

PRODUCT SPECIFICATION

Product PN VF50ANPPT002AC01, VF50ANPPT004AC01, VF50ASPPT002AX01, VF50ASPPT004AX01

Mod. 984

Description 50 mm Vent Filter

Rev. 02

50 mm Vent Filter



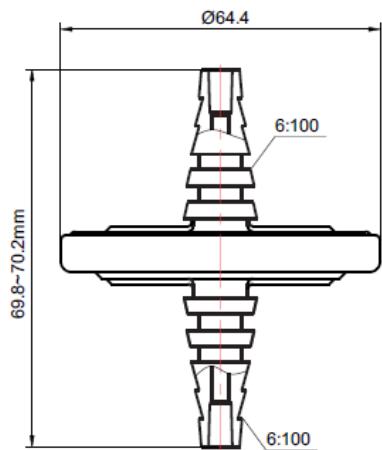
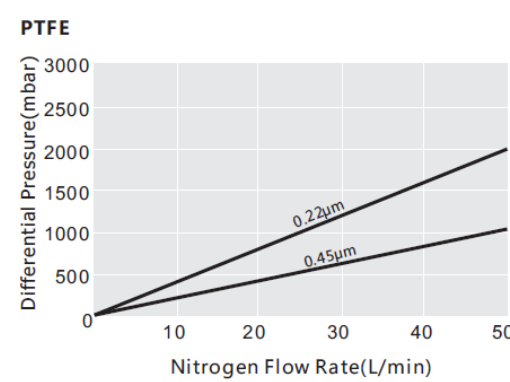
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MANUFACTURER NAME	<p>GVS North America 63 Community Drive Sanford, Me 04073 Phone: +1.866.736.1250 eMail: CustomerCareGVSLs@gvs.com - Website: www.gvs.com</p>																														
INTENDED USE / APPLICATION	<ul style="list-style-type: none"> • Sterile vent filtering 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 																														
MATERIALS	<p>Regulatory Documentation Required:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Biocompatibility according ISO 10993-1 <input type="checkbox"/> IMDS <input checked="" type="checkbox"/> RoHS, directive 2002/95/CE <input type="checkbox"/> BSE/TSE, directive 2003/32/ <input type="checkbox"/> DEHP plasticizer Free and latex free <input type="checkbox"/> Aging <input checked="" type="checkbox"/> REACH 1907/2006/CE (hazardous substances regulation) <input type="checkbox"/> Dir. 67/548/CE and Reg. 1272/2008/CE (medical sector dangerous substances) <input checked="" type="checkbox"/> Conflict minerals 																														

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<p>PRODUCT CHARACTERISTIC</p>	<ul style="list-style-type: none"> • Membrane: Hydrophobic PTFE reinforced with polypropylene • Pore Size: 0.20 um or 0.45 um • 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 um), 27 L/min at 1 bar (0.20 um) • Housing Diameter: 64.4 mm • Housing Length: 69.8-70.2 mm • Max. Pressure: 3.5 bar (approx.. 50 psi) 																					
<p>DRAWING</p>																						
<p>PRODUCT SHELF LIFE</p>	<p>Non-Sterile: When stored under normal conditions, the product should last for 5 years</p> <p>Sterile: 24 months</p>																					
<p>STERILIZATION</p>	<p>For non-sterile: Autoclave at 121° C (up to 3 times) or EtO</p>																					
<p>PERFORMANCE REQUIREMENTS</p>	<p>Typical Liquid Flow Rate</p>  <table border="1"> <caption>Approximate data from the PTFE graph</caption> <thead> <tr> <th>Nitrogen Flow Rate (L/min)</th> <th>Differential Pressure (mbar) - 0.22µm</th> <th>Differential Pressure (mbar) - 0.45µm</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>10</td> <td>~400</td> <td>~250</td> </tr> <tr> <td>20</td> <td>~800</td> <td>~500</td> </tr> <tr> <td>30</td> <td>~1200</td> <td>~750</td> </tr> <tr> <td>40</td> <td>~1600</td> <td>~1000</td> </tr> <tr> <td>50</td> <td>~2000</td> <td>~1250</td> </tr> </tbody> </table>	Nitrogen Flow Rate (L/min)	Differential Pressure (mbar) - 0.22µm	Differential Pressure (mbar) - 0.45µm	0	0	0	10	~400	~250	20	~800	~500	30	~1200	~750	40	~1600	~1000	50	~2000	~1250
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This material specification describes the properties of product above indicated.

This document contains general requirements, material description, drawing references, defect specification, biological material requirements.

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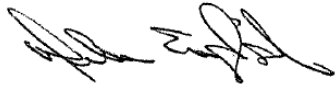
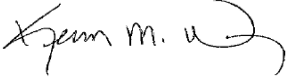
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REVISIONS AND APPROVALS:

DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
8/20/2020	0	Initial release	Debra English/Manager Biochemistry Applications 	Kevin Wrigley/Director, Quality 

Customer Approval:

We accept this material specification as a part of the agreed terms of delivery

Company name _____

Approved by: _____
 (Name, Function) (Signature)

Date _____
 (Company stamp)

Please send back this document signed for approval. If we will not receive this specification signed , we consider the first order placed as implicit approval.