

CLAROX® PL

FILTER CARTRIDGES

Pre- and fine filtration for a wide range of beverages



- CLAROX® PL cartridges are absolute rated cartridges, combining the benefits of surface and depth filtration and are designed for clarification in the Food and Beverage industry. The pleated construction enlarges the effective filter area which results in higher dirt holding capacity.
- The special design allows an exceptional chemical regeneration and an easier backwashing process.
- High flow rate.
- High dirt holding capacity.
- Steamable.
- Easy cleaning by backflushing.
- EC-listed materials for food contact.
- FDA-listed materials per CFR21.

Materials of construction

Filter media	Polypropylene
Upstream support	Polypropylene
Downstream support	Polypropylene
Internal core	Polypropylene
External cage	Polypropylene
Adapter and end caps	Polypropylene

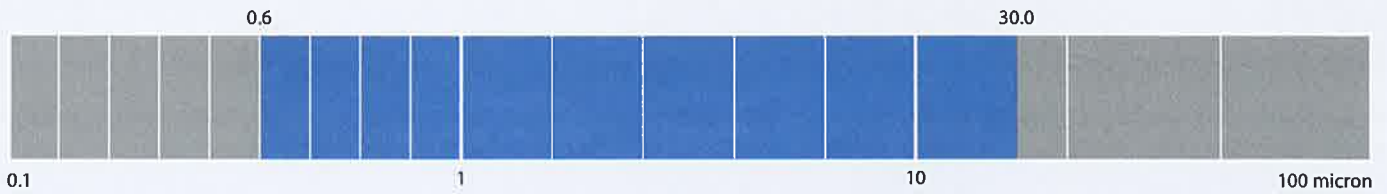
Operating conditions

Max. continuous operating temperature	65 °C
Max. differential pressure	5.0 bar at 20 °C
Max. differential pressure back-flushing	2.0 bar at 20 °C
Recommended change out differential pressure	2.0 bar at 20 °C
Thermal sterilization	Water at 85 °C max. 30 min.
Sterilization by steam	Continuously with cycles of 30 min. at 121 °C

Technical data

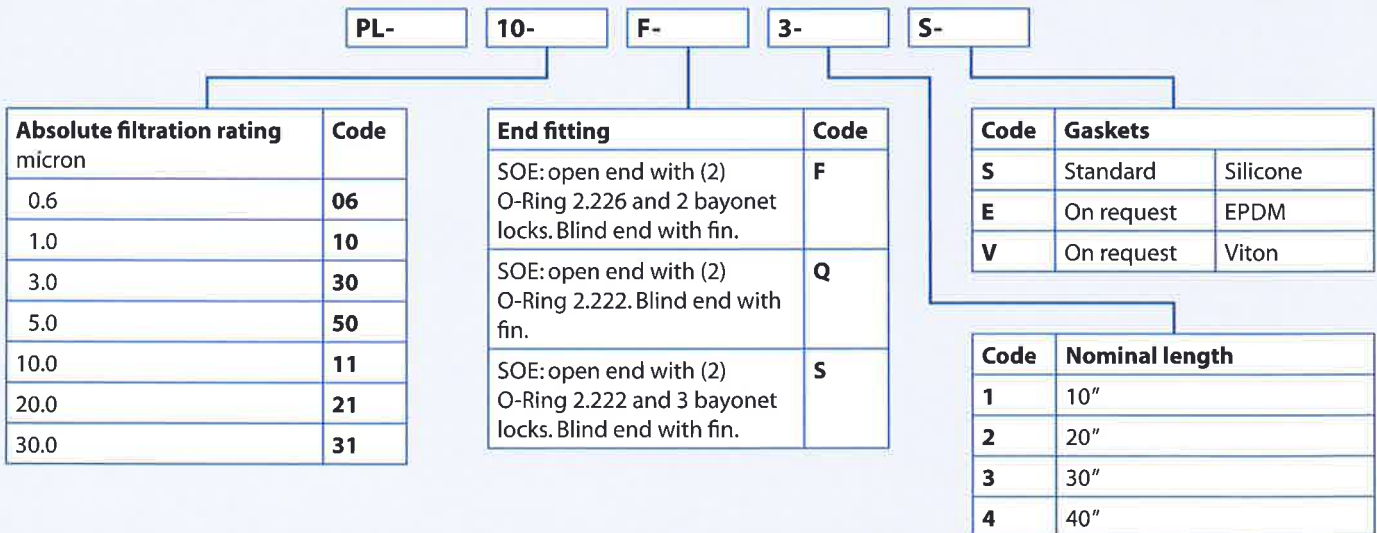
Description	CLAROX® PL
Absolute filtration rating (efficiency > 99.98%)	0.5 / 1.0 / 3.0 / 5.0 / 10.0 / 20.0 / 30.0 micron Other porosities on request
Performances per cartridge 10"	From 200–1500 l/h depending on temperature, product and micron rating

Micron range of CLAROX® PL



General data	
Application area	Water, wine, distillates, beer, softdrinks, juices, syrup.
Chemicals resistance, allowed products	Withstands acids and alkalis, pH 2 to 10, alcohols, solvents.
Chemicals resistance, not allowed products	Not compatible with strong oxidizing agents, e.g. 98% sulfuric acid, fuming nitric and bromic acid; CHC and aromatic solvents – benzene, toluene.
Food safety	European directive 82/711/ECC, 85/572/ECC, 89/109/ECC, 93/8/ECC, 97/48/EC, 2001/61/EC, 2002/16/EC, 2002/72/EC and 2004/19/EC for food contact use and global migration.
Bio safety	Component materials meet the USP specifications for class VI – 121 °C. Biological tests for plastics.
FDA regulation	CLAROX® PL cartridges meet the FDA regulation according to Vol 21, CAP 176.170 and 177.1520.
Quality standards	Produced under a certified quality system to guarantee traceability of manufacturing records.
Packing unit	One cartridge per box.

CLAROX® PL ordering information



Your FILTROX dealer:

Data contained in this bulletin are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for user's method of application.