



ULTRAFILTER VENT FILTER ELEMENT P-BE

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STERILE VENT FILTER ELEMENT

P-BE



The P-BE is a wounded depth filter with inner and outer guard end caps made of stainless steel. Consisting of a three-dimensional borosilicate depth media, the P-BE achieves a void volume of 95 %, ensuring a high containment capacity at high flow rates and low differential pressure. A retention rate of > 99.999 % related to 0.01 μm is achieved during operation.










All components meet the FDA requirements for the contact with food in accordance with the CFR requirements (code of federal regulations) title 21.

The filter element can be sterilised for continuous use up to 100 times. Regeneration is done by in-line steam or externally in autoclave.

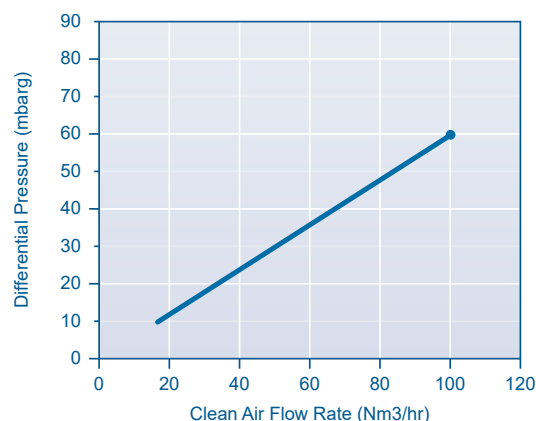
Applications

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

Technical Data

	Borosilicate, polyester		
	0,2 µm		
	99,999%		
	-20°C to 200°C		
	Stainless steel SS304 end caps		
	Silicone (others available)		
			FDA CFR article 21/EC 1935/2004 Validated and Approved

Bacterial retention: LRV > 7/cm² for T1 Coliphagen



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Element Dimensions (mm)

Element size	A	B	Ø C	Ø D	Filtration Surface
03/10	76	12	¾"	42	148 cm²
05/25	128	14	1"	62	247 cm²
05/30	128	16	2"	86	247 cm²
10/30	254	16	2"	86	494 cm²
20/30	508	16	2"	86	988 cm²
30/30	762	16	2"	86	1482 cm²

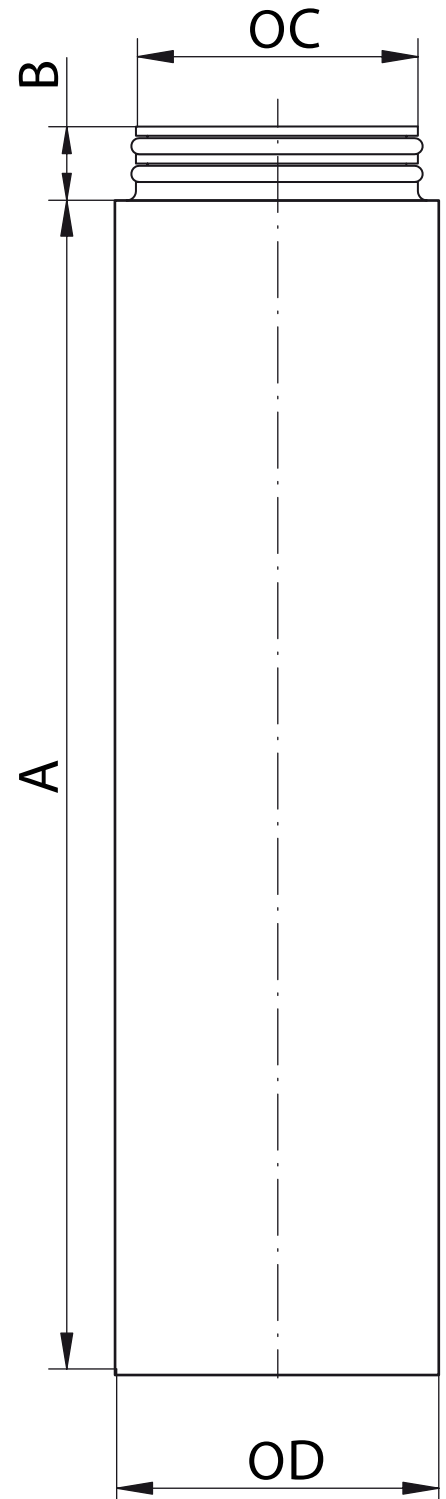
Materials

Filter media	Borosilicate
Outer core	SS 1.4301
Inner core	SS 1.4301
Supporting fabric	Polyester
Endcaps	SS 1.4301
Bonding material	Silicone
O-rings	Silicone (others available)

Features

Benefits

Outer guard and endcaps made of stainless steel	High mechanical and thermal stability, good durability against chemicals and numerous aggressive gases.
Absolute retention rate of 99,999% related to 0,01 µm	Validated retention rate, integrity testable with DOP test according to HIMA
Three-dimensional borosilicate depth filter media	High waste containment capacity, low differential pressure, high flow rate
Biologically and chemically inert	No breeding ground for separated microorganism
100 sterilization cycles guaranteed	High economical efficiency and low filtration costs
100% integrity tested	Guaranteed quality
Available in 6 sizes	Optimum filter size for individual application





THE SCANDINAVIAN FILTRATION PARTNER

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ABOUT US

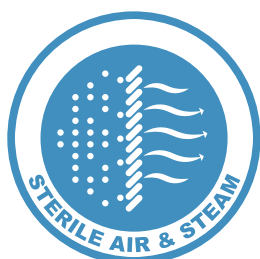
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

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



ULTRAFILTER SKANDINAVIEN APS

Sunekær 1
5471 Søndersø
Denmark

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