



AMBIO filter cartridges with activated charcoal

Efficient filtration with activated charcoal block:

- Economical alternative to granulated charcoal.
- High flow-through.
- High porosity gives higher capacity and prevents clogging.
- Effectively removal of free chlorine, trihalomethanes, hydrocarbons, bromate precursors, heavy metals, unwanted scent and taste, etc.
- Open in both ends to fit most filter housing.

Specifications:

Inner diameter: 27 mm

Outer diameter: (of end cap) 69 mm

Total length: 510 mm (20"), 1016 mm (40")

Filtration media (1): activated carbon produced from coconut, cast in block

End caps (2): polypropylene

Cape and mesh (4): polypropylene

Gaskets (3): Santoprene

Pore size: 3 μm

Dry weight: 831 g (20"), 1835 g (40")

Operational weight (approximately): 1608 g (20"), 3216 g (40")

Iodine adsorption: ≥ 1000 mg per g

Ash content: $\leq 5\%$

Specific surface area: ≥ 1000 m² per g

Manufacturer: SHANGHAI LUCKRIS FILTER CO.,LTD

Member of Water Quality Association

AMBIO part number: 100621 (20"), 100620 (40")

Operational data:

Initial pressure drop: 0.7 bar

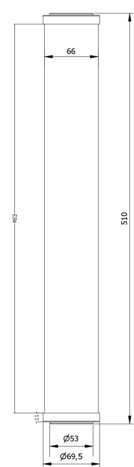
Maximum temperature: 52 °C

Maximum water flow: 0.48 m³ per hour per cartridge

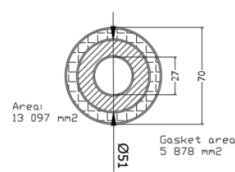
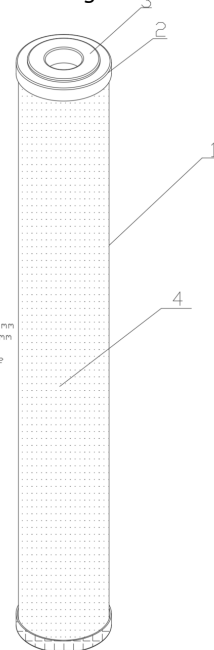
Maximum differential pressure: 2 bar

It is recommended to replace all filter cartridges at least every 6 months irregardless of pressure drop to prevent bacterial growth within the cartridges.

Removal capacity (>80% removal rate of 2 ppm free chlorine): 40 m³.



20" cartridge:



End cap area:
2 418 mm²

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