

## Tec - Vent

The Tec-Vent BSP range of filter cartridges is specifically designed for applications where sterile air is required in small tanks and vessels during filling and emptying, particularly to break the vacuum formed by the condensation of steam inside autoclave chambers.

Manufactured using a naturally hydrophobic PTFE filter membrane, Tec-Vent BSP filters are resistant to wetting out in use, and maintain high flow rates with low pressure drop during service.

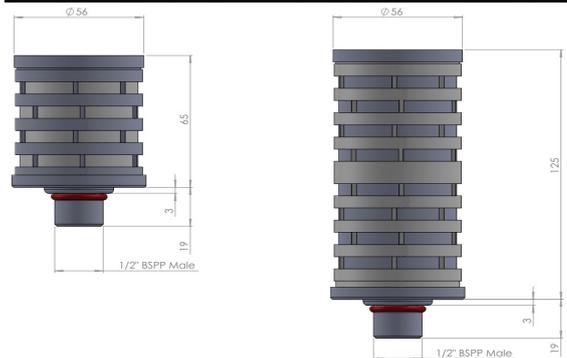
Rated at 0.01 micron in air and gas, the membrane will remove airborne bacteria, viruses and bacteriophage.

Available in 2 1/2" and 5" sizes, with convenient 1/2" BSPM threaded connection and silicone o-ring to ensure effective sealing with no by-pass.

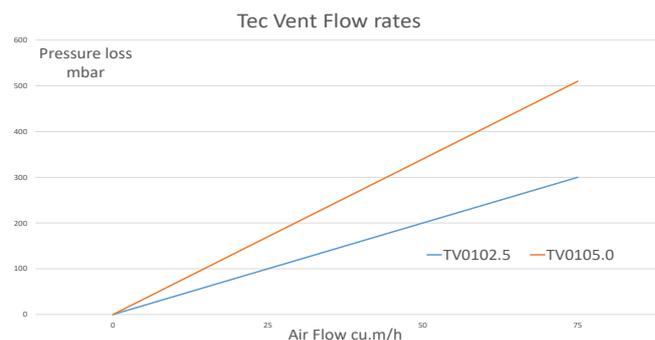
Thermally bonded construction with no resins or adhesives used during manufacture ensures wide chemical compatibility and minimal extractables.

All polymer and elastomer materials used in the construction of Tec Vent BSP filter cartridges meet the requirements for food contact use and are listed in FDA CFR Title 21.

Can be repeatedly steam sterilised and hot water sanitised.



	Specification	
Max operating temp:	80°C	
ΔP, forward flow:	5.0 bar @ 20°C	
ΔP, reverse flow:	2.0 bar @ 20°C	
Sterilisation:	100 x 30 min cycles @ 121°C	
Filter media:	PTFE membrane	
Support media:	Polypropylene	
Core, cage & endcaps:	Polypropylene	
O-ring:	Silicone	
Surface area:	2.5":	0.125m <sup>2</sup>
	5":	0.25m <sup>2</sup>



Part number	Micron rating	Length (nominal, inch)	End fitting
TV010-2.5-BSP	010	2.5	1/2" BSPM
TV010-5-BSP	010	5	1/2" BSPM

**Prosep Filter Systems Ltd**  
Unit G19, River Bank Way,  
Lowfields Business Park, Elland,  
West Yorkshire HX5 9DN

**Phone: 01422 377367**  
email: [sales@prosep.co.uk](mailto:sales@prosep.co.uk)  
[www.prosep.co.uk](http://www.prosep.co.uk)