

How to Select Your Bag Filter

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



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.

Economic Polypropylene
Suits majority of general applications
1-200µm 95°C

Economic Polyester
High temperature compatibility
1-200µm 150°C

Economic Nylon
Easy to wash and re-use
50-1000µm 160°C

Standard Polypropylene
Dual layered for increased service life
1-100µm 95°C

Premier Polypropylene
Highest efficiency graded filtration
0.5-25µm 95°C

3 Size

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

Size 3
Up to 75 LPM

Size 4
Up to 150 LPM

Size 1
Up to 300 LPM

Size 2
Up to 600 LPM

Size 1
Up to 250 LPM

Size 2
Up to 500 LPM

Size 1
Up to 200 LPM

Size 2
Up to 400 LPM

4 Neck Seal

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

Polypropylene or stainless steel ring

Industry favourite polypropylene flanged neck

Polypropylene flared neck for most positive seal

Polypropylene flanged neck for a positive housing seal

Polypropylene flanged neck for a positive housing seal

PAP

PETRO ARTAN PART



Economic Range

1-1000 micron

Utilising a traditional single layer manufacturing method, the SPECTRUM Economic range offers the greatest option in terms of filtration media and neck seal type, providing a suitable solution for most bulk solid removal applications.

Economic felt bags also benefit from an all welded seam construction, meaning they are capable of holding several kgs whilst maintaining filter integrity. Heavy duty handles make changeouts simple, avoiding operator contact with the unwanted filtrate.



Media

Polypropylene Felt (P)

- Glazed surface finish to prevent fibre migration into the filtrate
- Broadest chemical compatibility
- Single layer media with welded seams

Polyester Felt (E)

- Excellent for high temperature solvent compatibility
- Single layer media with welded seams
- Glazed surface finish avoids fibre migration

Nylon Mesh (N)

- Suitable for washing and re-using
- Monofilament mesh with stitched seams provides a high strength media
- Binded Seams

Compliance

MOP & NPC

Neck Seal



Ring seal fits a wide range of housings (E/ES)



Industry favourite (retrofit for FSI, GAF and Hayward) flanged neck (S)



Optimal flanged neck for most positive seal (P)

Specification

Neck Material

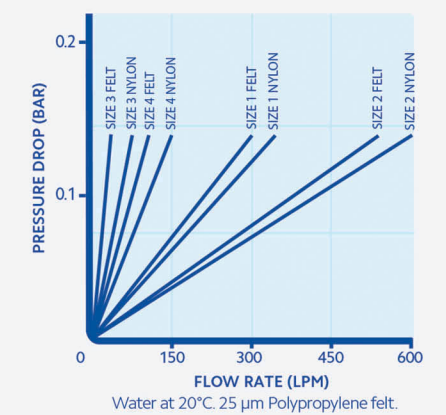
Polypropylene (E, S, P)
Stainless Steel (ES)

Max. Operating Temperature

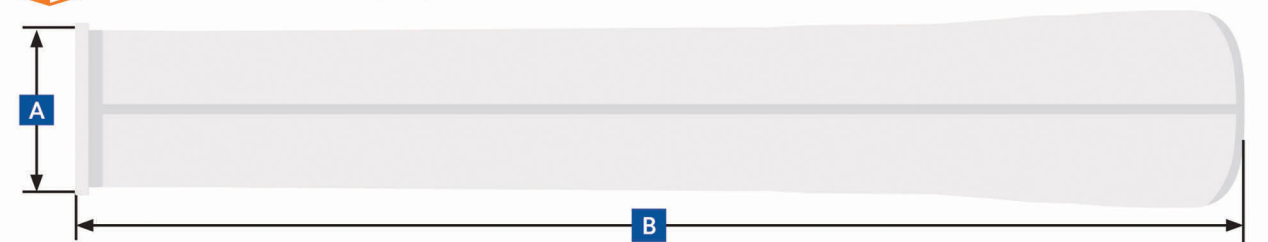
Polypropylene - 95°C
Polyester - 150°C (with ES Neck)
Nylon - 160°C (with ES Neck)

Max. Operating Pressure Differential

1 bar



Dimensions & Packaging



Bag Size	Dimensions		
	A (mm)	B (mm)	Area (m ²)
3	102	229	0.07
4	102	356	0.12
1	178	406	0.23
2	178	813	0.41

Box Qty	Packaging		
	Box Weight (kg) Polypropylene	Box Weight (kg) Polyester	Box Weight (kg) Nylon
50	3	3	2
50	4	4	2
50	8	8	3
50	15	15	4

On-Line Particle Counter (ISO/16889)

