

# Glass Fibre Filters



Circle filter in the holder of VOPV-10 Air Sampler  
(iodine cartridge is behind the filter)

**Glass Fibre Filters are intended for the efficient capture of potentially radioactive aerosol and dust samples in sampling and monitoring units, as well as for similar applications, i.e. air cleaning from aerosol and dust, etc.**

## Purpose

The glass fibre filters are intended for the efficient capture of potentially radioactive aerosol and dust samples in sampling and monitoring units, as well as for similar applications, i.e. air cleaning from aerosol and dust, respirators production, etc.

Subsequently, the trapped aerosol and dust sample can be analysed and radionuclide content can be determined.

The glass fibre cloth is formed by borosilicate glass fibres in non-woven steady layer, free of holes and cracks, without binders. The glass fibre filters high temperature and chemical resistance is emphasized, while high permeability is preserved, the filters are entirely water-resistant.

## Models and Accessories

### Dimensions supplied

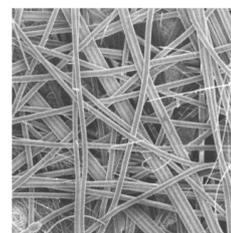
- circle Ø 55 mm (2.17 in), e.g. prior to iodine cartridge
- sheets 8" x 10" (203 x 254 mm)
- other customized dimensions on request (please ask)

### Related products

K0743	VOPV-12 Digital High-Volume Air Sampler
K0547	VOPV-10 Digital High-Volume Air Sampler

## Specifications

Thickness, typically	0.4 mm (0.016 in)
Areal weight, typically	85 g/m <sup>2</sup> (0.15 lb/yd <sup>2</sup> )
Filtered air velocity, typically for aerosols	1 m/s (3¼ ft/s)
Filtering efficiency, particles 0.3 µm for velocity 30 cm/min. (1 ft/min.)	> 99.9%
Pressure drop, typically for velocity 1 m/s (3¼ ft/s)	30 kPa
Operational temperature, max.	500 °C (932 °F)



Detail of the glass fibre structure

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## Your supplier