



peiro,s.a.

## Activated Carbon Filters

### WFAK activated carbon cartridge with tubular, porous activated carbon block

A porous, extruded activated carbon tube forms the core of this filter element. Thus, in addition to the adsorption due to the activated carbon, a mechanical filter effect is also present. The tubular activated carbon blocks are manufactured in the filter ratings 0.5 µm, 5 µm and 10 µm.

With the radial flow from the outside to the inside, a PP fleece and a PE outer net each ensures clean conditions when using the WFAK activated carbon cartridges. The solid PP end caps are equipped with flat seals made of NBR, whereby green end caps stand for 0.5 µm, white end caps for 5 µm and blue end caps for 10 µm.

WFAK activated carbon cartridges are available in the standard diameter of 70 mm and in the BigBlue version with the diameter of 115 mm in 9 ¾" and 20" length.



### WFAK activated carbon cartridge with tubular, porous activated carbon block

#### Technical data

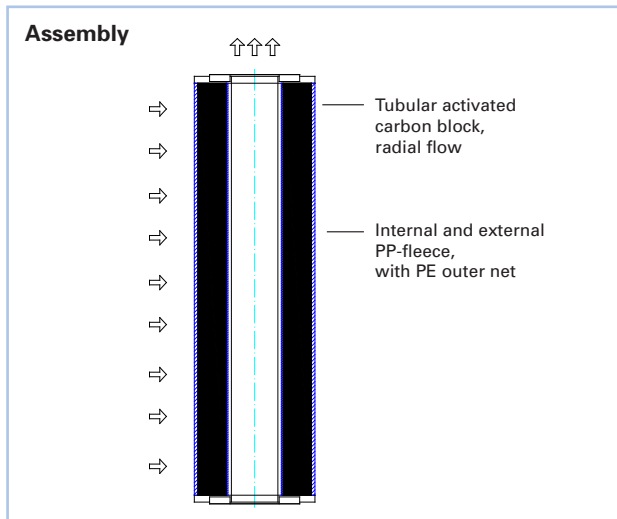
Filter medium:	Tubular, porous activated carbon block
Filter rating:	0.5 µm, 5 µm, 10 µm
Internal:	PP-fleece
External:	PP-fleece
Outer net:	PE-net
Adapter:	Polypropylene
Gasket:	NBR
Temperature:	max. 65 °C
Dimensions:	Standard version: External diameter 70 mm Lengths 9 ¾" and 20"
	BigBlue version: External diameter 115 mm Lengths 9 ¾" und 20"

#### Applications

- Reduction of organic and anorganic impurities in aqueous mediums and drinking water
- Reduction of odour and taste substances
- De-chlorination of drinking water
- De-colouring of fluids

#### Features and Benefits

- Activated carbon cartridge with porous activated carbon block
- Radial flow from outside to inside
- 0.5 µm, 5 µm and 10 µm filter rating
- High adsorption capacity
- High flow rate capacity
- Standard version with outer diameter 70 mm
- BigBlue version with outer diameter 115 mm



#### Recommended flow rate / differential pressure

Type	Recommended flow rate	Differential pressure
WFAK-xxx-093/4	5 l/min	0.1 bar @ 5 l/min
WFAK-xxx-20	10 l/min	0.1 bar @ 10 l/min
WFAK-xxx-093/4BB	10 l/min	0.15 bar @ 10 l/min
WFAK-xxx-20BB	20 l/min	0.15 bar @ 20 l/min

#### Order information

Type	Filter rating	Length	Order-No.
WFAK-0.5-093/4	0.5 µm	9 ¾" ( 248 mm )	Ø 70 mm, green
WFAK-0.5-20	0.5 µm	20" ( 508 mm )	Ø 70 mm, green
WFAK-05-093/4	5 µm	9 ¾" ( 248 mm )	Ø 70 mm, white
WFAK-05-20	5 µm	20" ( 508 mm )	Ø 70 mm, white
WFAK-05-093/4BB	5 µm	9 ¾" ( 248 mm )	Ø115 mm, white
WFAK-05-20BB	5 µm	20" ( 508 mm )	Ø115 mm, white
WFAK-10-093/4	10 µm	9 ¾" ( 248 mm )	Ø 70 mm, blue
WFAK-10-20	10 µm	20" ( 508 mm )	Ø 70 mm, blue
WFAK-10-093/4BB	10 µm	9 ¾" ( 248 mm )	Ø115 mm, blue
WFAK-10-20BB	10 µm	20" ( 508 mm )	Ø115 mm, blue