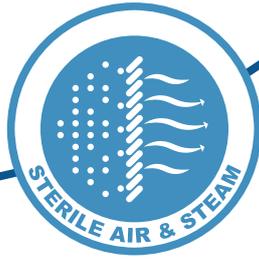



ULTRAFILTER
THE FILTRATION MANUFACTURER
THE SCANDINAVIAN FILTRATION PARTNER



ULTRAFILTER AK FILTER ELEMENT

WWW.ULTRA-FILTER.COM

ACTIVATED CARBON FILTER

AK



Technical Data

-  Activated Carbon and Borosilicate
-  10 - 40°C
-  Max. 2 bar @ 20°C
-  Aluminium end caps
-  Perbunan Gaskets

Residual oil content: < 0,003 mg/m³

Lifetime: 1000-2000 hours

Recommended prefilter: SMF

Ultrafilter offers filter elements for most compressed air applications. These high quality filter elements are made with the finest pleating technology and aluminum endcaps. Unique to the industry with their extremely low differential pressure.

The AK filter elements consist of a two-stage filtration. All particles are kept in a nanofiber depth filter media, while the activated carbon adsorbs all oil vapors and gaseous hydrocarbons.

Ultrafilter offers filter elements for most compressed air applications. These high quality filter elements are made with the finest pleating technology and aluminum endcaps. Unique to the industry with their extremely low differential pressure.

Adsorption efficiency of AK

Ethane	Slight
Toluene	Very good
Acetic acid	Very good
Methanol	Good
Acetone	Good
Isopropyl ether	Very good
Methyl acetat	Good
Sulphuric acid	Very good
Hydrogen sulphuride	Poor
Chlorine	Good
Freon	Poor
Ammonia	Poor
Citrus fruits	Very good
Perfumes	Very good

ACTIVATED CARBON FILTER

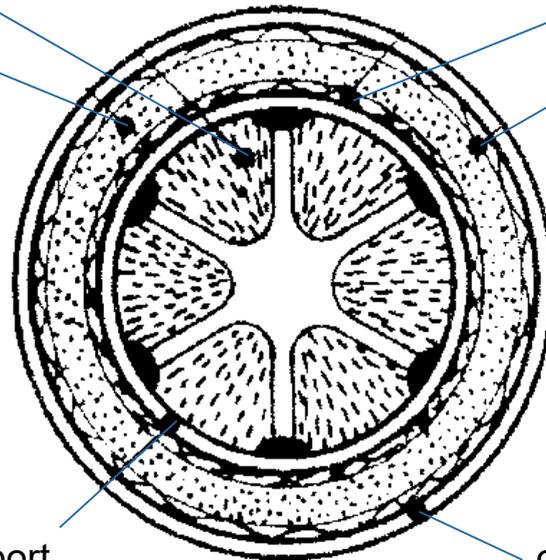
AK



adsorption filter oilfree · odourfree

- 1. adsorption stage
- 2. adsorption stage

inner support sleeve
outer support sleeve



inner stainless steel support

outer stainless steel support

Materials	
Adsorption stages	Grounded activated carbon embedded in PUR foam
Filter media	Borosilicate nanofibres
Support	Polyamide
Bonding	Polyurethane
2 O-rings	Perbunan, silicone-free and free of parting compounds as standard
Support sleeves	Stainless steel 1.4301/ 304

Applications

- Chemical and petrochemical industry
- Pharmaceutical industry
- Breathing air
- Prefiltration of sterile filters
- Filling machines
- Food & beverage industry
- Packing machines
- Process industry

Features	Benefits
High load of activated carbon	High adsorption capacity and long service life
Flow distribution at the air inlet	Optimized flow distribution and adsorption efficiency
Embedded activated carbon	No abrasion of grounded activated carbon
Depth filter stage of bonder-free woven nanofibres	Improved particle retention according to ISO 8573-1 can be achieved
2 O-rings	Perbunan, silicone-free and free of parting compounds as standard
Support sleeves	Stainless steel 1.4301/ 304



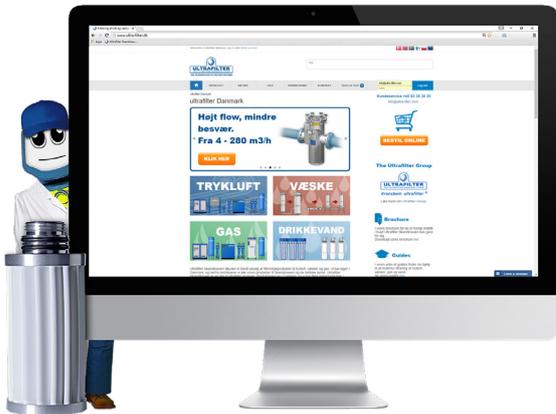
ULTRAFILTER

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

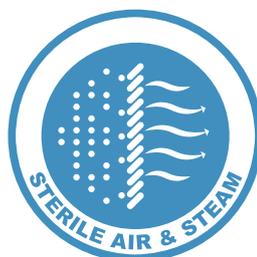
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

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