

POMF Series

FILTERING BAG
MICROFIBER
SIZE 1-2-3-4



MAIN APPLICATIONS:

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

CHARACTERISTICS:

- Polypropylene microfiber construction
- High filtration efficiency: up to 99.9%
- Excellent oil adsorption capacity
- Up to twelve different graded density layers
- Silicone oil free
- No fibre releasing
- FDA approved polypropylene
(FDA 21 CFR 176.170 e FDA 21 CFR 177.1520© 3.2a)
- 1935/2004/CE certification available
- Filter media thermo-welded to the seal ring
- Double and reinforced internal longitudinal sewn
- Rounded bottom to fit perfectly in the restrainer basket
- Material and filtration rating stamped on the filter media
- All configurations supplied with handles for easy change out
- Polypropylene PolyformSEAL™ seal ring
- Stainless steel or tinned steel seal ring as option
- Filtration rating from 1 to 25 µm

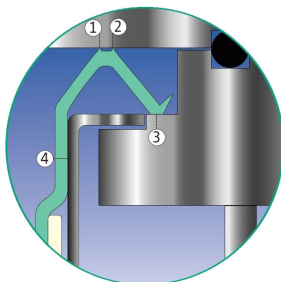
Multi layers construction:

High dirt holding capacity
Depth filtration



PolyformSEAL™ seal:

4 points positive seal for
by-pass free filter bag



Metal ring design



ASCO
FILTRI
a **mott** company

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TECHNICAL DATA

WORKING TEMPERATURE

- Polypropylene 93 °C

DIFFERENTIAL PRESSURE

Filtering bag replacement:

1.7 bar @ 25 °C

Max. allowable:

3.5 bar @ 25 °C

CONSTRUCTION MATERIAL

- Polypropylene microfiber

DIMENSIONS

Size 1: OD 178 x L 419 mm

Size 2: OD 178 x L 813 mm

Size 3: OD 102 x L 203 mm

Size 4: OD 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 liters

Size 2: 15.1 liters

Size 3: 1.3 liters

Size 4: 2.3 liters

Max. allowable flow-rate data:

Size	Flow-rate			
	1 cP	10 cP	100 cP	1000 cP
1	15.0	13.5	4.5	0.6
2	28.0	25.0	8.4	1.2
3	8.0	7.2	2.4	0.3
4	4.5	4.0	1.3	0.2

Liquid flow-rate (m³/h) - Clean Delta-P 0.1 bar.

Flow-rate valid for clean liquids, reduce the flow-rate according to the application.

Filtration efficiency:

Micron	Efficiency	Size removed
1	90.0%	1 - 2 µm
2	99.6%	2 - 5 µm
5	99.3%	5 - 10 µm
10	99.8%	10 - 15 µm
25	99.9%	20 - 30 µm

Available filtration rating:

1, 2, 5, 10, 25 µm

OA = Oil adsorbing

OAXL = High efficiency

Contact us for any further information.

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

ASCO Filtri S.p.A.

Viale delle Scienze, 8
20082 Binasco (MI) - Italy

Phone: +39 02 89703.1

Fax: +39 02 89703.410

E-mail: info@ascofiltri.com

Web: www.ascofiltri.com

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FILTRI
a **mott** company