

NMO Series

FILTERING BAG
MESH
SIZE 1-2-3-4



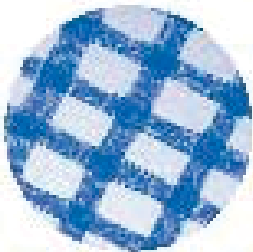
MAIN APPLICATIONS:

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

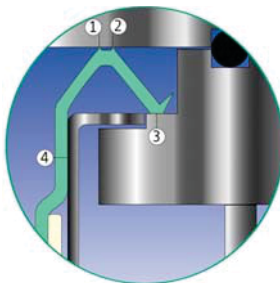
CHARACTERISTICS:

- Mesh construction
- Precision woven filtration media
- Smooth extruded surface (*nylon, polypropylene, polyester*): cleanable
- Multiple twisted strands (*polyester*): high dirt holding capacity
- Silicone oil free
- Non fibre releasing
- Approved FDA material (*polypropylene and polyester*)
(FDA 21 CFR 176.170 e FDA 21 CFR 177.1520@ 3.2a)
- 1935/2004/CE certification available upon request
- Filter media thermo-welded to the seal ring
- Double and reinforced longitudinal sewn
- Rounded bottom to fit perfectly in the restrainer basket
- All configurations supplied with handles for easy change out
- Polypropylene PolyformSEAL™ seal ring
- Stainless steel or tinned steel seal ring as option
- Available in four different materials
- Filtration rating from 1 to 2000 µm

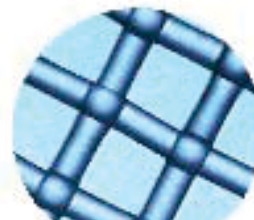
Multi filament construction:
High dirt holding capacity



PolyformSEAL™ seal:
4 points positive seal for
by-pass free filter bag



Mono filament construction:
High filtration precision
Cleanable



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TECHNICAL DATA

WORKING TEMPERATURE

- Polypropylene 93 °C
- Nylon 135 °C
- Polyester 135 °C

DIFFERENTIAL PRESSURE

Bag replacement:

1.7 bar @ 25 °C

Max. allowable:

3.5 bar @ 25 °C

CONSTRUCTION MATERIAL

- Nylon monofilament
- Polyester monofilament
- Polyester multiple filament
- Polypropylene monofilo

DIMENSIONS

- Size 1: Dia. 178 x L 419 mm
- Size 2: Dia. 178 x L 813 mm
- Size 3: Dia. 102 x L 203 mm
- Size 4: Dia. 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]		
	150-250	300-600	600-800
1	11.0	13.8	14.8
20	11.0	13.8	14.8
30	11.0	13.8	14.8
40	11.0	13.8	14.8
60	11.0	13.8	14.8
80	11.0	13.8	14.8
100	11.0	13.8	14.8
200	11.0	13.8	14.8
400	11.0	13.8	14.8
500	7.72	10.2	14.8
800	5.68	7.72	10.9
1000	4.77	6.13	9.08
1500	3.41	4.01	6.13
2000	2.73	3.63	4.99
4000	1.70	2.27	3.40
6000	1.16	1.54	2.27
8000	0.84	1.14	1.66
10000	0.75	0.95	1.45

Zone	Recommended
Yellow	Good
Light Blue	Poor
Dark Blue	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.

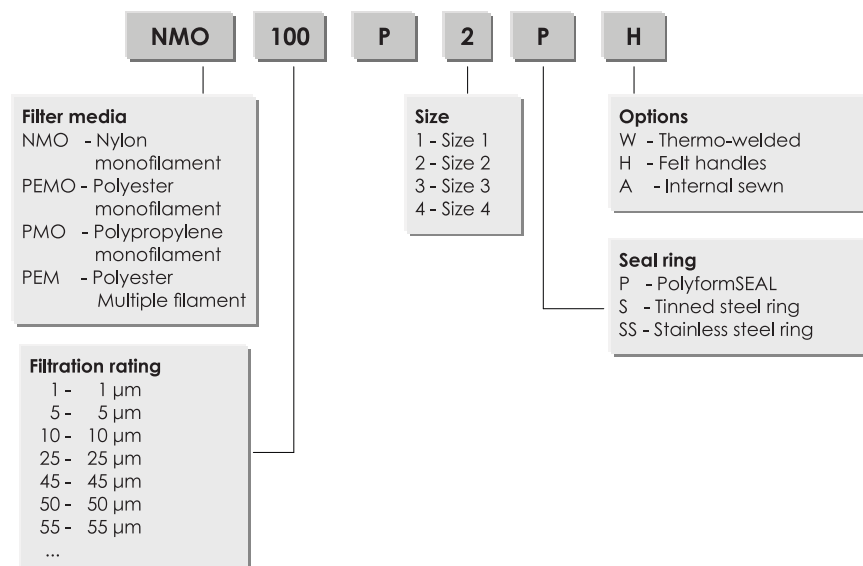
For size 4 bags multiply flow-rate x 0.44.

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

Available filtration rating:

Nylon monofilament	1, 5, 10, 25, 45, 50, 55, 70, 75, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 800, 1000 µm
Polyester monofilament	1, 5, 10, 75, 100, 125, 150, 200, 250, 300, 400 µm
Polyester multiple filament	100, 150, 200, 250, 300, 400, 500, 600, 800, 1000, 1500, 2000 µm
Polypropylene monofilament	200, 300, 400, 600, 800 µm

Ordering information:



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



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