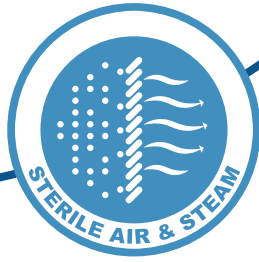



ULTRAFILTER
THE FILTRATION MANUFACTURER
THE SCANDINAVIAN FILTRATION PARTNER



ULTRAFILTER PROCES AIR PREFILTER ELEMENTS








WWW.ULTRA-FILTER.COM

PROCESS AIR PREFILTER ELEMENT

P-FF / P-MF / P-SMF



Technical Data

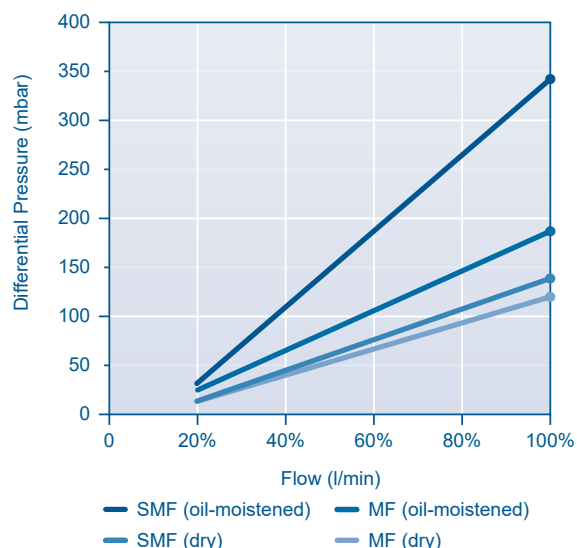
-  Binderfree nanofibres, Pleated cerex
-  0,01 μm
-  99,999% - 99,99999%
-  -20°C to 80°C
-  Max. 5 bar @ 20°C
-  Stainless steel SS304 end caps
-  Perbunan Gasket (others available)

All our standard coalescing, particulate and activated carbon filters are available as pre-filters for our stainless steel filter housings for critical installations.

Thanks to the unique combination of binder free, non-woven nanofiber filter media and our special pleating techniques, we can achieve a reduction of energy costs up to 70%, at a higher than regular efficiency.

The new nanofiber material from ultrafilter is oleo phobic, which means that the oil and water particles are actively rejected in order to keep a low differential pressure drop, and consequently the operating costs are reduced to a minimum compared with a conventional filter element.

All metal components on the prefilter elements are made of stainless steel.



Type	Filtration rate	Efficiency	Residual oil content	Oil retention rate acc. ISO 12500-1	Start-up differential pressure	Max. differential pressure
P-FF	0,01 μm	99,999%	0,1 mg/m^3	99,6%	0,04 bar	5 bar at 20°C
P-MF	0,01 μm	99,99998%	0,03 mg/m^3	99,7%	0,08 bar	5 bar at 20°C
P-SMF	0,01 μm	99,99999%	<0,01 mg/m^3	99,8%	0,09 bar	5 bar at 20°C
P-AK	Activated Carbon	N/A	0,003 mg/m^3		0,07 bar	2 bar at 20°C

PROCESS AIR PREFILTER ELEMENT

P-FF / P-MF / P-SMF



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

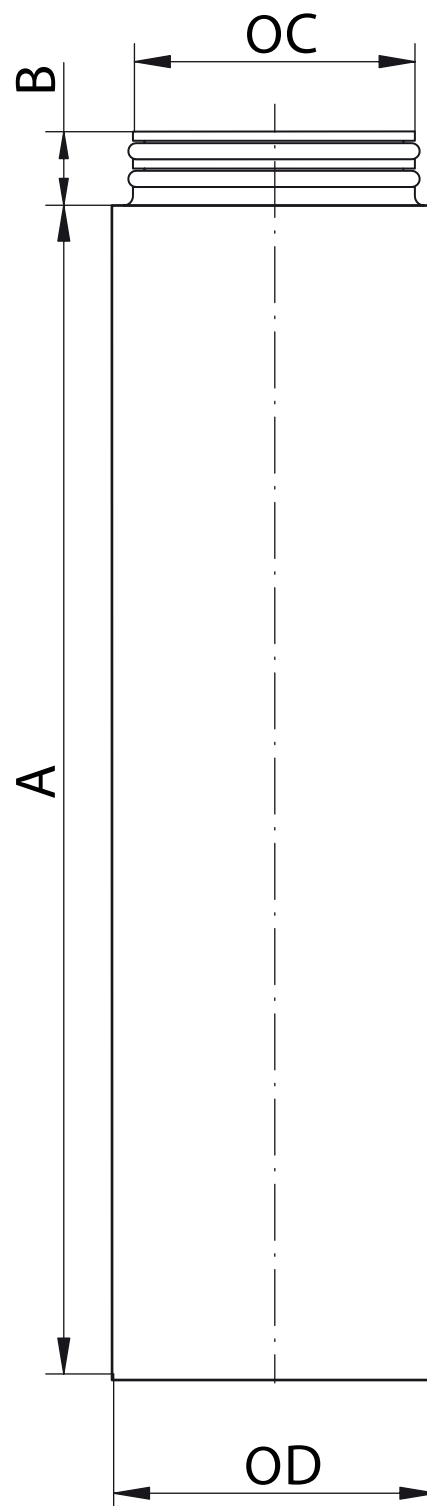
Materials

Support sleeves inner/outer	Stainless steel 1.4301
Pre- and after filter medium	Pleated cerex
Outer foam sock	HT/CR sock up to 120°C HT/NX sock up to 180°C
Filter medium	Binderfree nanofibres
Bonding	Polyurethane
End Caps	Stainless steel
O-rings	Perbunan, silicone free and free of parting compounds

Features

Benefits

Binderfree, thermally welded nanofilter media	Low differential pressure and high particle load
Oleophobe filter media	Rejects oil and water
Pleated filter media	450% more filtration surface, high particle load capacity, low air flow speed
Support sleeves of stainless steel (316L)	Extremely large free flow, secure and long operation





ULTRAFILTER

THE FILTRATION MANUFACTURER

THE SCANDINAVIAN FILTRATION PARTNER

SHOP ONLINE

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



www.ultra-filter.com

ABOUT US

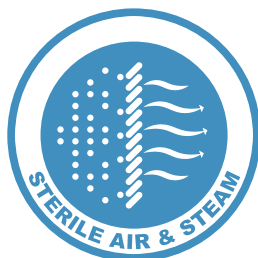
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

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



ULTRAFILTER SKANDINAVIEN APS

Sunekær 1
5471 Søndersø
Denmark

+45 82 30 30 20
info@ultra-filter.com
www.ultra-filter.com