

CLAROX® PL

FILTER CARTRIDGES

For trap filtration after D.E. and PVPP precoat filters



FILTRIX quality assurance

FILTRIX assures the best quality control according to international standards:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- HACCP

Global migration test

CLAROX® PL filter cartridges meet European directives 82/711/EEC, 80/128/EEC, 92/39 EEC, 93/8 EEC, 93/9 EEC, 2002/72 EC and 2004/19 EC «Global migration test for extractables».

Biological safety

Component materials meet the USP specifications for class VI – 121°C biological tests for plastics.

Characteristics

CLAROX® PL are absolute rated cartridges, combining the benefits of surface and depth filtration. They are especially designed to retain remaining particles after D.E., PVPP or other precoat filters. CLAROX® PL cartridges ensure product safety in case of precoat breakthroughs.

The pleated construction enlarges the effective filter area which results in higher dirt holding capacity and significantly longer service life compared to conventional spin-wound cartridges. CLAROX® PL cartridges are completely made of polypropylene.

Advantages

- High flow rate
- High dirt holding capacity
- Long filtration cycles
- Filter material is food grade and fibre free
- Very good chemical resistance
- Easy cleaning by backflushing

Flow rates for Beer

CLAROX® PL 10 F3S, 1.0 micron	15 hl / h / 30"
CLAROX® PL 30 F3S, 3.0 micron	18 hl / h / 30"
CLAROX® PL 50 F3S, 5.0 micron	20 hl / h / 30"
CLAROX® PL 11 F3S, 10 micron	25 hl / h / 30"

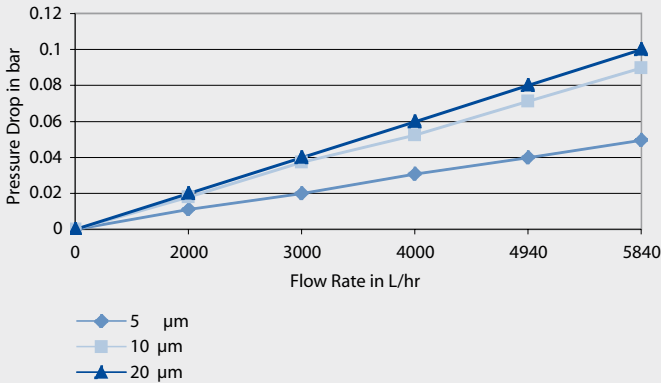
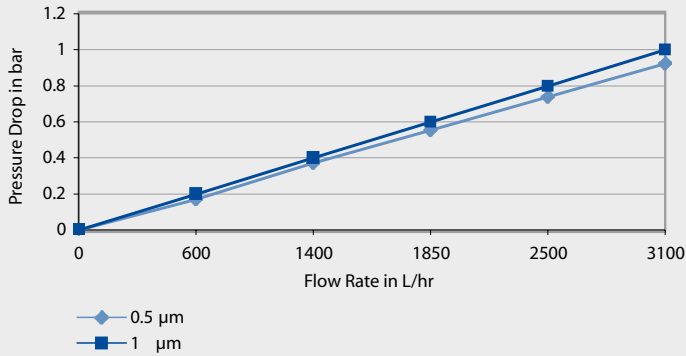


CLAROX PL cartridges can be used in different housings such as the FILTRIX SECUROX® BF series

Chemical Resistance

Will withstand strong acids and alkalis, light oxidising and reducing agents, electroplating, and organic solvents. Not compatible with strong oxidising agents, e.g. 98% sulphuric acid, fuming nitric and bromic acid; CHC and aromatic solvents, e.g. benzene, toluene.

Water Flow rate for 10" cartridges



Instruction for Regeneration and Sterilisation

The following steps have to be performed every day after filtration:

- Rinse the cartridges with cold water in opposite direction of filtration for approx. 10 min. If possible rinse the cartridges with 1½ times the previous filtration flow.
- Rinse the cartridges with warm water of 40 – 50° C. (to dissolve proteins) in opposite direction of filtration for approx. 10 min. This step of regeneration should also be done with 1½ times the previous filtration flow.
- Increase the temperature to 80 – 90°C and hold this temperature for 20 – 30 minutes. This step should be done in direction of filtration.
- Cool down the filter with cold water and leave the filter until the next filtration with a pressure of approx. 1 bar.
- Cleaning with a 2% NaOH solution is also possible. The temperature can be up to 60° C.

Ensure that the water used for the regeneration and sterilisation is free of lime and rust. We recommend to filter the water with cartridges that have a similar micron rating as the CLAROX® PL you are regenerating.

Filtermedia	Pleated polypropylene layer, all construction materials PP 3 – 5 layers of filter fleeces
Core	Polypropylene
Length	30" (standard)
Micron rating	1.0 µm / 3.0 µm / 5.0 µm / 10.0 µm absolute
Differential Pressure	max. 500 kPa (73 psi) at 20 °C max. 200 kPa (29 psi) at 80 °C
Backflushing	max. 200 kPa (29 psi) at 20 °C
Temperature	85 °C hot water sterilisation
Resistance	121 °C steam for 30 min.
Operating Temperature	max. 80 °C
Packaging	One cartridge per box



Your FILTROX dealer:

The information contained in this pamphlet is up-to-date at the time of release. However, each end user is requested to check the suitability of their product(s) with the types of filtration mentioned in this leaflet. Technical modifications are reserved.