

CLEANPORE BAG FILTERS FOR ALL INDUSTRIAL APPLICATIONS

Porefilter CleanPore bag filter range offers a wide range of replacement bag and mesh filters for initial conditioning and clarification of liquids and solutions in industrial and food & beverage applications, offering a high solids removal capability.

CleanPore bags are offered in a wide range of materials, micron ratings (extended life and high efficiency options available), lengths and collars or rings allowing Porefilter to offer a cost-effective alternative bag to any existing application. In combination with PVBI industrial or PVBH hygienic bag filter housings offer simplex or duplex industrial filtration systems for new installation or plant expansions.

All CleanPore bag filter are Silicone free. Porefilter as well as a complete range of liquid filter bags to fit all standard size filter housings plus we offer a customising service for bag supply upon request.

AVAILABLE MATERIALS

- Polypropylene, polyester, Nylon, Nomex and PTFE needlefelt
- Polypropylene and polyester extended life needlefelt
- Nylon, Polyester and PTFE monofilament mesh
- Polyester multifilament

MICRON RATINGS:

- Polypropylene & Polyester: 0.5, 1, 2.5, 5, 10, 25, 50, 75, 100, 150 200 µm
- Nylon: 1, 5, 10, 25, 50, 100, 200 µm
- Nylon mono filament mesh: 1, 5, 10, 25, 50, 75, 100, 125, 150, 200 250, 300, 400, 500, 600, 800, 1000, 1200...µm
- Other product ratings on request



TYPICAL APPLICATIONS

PREFILTRATION
REMOVAL OF SEDIMENT, PIPEWORK
DEBRIS, AND GELATINOUS IMPURITIES
FROM WATER
CHEMICALS & OILS
COOLANTS
PAINTS & COATINGS
FOOD & BEVERAGE



SIZING

| SIZING | LENGTH (mm) | DIAMETER (mm) | AREA (m ²) | VOLUME (litr) |
|--------|-------------|---------------|------------------------|---------------|
| 3 | 230 | 103 | 0,05 | 1,9 |
| 4 | 385 | 103 | 0,09 | 3,8 |
| 1 | 410 | 177 | 0,19 | 7,9 |
| 2 | 815 | 177 | 0,50 | 17,4 |

CHEMICAL COMPATIBILITIES

| MATERIAL | ORGANIC SOLVENTS | ANIMAL VEGETABLE & PETO OILS | MICROORGANISM | ALKALIES | ORGANIC AGENTS | OXIDIZING SUBSTANCES | MINERAL ACID |
|---------------|------------------|------------------------------|---------------|-----------|----------------|----------------------|--------------|
| Polyester | Very good | Very good | Very good | Good | Good | Good | Good |
| Polipropylene | Very good | Very good | Very good | Very good | Very good | Good | Good |
| Nylon | Very good | Very good | Very good | Good | Fair | Poor | Poor |
| Nomex | Very good | Very good | Very good | Good | Fair | Poor | Poor |
| Teflon | Very good | Very good | Very good | Very good | Very good | Very good | Very good |

PRODUCT OPTIONS

| COLLAR OR RING | COLLAR SHAPE |
|-------------------------|--|
| PO Polypropylene collar | L Equivalent for Polylock (FSI, Pall) |
| PE Polyester collar | H Equivalent for Sentitel (Eaton) |
| PZ Santoprene collar | X100 Equivalent for X100 (FSI, Pall) |
| S Steel ring | R Equivalent for Ronninger-Peter |
| SS Stainless steel ring | B Bottom collar (HFW) |
| ST Teflon ring | |
| SPO | |

| OPERATING PARAMETERS | |
|---------------------------|-------------------------|
| Max operating temperature | |
| 80°C | Polypropylene non-woven |
| 130°C | Polyester non-woven |
| 120°C | Nylon non-woven |
| 220°C | Nomex non-woven |
| 250°C | PTFE non-woven |
| 120°C | Nylon mesh |

MORE FROM POREFILTER:

Depth Filters – Pleated Depth Filters – Membrane filters – Carbon filters – Bag Filters – St.St. Filters – Basket Filters – Strainers – Hygienic & Industrial liquid housings – Gas housings

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