

PORE FILTRATION

CLEANPORE BAG FILTERS FOR ALL INDUSTRIAL APPLICATIONS

PoreFiltration 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 PoreFiltration 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. PoreFiltration 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



TECHNICAL DETAILS

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 PORE FILTRATION:

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

CONTACT PORE FILTRATION:

www.porefiltration.co.uk • enquires@porefiltration.co.uk
Unit 26 • Oak Business Centre • 79-93 Ratcliffe Road
Sileby • Loughborough • LE12 7PU