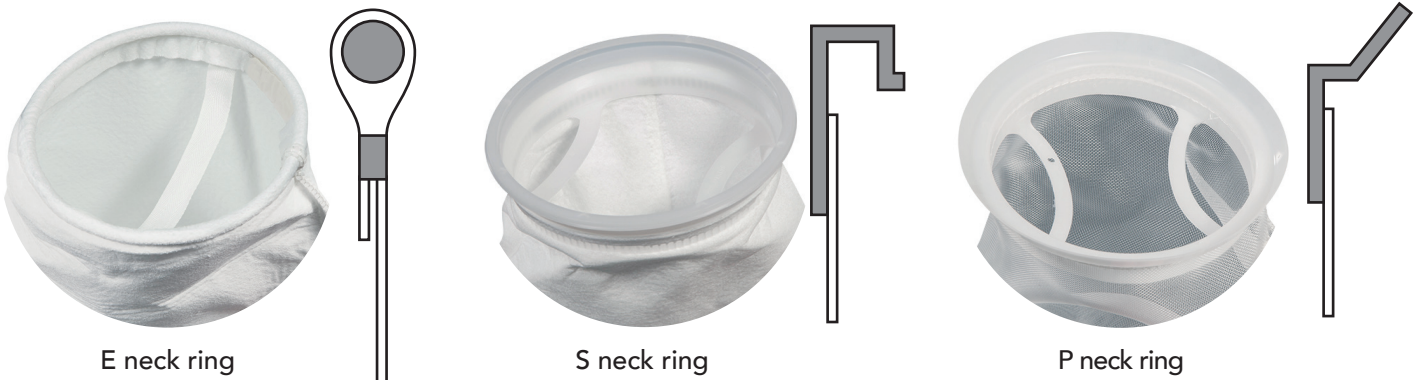




**High flow
single layer filter bag**



E neck ring

S neck ring

P neck ring

Features & Benefits

- All sizes, micron ratings and neck ring options are available
- Each bag includes a handle for fast, easy and cleaner removal
- Seams on Polypropylene and Polyester felt bags are welded to prevent bypass

Materials of construction

Filter Media:	Polypropylene, Polyester, Nylon
Neck Ring:	Polypropylene
Construction:	Thermal Bond (Nylon is sewn)

Construction notes

- Economic felt bags are of welded construction, where the bag fabric is fused together to create a strong seal, reducing the possibility of loose, fibrous edges migrating downstream
- Economic nylon mesh bags are heavy-duty double stitched

Certification

- WRAS approved product
- BS6920 compliant materials
- FDA compliant to CFR Title 21



ECONOMIC FILTER BAG

EB

Technical Data

Maximum Operating Temperature	Polypropylene	95°C (203°F)
	Polyester	150°C (302°F)
	Nylon	160°C (320°F)
Micron Ratings	Polypropylene	1, 5, 10, 25, 50, 100 µm
	Polyester	
	Nylon	50, 100, 150, 200, 300, 400, 500, 800, 1000 µm
Sizes	1, 2, 3, 4	
Maximum Operating Pressure Differential	1 bar (14.5psi)	

Dimensions

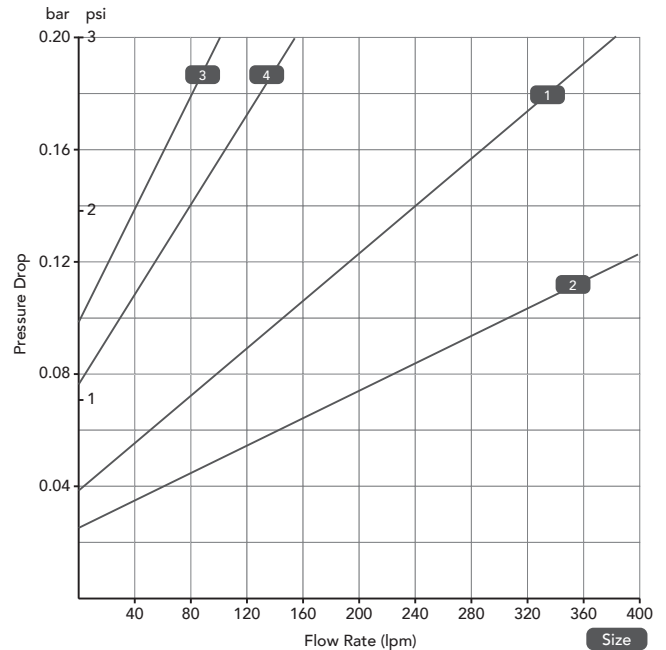
Bag Size 1	Length	16" (410mm)
	Diameter	7" (180mm)
	Area	2.5 ft ² (0.2m ²)
Bag Size 2	Length	32" (813mm)
	Diameter	7" (180mm)
	Area	4.4 ft ² (0.4m ²)
Bag Size 3	Length	9" (229mm)
	Diameter	4" (105mm)
	Area	0.8 ft ² (0.07m ²)
Bag Size 4	Length	14" (356mm)
	Diameter	4" (105mm)
	Area	1.3 ft ² (0.1m ²)

Compatibility

Solution	Polypropylene	Polyester	Nylon
Weak acids	Excellent	Very Good	Fair
Strong acids	Excellent	Good	Poor
Weak Alkali	Excellent	Good	Excellent
Strong Alkali	Excellent	Poor	Excellent
Solvents	Fair	Good	Good

Flow Rate vs Pressure Drop

Pressure drop data obtained using water at 20°C per 25µm polypropylene filter bag. Data represented using its micron rating in the chart below.



Viscosity Conversion Factor

Viscosity CPS	Conversion Factor
1	1
100	.85
200	.58
400	.35
600	.25
800	.17
1,000	.16
1,500	.11
2,000	.08
4,000	.05
6,000	.035
8,000	.026
10,000	.021

ECONOMIC FILTER BAG

EB

Ordering Information

Product Code	Neck Ring	Material	Micron	Box Quantity	Box Weight (kg)			
					Size 1	Size 2	Size 3	Size 4
EB	E, S, P	P (Polypropylene felt) E (Polyester felt)	1, 5, 10, 25, 50, 100, 200	50	8	15	3	4
EB	E, S, P	N (Nylon monomesh)	50, 100, 150, 200, 300, 400, 500, 800, 1000	50	3	4	2	2

EB neck material — micron — size e.g. EBEP-5-1 Note: For a 304 SS neck ring add -S to code