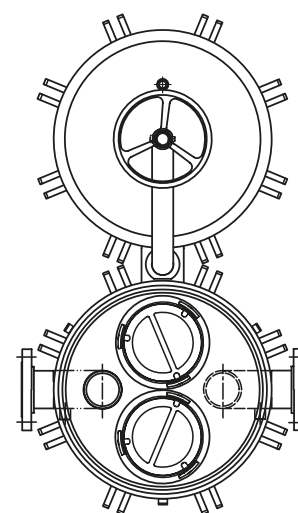
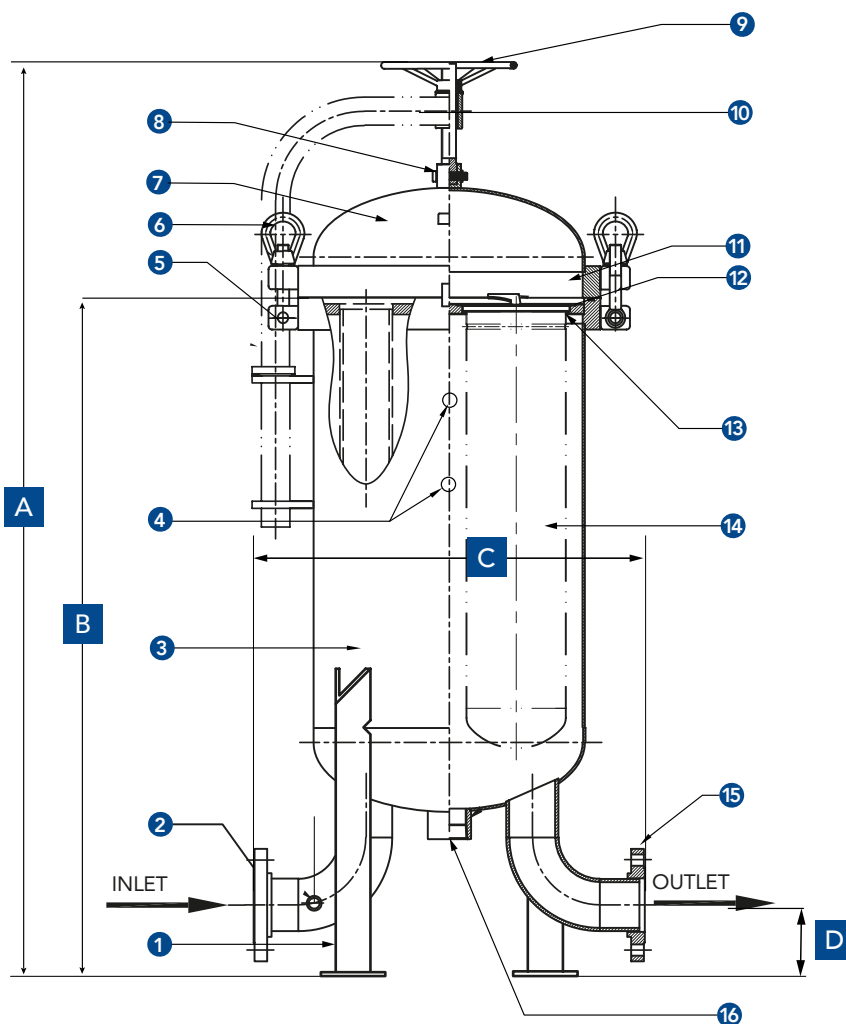
## Specification

**Pressure Rating**  
10 bar

**Material**  
Polycoated 316L Stainless Steel

**Temperature Rating**  
120°C

## Dimensions



No.	Name	Material
1	Mounting Legs	304L SS
2	Flange Inlet	316L SS
3	Body	316L SS
4	¼" FNPT Gauge Ports with Gauges	316L SS
5 & 6	Eyebolt Nut & Pin	Zinc Plated Steel
7	Lid	316L SS
8	½" FNPT Vent Port	316L SS
9&10	Handle & Davit Arm	Zinc Plated Steel
11&12	Basket Seal	Buna-N
13	Bag Hold-Down Device	316L SS
14	Basket (¼" Perforated)	316L SS
15	Flange Outlet	316L SS
16	¼" FNPT Drain Port	316L SS

Code	Flow Rate (LPM)	A (mm)	B (mm)	C (mm)	D (mm)
PBH-SPC-2-2-3F-GP-ML	800	1540	1143	660	120
PBH-SPC-3-2-4F-GP-ML	1350	1589	1155	762	127
PBH-SPC-4-2-4F-GP-ML	1800	1589	1155	762	127
PBH-SPC-5-2-4F-GP-ML	2250	1761	1087	850	233
PBH-SPC-6-2-6F-GP-ML	3400	1761	1168	990	152

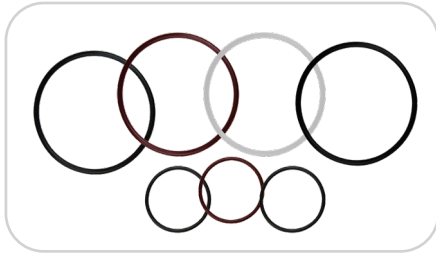


# Spares and Accessories

## Inox Housing Components

Our range of spares and accessories allow you to maintain your housing, add useful performance monitoring equipment, customised to suit your

application depending on the aggressiveness of the solution and ensure system performance and product quality is continuously achieved.



### Housing Seals

O-rings ensure a water-tight seal between the housing head and body.

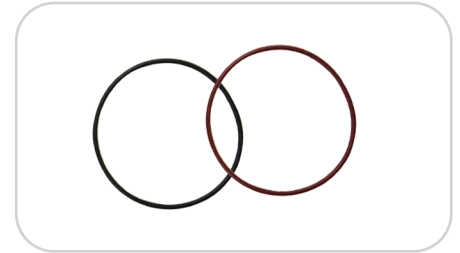
Coming in Buna-N as standard, with EPDM and Viton® available across all housing sizes, and Teflon® available for size 1 and 2 bag housings.



### Flange Connections

Providing security at higher flow rates and simplifying installation.

316L stainless steel flanges are available for single round Premier bag housings and come as standard for multi-rounds.



### Basket Seals

Basket seals reduce bypass between the basket and housing body.

Buna-N, EPDM and Viton® spare basket seals are available for bag housings sizes 3 and 4.



### Baskets

1/8" perforated stainless steel basket supports and protects the bag filter.

Baskets are available in all our standard bag housing sizes, with sizes 3 & 4 being supplied with a Buna-N O-ring as standard.



### Pressure Gauges

Glycerine filled pressure gauges accurately monitors pressure changes.

PG3 pressure gauges are supplied with all SPECTRUM Premier bag housings and are compatible with Standard bag housings.



### Bag Hold-Down Device

The stainless steel device ensures bags are held in place securely.

Bag hold-down devices are provided with all SPECTRUM bag housings.

Bag Hold-Down Device

Basket

Housing Seal

