

50mm Sterile In-Line Vent Filter

Protect Your Sterile Environments



Reliable Filtration for Critical Workflows

The 50mm Sterile In-Line Vent Filter is the perfect solution for maintaining sterility in laboratory and bioprocessing applications. Featuring a hydrophobic PTFE membrane and durable housing, it effectively blocks bacteria, particles, and moisture during gas exchange and vacuum filtration processes.

Reliable Contamination Prevention: Blocks airborne bacteria, spores, and moisture to safeguard sterile systems

Ready-to-Use Design: Pre-sterilized for immediate use, eliminating prep time

Compact & Easy to Install: Fits seamlessly into standard tubing systems with hose barbs

Versatile Bi-Directional Flow: Flexible installation for various gas flow pathways

Dry Barrier Protection: Prevents backflow of liquids and aerosols into critical systems

Benefits at a Glance

Feature	Benefit
0.2µm hydrophobic PTFE membrane	Retains airborne bacteria, spores, and prevents moisture ingress
Sterile, ready-to-use	No setup, minimal contamination risk
Polystyrene (PS) housing	Durable, chemical resistant
50mm compact format & hose barbs	Integrates easily into systems
Bi-directional gas flow	Flexible in varied setups
Maintains dry barrier	Prevents liquid/aerosol backflow

Core Applications

Sterile Gas Venting

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- ✓ Perfect for bioreactors, fermentation tanks, media flasks, and carboys
- ✓ Enables sterile gas purge for cell culture vessels & filling systems
- ✓ Ensures clean, particulate-free air and gas exchange



Vacuum Protection

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- ✓ Prevents liquid backflow into vacuum systems
- ✓ Traps aerosolized contaminants to protect sensitive equipment
- ✓ Maintains sterility during filtration or aspiration processes



Why Choose Thomson?

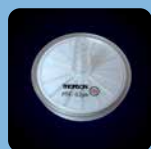
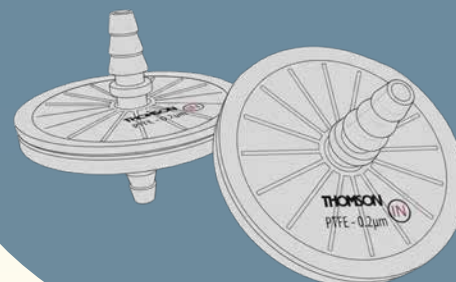
- ✓ High-performance hydrophobic PTFE membrane for superior gas filtration
- ✓ Compact, durable design for easy integration into workflows
- ✓ Ready-to-use sterile format for hassle-free operation

Simple Installation

Connect to standard tubing using the barbed ends. Secure with zip-ties for a reliable and clean setup.

Protect Your Sterile Environments

Trust Thomson's 50mm Sterile In-Line Vent Filter to deliver reliable performance and safeguard your critical workflows.



50mm Sterile In-Line Vent Filter
0.2µm PTFE Membrane
Part #: 761050-10 | Qty/Case: 10



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