



## **Stainless Steel Housing PF-EG**

For Liquid Filtration

# PF-EG Stainless Steel Housing

## Ultrafilter P-EG

- The PF-EG stainless steel housing was developed for purification of beverages, such as beer, soft-drinks, mineral water as well as product water for many applications.
- PF-EG housings are first choice in critical applications in sterile filtration.

## Features and advantages

- 12 different sizes for operating volumes from 3 to 600 l/min.
- Complies to the requirements of the European directive 97/23/EG for pressure vessels.
- Bajonet-connection guarantees that the elements remain safely fixed at all times.
- Different element sizes can be installed due to the modular design.
- DN 40 clamp connection at housing top

### Maximum Operating Pressure

For liquids	10 bar at 50°C
For saturated steam	3,7 bar at 150°C
Type 0600:	3 bar at 144°C

### Maximum Design Temperature

180 °C depending on filter element and gaskets

## Applications

- Chemical Industry
- Aseptic packing
- Pharmaceutical Industry
- Biotechnology
- Cosmetics Industry
- Breweries
- Dairies
- Food and beverages
- Water treatment systems
- Fermentation processes

### Connection Types

Milkpipe acc. to DIN 11851	Standard
Inlet	Coupling nut and liner connection
Outlet	Male thread connection
Welded ends, other connections and bigger housings, in request	

### Surface Finish

Inner and outer: 0012 – 0600	Etched and passivated
Superplus version: 0003 – 0600	Electropolished Ra 0,8

### Materials

Filter housing	Stainless steel 1.4404 (316L)
Housing gasket	EPM [other gasket upon request]