

# MS<sup>®</sup> Venting Filters

Membrane Solutions

## Product Description

MS<sup>®</sup> Venting Filter is also named vacuum protection filter or gas line filter. Filter units with MS hydrophobic PTFE membrane are ideal for sterilizing gases, venting sterile containers, and sterilizing or clarifying organic solutions and protect your laboratory. The large effective filter area provides high flow rates and filters can be autoclaved several times ensuring low costs.



## Application

- In-line gas filter
- Deliver Sterile air
- Smoke excluded
- Benchtop Fermentors
- Vacuum pump line protection
- Appropriate for in-line HPLC/GC sample preparation

## Different with other products

- Large surface area provides more than 30% higher throughput and air
- Various kinds of membrane others brands
- Double injection for higher pressure

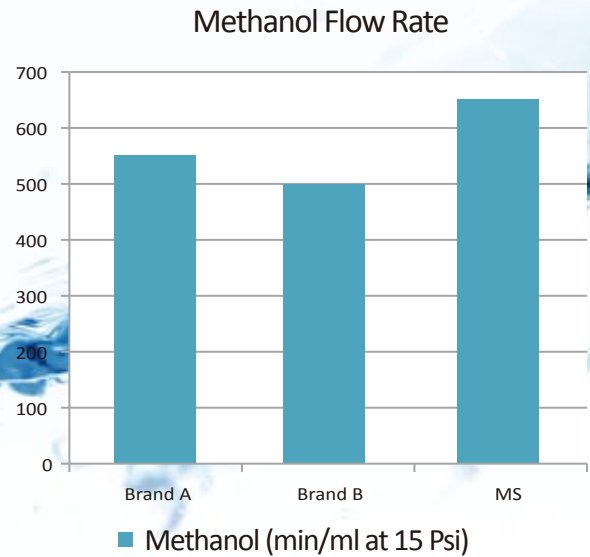
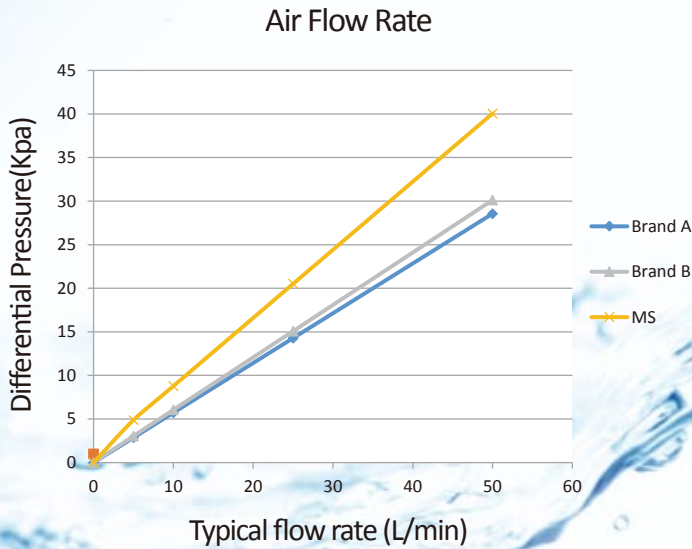
## Specification

<b>Pore size</b>	0.1, 0.22, 0.45, 0.65, 0.8, 1.0, 1.2um
<b>material</b>	PTFE (PES/NY66/PP/GF/PVDF...)
<b>housing</b>	Polypropylene
<b>Membrane diameter</b>	50mm
<b>Filtration area</b>	≥0.021cm <sup>2</sup>
<b>Air flow rate</b>	≥25 L/min at 1 bar (For example: 0.22um)

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## Typical Flow Rates



## Ordering Information

Cat.No	Pore Size(um)	Diameter(mm)	Package (qty/pack)
<i>In-line filter</i>			
SFPTFE050022NBH	0.22	50	25
SFPTFE050045NBH	0.45	50	25
SFPTFE050100NBH	1.0	50	25
SFPTFE050022SBH	0.22	50	25
SFPTFE050045SBH	0.45	50	25
SFPTFE050100SBH	1.0	50	25