

Hall Pyke



Stainless Steel Filters

P-GS

The SMART choice for filtration

P-GS

The P-GS filter is designed for removal of particles from gases, liquids and steam.

Features

- Good durability against most liquids, aggressive gases and steams.
- The porosity level is more than 50 % ensuring high particle and dirt load capacity as well as a good flow rate at a low differential pressure.
- Regeneration by ultrasonic bath.

Materials of Manufacture

Filter media	Sintered SS 1.4404
Endcaps	SS 1.4301
Bonding material	Plastic Steel*
O-Rings	EPM**
* > 150oC welded endcaps	
** Silicone, Buna N, Viton, Aflas or Kalrez on request	

Filtration surface

494 cm² per 10" element (10/30) (250 mm)

Absolute retention rate

1 µm, 5 µm, 25 µm

Temperature range

-20 oC to 210 oC

Max. differential pressure

5 bar

Applications

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| <ul style="list-style-type: none"> • Aseptic packing • Breweries • Chemical Industry • Dairy industry • Electronic industry | <ul style="list-style-type: none"> • Fermentation processes • food and beverages • Pharmaceutical Industry • Plastic industry |
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Features	Benefits
• Filter medium and endcaps made of stainless steel	• Good durability against most liquids, gases and aggressive steams
• Retention rate of 1 µm, 5 µm and 25 µm (98% efficiency for steam and 100 % efficiency for gases)	• Exactly defined particle retention rate at given pore size
• Sintered stainless steel filter medium with a porosity level of more than 50 %	• High dirt holding capacity, good flow rate at low differential pressure
• Regenerable with ultrasonic bath	• Filtration costs reduced to a minimum, in particular for high dirt load
• Stainless steel sintering technology	• No use of additives or other chemical binders needed
• Available in 13 sizes	• Optimum filter size for individual application
• Components made of stainless steel	• Temperature range from -20 oC up to 210 oC

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