

PEX Series

FILTER BAG
EXTENDED LIFE
SIZE 1-2-3-4



MAIN APPLICATIONS:

- DESALINATION
- WATER TREATMENT
- FINE CHEMICAL
- PETROCHEMICAL
- OIL & GAS
- FOOD & BEVERAGE
- POWER GENERATION
- PAINTS AND RESIN
- PHARMACEUTICAL
- MICROELECTRONIC
- GALVANIC
- GENERAL INDUSTRY

CHARACTERISTICS:

- Extended-life needle felt construction
- Fibre free surface treatment
- Silicone oil free
- Approved FDA material (*polypropylene and polyester*)
(*FDA 21 CFR 176.170 and FDA 21 CFR 177.1520© 3.2a*)
- 1935/2004/CE certification available
- Fully thermo-welded construction
- Rounded bottom to fit perfectly in the restrainer basket
- All configurations supplied with handles for easy change out
- Material and filtration rating stamped on the filter media
- Polypropylene PolyformSEAL™ seal ring
- Stainless steel or tinned steel seal ring as option
- Available in two different materials
- Fine diameter fibres for higher void volume to increase the dirt holding capacity
- High thickness felt to increase the dirt holding capacity
- Filtering surface fully micro porous
- 2 to 5 times the dirt holding capacity than traditional needle felt
- Filtration rating from 1 to 200 µm

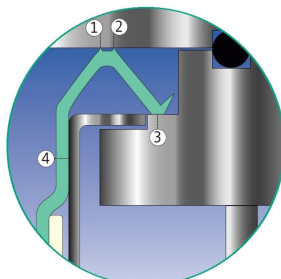
Rounded bottom:

Best fitting in the restrainer basket



PolyformSEAL™ seal:

4 points positive seal for by-pass free filter bag



Extended-life:

Fine fibres and high thk. = high dirt holding capacity



ASCO FILTRI

a **mott** company



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TECHNICAL DATA

WORKING TEMPERATURE

- Polypropylene 93 °C
- Polyester 135 °C

DIFFERENTIAL PRESSURE

- Bag replacement:*
1.7 bar @ 25 °C
- Max. allowable:*
3.5 bar @ 25 °C

CONSTRUCTION MATERIAL

- Polipropilene extended-life
- Poliestere extended-life

DIMENSIONS

- Size 1: Ø 178 x L 419 mm
- Size 2: Ø 178 x L 813 mm
- Size 3: Ø 102 x L 203 mm
- Size 4: Ø 102 x L 356 mm

FILTERING AREA

- Size 1: 0.23 m²
- Size 2: 0.45 m²
- Size 3: 0.06 m²
- Size 4: 0.11 m²

VOLUME

- Size 1: 6.8 litres
- Size 2: 15.1 litres
- Size 3: 1.3 litres
- Size 4: 2.3 litres

Flow-rate / Delta-P data:

Viscosity [cP]	Filtration rating [µm]					
	1	5	10	25	100	200
1	18.0	18.0	18.0	18.0	18.0	18.0
20	11.3	18.0	18.0	18.0	18.0	18.0
30	7.72	14.5	18.0	18.0	18.0	18.0
40	6.13	10.9	15.9	18.0	18.0	18.0
60	4.77	9.08	13.6	18.0	18.0	18.0
80	3.86	6.81	10.2	17.0	18.0	18.0
100	3.18	5.45	7.72	12.5	18.0	18.0
200	1.48	2.95	4.09	6.81	9.54	12.5
400	0.84	1.57	2.72	4.01	5.68	7.04
500	0.64	1.16	1.70	2.95	4.01	5.00
800	0.45	0.82	1.25	2.04	2.95	3.86
1000	0.39	0.68	1.02	1.66	2.27	3.41
1500	0.30	0.52	0.73	1.20	1.59	2.16
2000	0.20	0.40	0.57	0.86	1.25	1.64
4000	0.14	0.27	0.36	0.61	0.79	1.09
6000	0.09	0.18	0.27	0.43	0.59	0.77
8000	0.07	0.13	0.19	0.32	0.41	0.57
10000	0.06	0.10	0.16	0.27	0.36	0.48

Zone	Recommended
Good	Good
Poor	Poor
Not recommended	Not recommended

Liquids flow-rate (m³/h) - Size 1 bag - Initial Delta-P 0.07 bar.

For size 2 bags multiply flow-rate x 1.88.

For size 3 bags multiply flow-rate x 0.28.

For size 4 bags multiply flow-rate x 0.44.

Portata valida per liquidi puliti, ridurre la portata in funzione dell'applicazione.

Available filtration rating:

Media	Filtration rating							
	1	3	5	10	25	50	100	200
Polypropylene	X	X	X	X	X	X	X	X
Polyester	X		X	X	X	X	X	

Contact us for any further information.

We reserve the right to change the data of this specification without notice.

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