

# VENT FILTERS

## 40 mm

### Bacterial and Viral Vent Filter

#### Applications

- Sterile venting of vessels e.g. carboys, fermenters etc.
- In-line sterilization of and particulate removal from air and gases
- Autoclave venting
- Filtration of gas for incubators



#### Specifications

40 mm Bacterial and Viral Vent Filter	
Filter Media	Hydrophobic Glass Fibers
Retention - Bacterial	99.999% filtration efficiency of 0.027 $\mu\text{m}$ phage
Retention - Viral	99.9999% filtration efficiency of 0.027 $\mu\text{m}$ phage
Housing	Polypropylene
Connections	6-8 mm stepped hose barb
Filter area [cm <sup>2</sup> ]	14.6
Air flow rate	21 L/min. at 3 psi
Housing diameter [mm]	53
Housing length [mm]	59
Max. pressure	2.7 bar (approx. 40 psi)
Autoclavable	up to 10 times – 121°C for 20 min.

#### Ordering information

	Packing [pcs.]	Cat. No.
Sterile	10	40PHOGFS10
Non-sterile	50	40PHOGFN50

## 50 mm Vent Filter

### Applications

- Sterile venting of vessels e.g. carboys, fermenters etc.
- In-line sterilization of and particulate removal from air and gasses
- Autoclave venting
- Water trap
- Filtration of gas for incubators
- Filtration of non-aqueous fluids



### Specifications

50 mm Vent Filter	
Filter Media	Hydrophobic PTFE reinforced with polypropylene
Pore Size [µm]	0.22 or 0.45
Housing	Polypropylene
Connections	6-12 mm stepped hose barb
Filter area [cm <sup>2</sup> ]	19.6
Air flow rate 0.20 µm	27 L/min at 1 bar
Air flow rate 0.45 µm	32 L/min at 1 bar
Housing diameter [mm]	63
Housing length [mm]	53
Max. pressure	3.5 bar (approx. 50 psi)
Autoclavable	up to 10 times – 121°C for 20 min.

### Ordering information

Pore Size [µm]		Packing [pcs.]	Cat. No.
0.22	Sterile	10	50PT022S10
0.22	Non-sterile	100	50PT022N100
0.45	Sterile	10	50PT045S10
0.45	Non-sterile	100	50PT045N100