

## Washable and reusable monofilament bag for prefiltration and clarification applications.



### Conditions of use

Max pressure loss	2,4 bar
Recommended replacement differential pressure	0,7 - 1,4 bar
Max flow rate	20 m <sup>3</sup> /h (size 10)

### Description

QUALIPOCHE M filter bags are made from woven synthetic yarns (nylon, polyester, polypropylene). They are perfectly suited for coarse filtration operations. The monofilament media construction allows easy cleaning and reuse of the bag.

Filter bags < 100µm are manufactured with a reinforcement at the seams to avoid preferential passage of liquid through the needle holes.

The wide range of filter materials offers excellent chemical compatibility for a variety of industrial applications.

QUALIPOCHE M bags are available in a wide range of lengths, diameters and rings to easily accommodate most industrial standards.

### Characteristics & benefits

- Wide range of porosity from 1 to 1500 µm.
- Standard or custom bags.
- Many choices of filtration materials: polypropylene (PP), polyester (PE), Nylon.
- O-ring available in polypropylene, galvanized steel and stainless steel versions for maximal compatibility with chemicals and high temperatures.
- Available with molded rings according to several industry standards for a better sealing.
- Woven handle on O-ring bags for better grip.
- Complies with EU regulations 1935/2004, EU 10/2011 and its amendments, EU 2023/2006 and complies with FDA regulations according to 21 CFR parts 177-1520, 176-170 and 177-1500 (in IW code).
- Made from silicone-free materials.
- Lot number on bags and packaging.

### Chemical compatibility

	Polypropylene	Polyester	Nylon
Alkaline	+++	-	+++
Acid	+++	+++	-
Oxidizer	-	+++	+
Solvent	+	++	++
Tmax (°C)	90	140	120

+++ Excellent | ++ Good | + Fair | - Not compatible

Note: displayed temperatures are only applicable for metal rings. If polypropylene ring, do not go above 90°C.

## ORDER REFERENCE

Example :



### A / Size

Code	Diameter (mm)	Length (mm)	Volume (liters)	Area (dm <sup>2</sup> )
10	180	450	10	26
10W	180	540	5	40
20	180	820	19	44
20W	180	820	10	70
30	260	860	42	65
40	260	1070	53	85
03	95	230	1.1	6
04	107	230	1.2	8
05	110	230	1.3	9
07	95	385	2.3	11
08	107	385	2.8	12
09	110	385	3.2	14
x100	152	510	5.6	18
BB10	107	218	1.1	6
BB20	107	457	3.8	15

### B / Media

Code	Material
MN	Nylon monofilament
MPE	Polyester monofilament
MPO	Polypropylene monofilament

### C / Retention threshold

Code	Porosity	MN	MPE	MPO
1	1 µm	.		
5	5 µm	.	.	
10	10 µm	.	.	
25	25 µm	.	.	
50	50 µm	.	.	
75	75 µm	.	.	
100	100 µm	.	.	.
125	125 µm	.		
150	150 µm	.		

Code	Porosity	MN	MPE	MPO
175	175 µm	.		
200	200 µm	.	.	.
250	250 µm	.	.	
300	300 µm	.		.
350	350 µm	.		
400	400 µm	.	.	
500	500 µm	.		.
600	600 µm	.	.	
800	800 µm	.	.	
1000	1000 µm	.	.	.
1500	1500 µm	.		

### D / Ring

Code	O-ring	Available sizes
EH	Galvanized steel	All
S	Stainless steel	All
P	Polypropylene	All

Code	Molded ring	Available sizes
ERP	Profile 1 [PP]	10 / 20
ERS	Profile 1 [PES]	10 / 20
PR	Profile 1 [Santoprene™]	10 / 20
EFS	Profile 2 [PP]	10 / 20 / 04 / 08
EFSE	Profile 2 [PES]	10 / 20 / 04 / 08
X10P	Profile 3 [PP]	X100
EAP	Profile 4 [PP]	10 / 20
EAPE	Profile 4 [PES]	10 / 20
EAS	Profile 4 [Santoprene™]	10 / 20

### E / Options

Code	Description
IW	Indicates that the bags are wrapped individually. If not mentioned, bags are wrapped in batches.
LG	Standard filter bags with increased length.

