TEFguard® AirVent 50

Hydrophobic PTFE Air-Venting Filter



VANGUARD

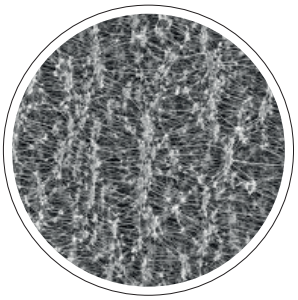
TEFguard® AirVent 50

TEFguard® AirVent 50 is a single-layer hydrophobic PTFE membrane air venting filter.

All components have been developed and are manufactured under our full control. In addition, the following essential requirements are fully met:

- 100% integrity tested prior to release
- All information clearly marked on the top part of each filter that include Lot number, serial number and "IN" as an indicator for direction of flow.

- Retention of ≥ 10^7 Brev. diminuta/cm^2 in aerosol and liquid



Membrane e-PTFE SEM
reinforced with polypropylene gauze

Applications

- Filling and Tranfer Vessels
- Cell Culture Chambers
- CO_2 incubators
- Holding and Storage Tanks
- Autoclave venting

Materials of Construction

Housing Material	Polypropylene (PP)
Membrane Material	Polytetrafluorethylene (e-PTFE)

Connections

Inlet: ¼" Hose Barb | Outlet: ¼" Hose Barb

Dimensions

Filter Diameter	65 mm | 2,5in
Filtration Area	19.5 cm^2 | 3 in^2

Sterilization Procedures

Max. Temperature 134 °C, max. Autoclaving 65 Cycles

Regulatory Compliance

- Each individual element is tested for integrity in direction of filtration
- 0.2 µm Pore size: Fully validated as sterilizing grade filters according to ASTM current F-838 guidelines
- USP Plastic Class VI Test

Non-Fiber Releasing

This filter product complies with the title 21 of the Code of Federal Regulations (CFR), section 210.3(b)(6) and 211.72.

Integrity Testing

Min. Bubble Point >1100 mbar | 16 psi for 0.2 µm
Wetting agent: IPA/Water at 60% | 40%

Ordering Information

Filter Media	Rating (µm)		Capsule diameter	End Cap Configuration
LTG	0.2	-	50	
LTG = TEFguard polytetrafluoro-ethylene Membrane	0.2 0.45		50mm	Inlet: ¼" Hose Barb | Outlet: ¼" Hose Barb

VANGUARD
Vanguard Life Science Ltd.
Deul, Birulia, Savar, Dhaka 1216
+880 1713 178681-89
info@vanguard.com.bd
www.vanguard.com.bd