

# Disc Capsule Filter

## Description and use

Disc capsule filters are made of polytetrafluoroethylene which have excellent resistance to organic and inorganic chemical corrosion properties along with natural hydrophobicity. It can be widely used in sterile ventilation processes such as biotechnology, pharmaceuticals, laboratories etc. It's easy to use and operate, the lightweight design (only 20g) makes the structure very stable and reliable and will not appear hose bending to adversely affect ventilation.



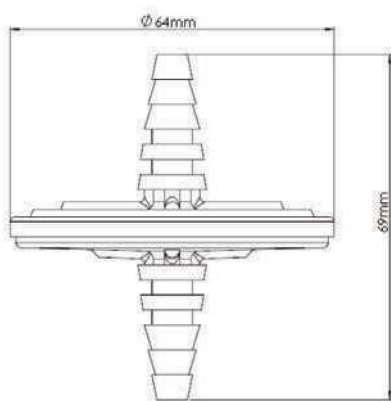
## Typical Applications

- Sterile ventilation of culture containers and CO<sub>2</sub> incubators
- Sterile ventilation of fermenters and storage tanks
- Autoclave steam sterilization air exchange
- Removal of gas particles

## Dimensions

|                |             |
|----------------|-------------|
| Outer Diameter | 64mm        |
| Length         | 69mm        |
| Inlet/Outlet   | 1/4"-1/2"HB |

## Drawing



## Features

- PTFE components provide broad chemical compatibility
- Natural hydrophobicity, strong resistance property to chemical corrossions
- High flow rate and low extractables
- Lightweight structure, easy to install and dismantle
- 100% Integrity Test

## Construction of Materials

|         |                  |
|---------|------------------|
| Housing | PP               |
| Media   | Hydrophobic PTFE |

## Performance

|                         |                       |
|-------------------------|-----------------------|
| Max. Operating Pressure | 3 Bar@20°C            |
| Autoclaving             | 125°C -30min-60cycles |
| Filtration Area         | 20cm <sup>2</sup>     |

### ORDERING INFORMATION

| PN               | Pore size | Package | Sterilization |
|------------------|-----------|---------|---------------|
| VF50ASPPT002AX01 | 0.22µm    | 10/pk   | YES           |
| VF50ASPPT004AX01 | 0.45µm    | 10/pk   | YES           |
| VF50ANPPT002AC01 | 0.22µm    | 100/pk  | NO            |
| VF50ANPPT004AC01 | 0.45µm    | 100/pk  | NO            |