

# NYLON FILTERS



## NMO Series

FILTERING BAG  
MESH  
SIZE 1-2-3-4

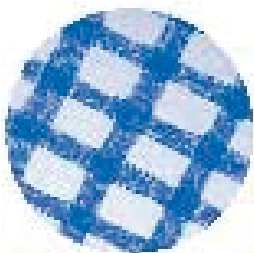
### MAIN APPLICATIONS:

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

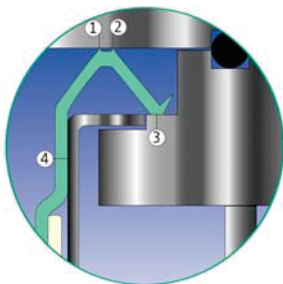
### CHARACTERISTICS:

- 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  $\mu\text{m}$

**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



NAMOCI.SI

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**FILTERING BAG**  
**MESH**  
**SIZE 1-2-3-4**

## TECHNICAL DATA

### WORKING TEMPERATURE

- Nylon 135 °C

### DIFFERENTIAL PRESSURE

Bag replacement:

1.7 bar @ 25 °C

Max. allowable:

3.5 bar @ 25 °C

### CONSTRUCTION MATERIAL

- Nylon monofilament

### 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 m<sup>2</sup>

Size 2: 0.45 m<sup>2</sup>

Size 3: 0.06 m<sup>2</sup>

Size 4: 0.11 m<sup>2</sup>

### 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 (m<sup>3</sup>/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.

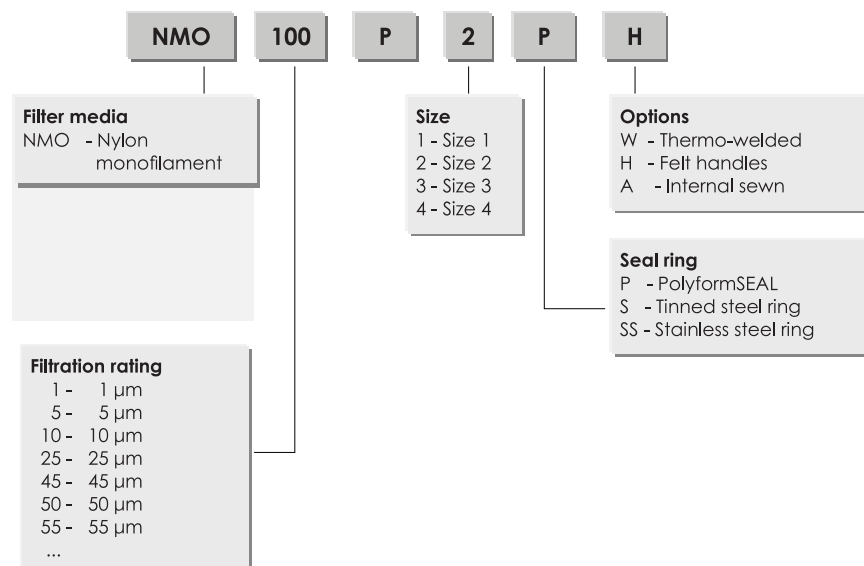
Flow-rate valid for clean liquids, reduce the flow-rate according to the application.

### 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

### Ordering information:



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