

MICROFILTRATION

50 mm Vent Filter



Characteristics

Membrane: hydrophobic PTFE reinforced with polypropylene

Porosities: 0.45 µm or 0.20 µm

Housing: Polypropylene Ultrasonically welded

Connectors: 6 mm (1/4 in) to 12 mm (1/2 in) stepped barb

Filter Area: 19.6 cm²

Air Flow Rate: 32 L/min at 1 bar (0.45 µm), 27 L/min at 1 bar (0.20 µm)

Housing Diameter: 63 mm

Housing Length: 53 mm

Maximum Pressure: 3.5 bar (approx. 50 psi)

Sterilization: Autoclave at 121°C or ETO

Typical Applications

- ◆ Sterile venting of filling vessels and carboys
- ◆ Autoclave venting
- ◆ Low volume sterile filtration of non-aqueous fluids
- ◆ In-line sterilization of and particulate removal from air and gases

Vent Filter - Non Sterile Ordering information

Membrane Material	Pore Size (µm)	End Fitting	Housing Material	Color	Product Code
					Packaging 100/pk
PTFE	0.20	Barb Connectors	Polypropylene	Transparent	VF50ANPPT002AC01
PTFE	0.45	Barb Connectors	Polypropylene	Transparent	VF50ANPPT004AC01

Vent Filter - Sterile Ordering information

Membrane Material	Pore Size (µm)	End Fitting	Housing Material	Color	Product Code
					Packaging 10/pk
PTFE	0.20	Barb Connectors	Polypropylene	Transparent	VF50ASPPT002AX01
PTFE	0.45	Barb Connectors	Polypropylene	Transparent	VF50ASPPT004AX01