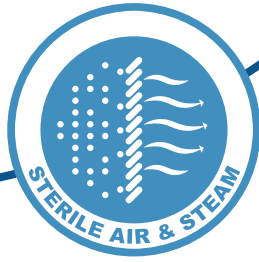



ULTRAFILTER
THE FILTRATION MANUFACTURER
THE SCANDINAVIAN FILTRATION PARTNER



ULTRAFILTER STEAM FILTER P-GS









WWW.ULTRA-FILTER.COM

STEAM FILTER

P-GS



Technical Data

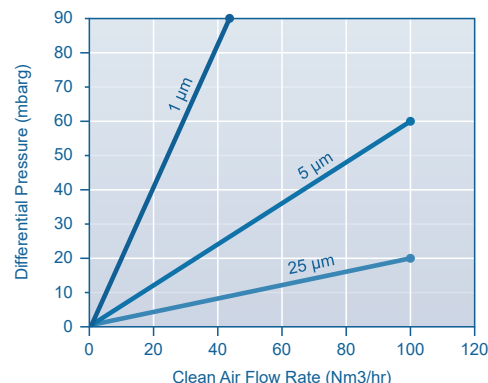
-  Sintered steel SS316L
-  1 µm, 5 µm or 25 µm
-  98 (steam) / 100% (gasses)
-  -20°C to 210°C
-  Max. 5 bar
-  Stainless steel SS304 end caps
Code Y (UF), DOE or Code 7
-  EPDM (others available)
-  FDA CFR article 21/EC 1935/2004
Validated and Approved

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

The P-GS consists of a restorable weldless filter pipe made from sintered stainless steel. The filter is well suited for culinary steam – where contact with production machines and end product is needed.

The P-GS is suited for use in temperatures ranging from -20°C to 210°C and has a maximal differential pressure tolerance of 5 bar.

Flow rate of a 10" P-GS element - air (1bar, 20°C) / saturated steam 121°C



Applications	1 µm	5 µm	25 µm	Conversion factor for steam temperature				
Food Contact	•			Steam temperature °C	110	121	140	160
General use of steam		•		Conversion factor	0,5	1	2	3
Pre-filtration of steam			•	Filtration Surface				
				494 cm2 per 10" element (10/30) (250 mm)				

OPTIONS



Viton Seal
-15 / +200°C



PTFE Seal
-200 / +260°C



Silicone Seal
-55 / +200°C



Welded End
Caps

STEAM FILTER

P-GS



Element Dimensions (mm)

Element size	A	B	Ø C	Ø D	Filtration Surface
03/10	76	12	¾"	42	59,28 cm ²
04/10	104	12	¾"	42	83,98 cm ²
04/20	104	14	1"	52	93,86 cm ²
05/20	104	14	1"	52	93,86 cm ²
05/25	128	14	1"	62	158 cm ²
07/25	180	14	1"	62	232 cm ²
05/30	128	16	2"	86	227 cm ²
07/30	180	16	2"	86	336 cm ²
10/30	254	16	2"	86	494 cm ²
15/30	381	16	2"	86	766 cm ²
20/30	508	16	2"	86	1037 cm ²
30/30	762	16	2"	86	1620 cm ²
30/50	762	16	2"	140	2910 cm ²

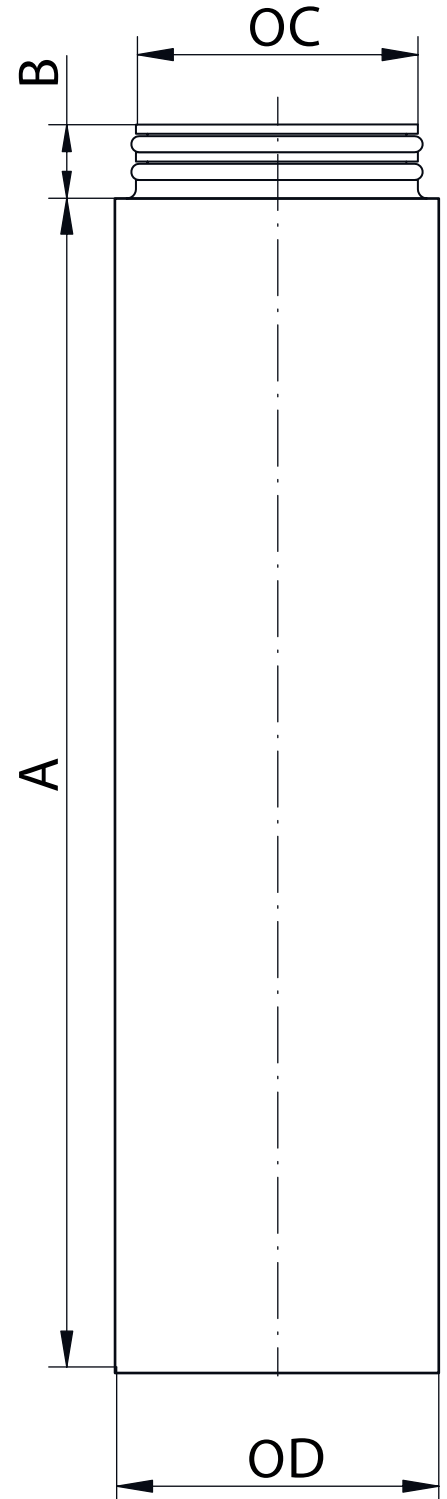
Materials

Filter media	Sintered SS 1.4404
Endcaps	SS 1.4301
Bonding material	Plastic Steel (>150°C welded endcaps)
O-rings	EPDM (others available)

Features

Benefits

Filter medium and endcaps made of stainless steel	Good durability against most liquids, gases and aggressive steams
Retention rate of 1, 5 or 25 µm (98% efficiency for steam, 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
Compents made of stainless steel	Temperature range from -20 up to 210°C





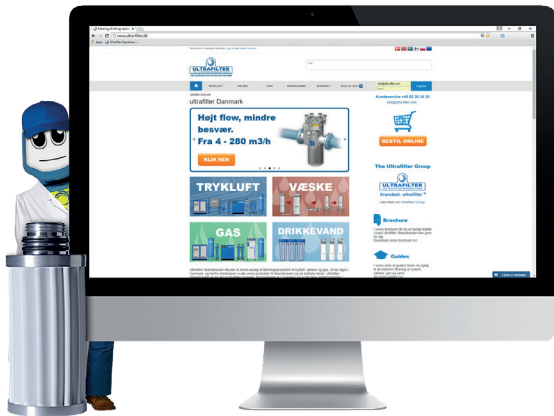
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At www.ultra-filter.com you will find a wide selection of filtration products ready for you to order.



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ABOUT US

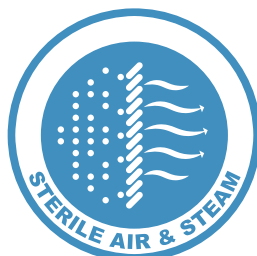
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter group. Our production facility is in Germany and we have several subsidiaries in Europe and the United States.

You can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website (www.ultra-filter.com).

We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you. We also offer on going service on our products once they are installed.

FILTRATION OF



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