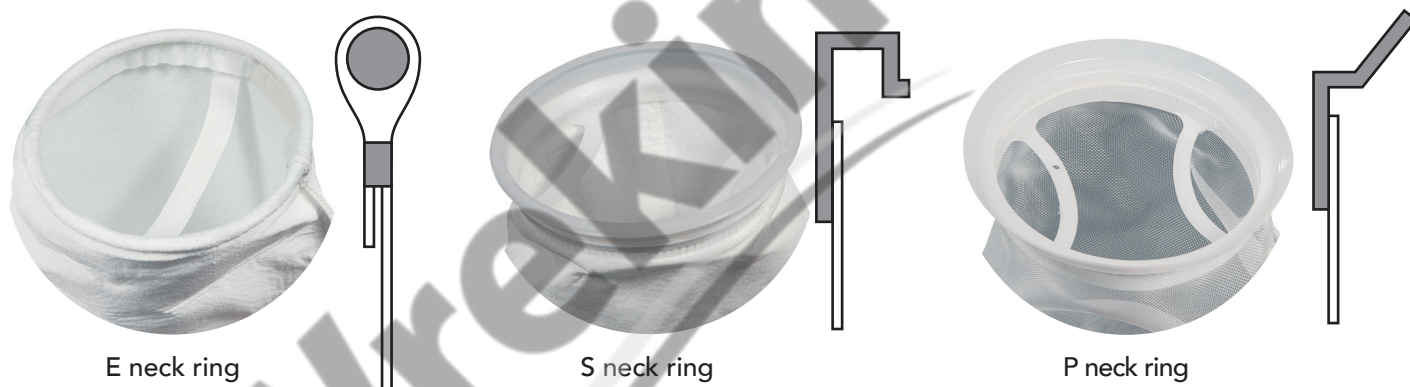




**High flow  
single layer filter bag**



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

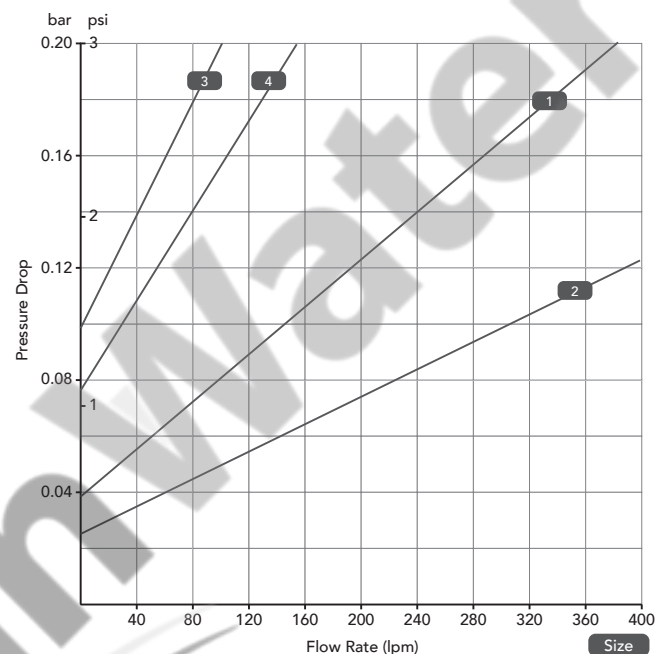
Bag Size 1	Length	16" (410mm)
	Diameter	7" (180mm)
	Area	2.5 ft² (0.2m²)
Bag Size 2	Length	32" (813mm)
	Diameter	7" (180mm)
	Area	4.4 ft² (0.4m²)
Bag Size 3	Length	9" (229mm)
	Diameter	4" (105mm)
	Area	0.8 ft² (0.07m²)
Bag Size 4	Length	14" (356mm)
	Diameter	4" (105mm)
	Area	1.3 ft² (0.1m²)

### 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