

# QUALIPOCHE SLEEVE

Housing-free filter bag

EN Data sheet

Ideal for applications without filter housing.



## Description

QUALIPOCHE SLEEVE filter bags are made from woven synthetic yarns (nylon, polyester, polypropylene) or from non-woven felt. They are used in several types of industrial operations, such as foods, paints, cosmetics, varnishes and pharmaceuticals. 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.

QUALIPOCHE SLEEVE are available in a wide range of lengths, diameters and shapes to easily accommodate most industrial standards.

## Characteristics & benefits

- Wide range of porosity from 1 to 1500 µm.
- Does not require bag filter housing.
- Many choices of filtration materials: polypropylene (PP), polyester (PE), Nylon.
- Drawstring in polypropylene.
- 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   |

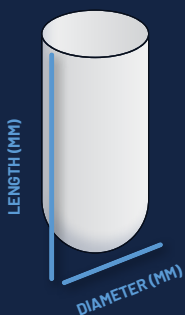
+++ Excellent | ++ Good | + Fair | - Not compatible

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

## 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) |

## CUSTOMIZED DESIGN



### CUSTOM SIZES

You can choose a specific Diameter (D) and Length (L) for your filter bag.

For more information, see "Order reference" section, table A, page 2.

### CUSTOM SHAPES



FLAT U-SHAPE V-SHAPE

For more information, see "Order reference" section, table D, page 2.

## ORDER REFERENCE

Example :



### A / Size

| Standard sizes |               |             |                 |                         |
|----------------|---------------|-------------|-----------------|-------------------------|
| 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                      |

| Custom sizes |               |             |                 |                         |
|--------------|---------------|-------------|-----------------|-------------------------|
| Code         | Diameter (mm) | Length (mm) | Volume (liters) | Area (dm <sup>2</sup> ) |
| D x L        | D             | L           | /               | /                       |

Code to enter for a filter bag: Diameter 170mm, Length 500mm :

**170 x 500** (170) (500) / /

### B / Media

| Code | Material                   |
|------|----------------------------|
| MN   | Nylon monofilament         |
| MPE  | Polyester monofilament     |
| MPO  | Polypropylene monofilament |
| PE   | Polyester felt             |
| PO   | Polypropylene felt         |

### C / Retention threshold

| Code | Porosity | MN | MPE | MPO | PE | PO |
|------|----------|----|-----|-----|----|----|
| 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   | •  |     |     |    |    |
| 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 / Bottom shape

| Code | Shape   | Available sizes |
|------|---------|-----------------|
| F    | Flat    | All             |
| U    | U-Shape | All             |
| V    | V-Shape | All             |

### E / Options

| Code | Description  |
|------|--|
| IW   | Indicates that the bags are wrapped individually. If not mentioned, bags are wrapped in batches. |