

# ACTIVATED CARBON ELEMENTS

AK / AKK



AKK



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/m<sup>3</sup>

Lifetime: 1000-2000 hours (AK)  
2000-4000 hours (AKK)

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.

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## RECOMMENDED FILTER HOUSINGS



AG



SG



HD

# ALTERNATIVE ELEMENTS

Our series of cross over elements makes it possible to use our high quality filters in filter housings from different manufactures. We are mostly using the same pleating mixed with nano technology in all the cross over elements we offer.



Domnick Hunter  
Evolution



Domnick Hunter  
Oil-X



Hiross



Atlas Copco



Zander



Hankison



Deltech



Walker



Donaldson



Kaeser



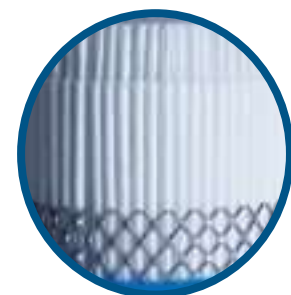
Stenhøj



BEKO

## BY REQUEST ALSO

Compair  
Ceccato  
Ingersoll Rand  
ALUP  
ALMiG  
Pneumatech  
Chicago Pneumatic  
MARK  
BOGE



**PLEATED MEDIA  
TECHNOLOGY**

# ALTERNATIVE ELEMENTS



	Prefilter	Prefilter	Microfilter	Submicrofilter	Activated Carbon
ISO Class (8573-2010)	6	3	2	1	1*
Ultrafilter	PE	FF	MF	SMF	AK
Domnick Hunter Evolution	-	AR, AO	AAR	AA	ACS
Domnick Hunter Oil-X	-	AO	AA	AX	AC, ACS
Hiross	Q	P	S	-	C
Atlas Copco	-	DD	PD	-	QD
Zander	V	Z	Y	X	A
Hankison	E9	E7	E5	E3	E1
Donaldson	PE	FF	MF	SMF	AK
Deltech	-	DFD	PFD	HFD	CFD
Walker	X25, X5	X1	XA	-	AC
CompAir	-	B+E	C+F	-	D
Ceccato	-	P	G	C	V
Kaeser	E-B	E-C	E-E	E-F	E-G
Stenhøj	PE	FF	MF	SMF	AK
ALUP	-	P	G	C	V
ALMiG	AFP	AFM	AFS	-	AFC
Pneumatech	-	P	G	C	V
Chicago Pneumatic	-	P	G	C	V
BEKO	G	F	S	-	A
MARK	-	P	G	C	V
BOGE	V	-	FP	-	A

Type	Particle Filtration rate	Effectivity	Residual oil content	Max. differential pressure
PE	25 µm	99%	N/A	2 bar at 20°C
SB	25 µm	99%	N/A	2 bar at 20°C
FF	0,01 µm	99,999%	0,1 mg/m <sup>3</sup>	5 bar at 20°C
MF	0,01 µm	99,99998%	0,03 mg/m <sup>3</sup>	5 bar at 20°C
SMF	0,01 µm	99,99999%	<0,01 mg/m <sup>3</sup>	5 bar at 20°C
AK	Activated Carbon	N/A	0,003 mg/m <sup>3</sup>	2 bar at 20°C