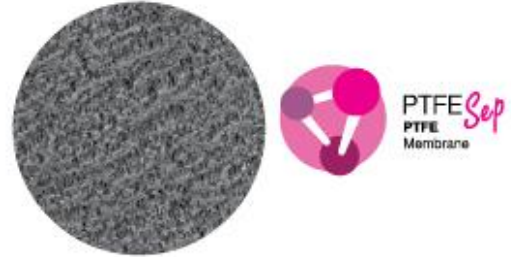


<b>Product PN</b>	1215485, 1215486, 1215487, 1215488, 1215489, 1215490, 3026028, 1267681	<b>Mod. 984</b>
<b>Description</b>	Polytetrafluoroethylene (PTFE) Filtration Membrane in Discs and Sheets	<b>Rev. 01</b>

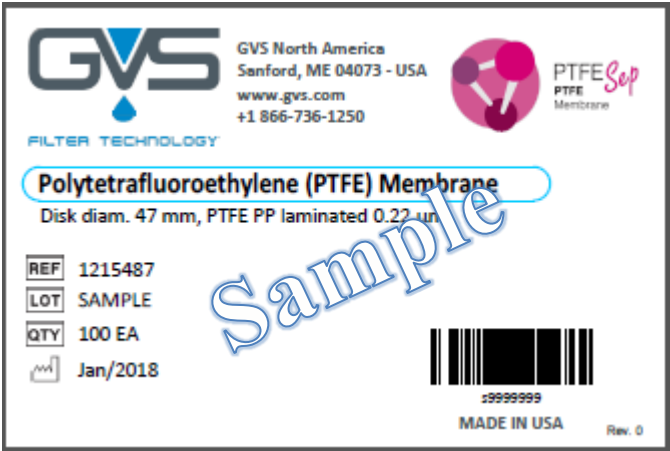
**0.22 µm Polytetrafluoroethylene (PTFE) Filtration Membrane in Discs and Sheets**



<b>PRODUCT DESCRIPTION</b>	0.22 µm Polytetrafluoroethylene (PTFE) Filtration membrane packaged in sheets and discs			
	<b>Part Number</b>	<b>Geometry</b>	<b>Dimensions</b>	<b>Packaging</b>
	1215485	Disc	13mm	100/Pk
	1215486	Disc	25mm	100/Pk
	1215487	Disc	47mm	100/Pk
	1215488	Disc	90mm	25/Pk
	1215489	Disc	142mm	25/Pk
	1215490	Disc	293mm	25/Pk
	3026028	Sheet	200x200mm	5/Pk
1267681	Sheet	305x305mm	50/Pk	
<b>MANUFACTURE NAME</b>	GVS North America, Inc. 63 Community Drive Sanford, ME 04073 Phone: +1.866.736.1250 Email: <a href="mailto:CustomerCareGVSLs@gvs.com">CustomerCareGVSLs@gvs.com</a> Website: <a href="http://www.gvs.com">www.gvs.com</a>			
<b>INTENDED USE/ APPLICATION</b>	<ul style="list-style-type: none"> <li>• Filtration of strong acids and aggressive solutions</li> <li>• Venting applications</li> <li>• Phase separations</li> <li>• Aerosol samplings</li> </ul>			
<b>MATERIALS</b>	Membrane: Polytetrafluoroethylene (PTFE) Filtration membrane  Regulatory Documentation Required: <ul style="list-style-type: none"> <li><input type="checkbox"/> Biocompatibility according ISO 10993-1</li> <li><input type="checkbox"/> IMDS</li> <li><input type="checkbox"/> Rohs, directive 2002/95/CE</li> <li><input checked="" type="checkbox"/> BSE/TSE, directive 2003/32/CE</li> <li><input type="checkbox"/> DEHP plasticizer and latex free</li> <li><input type="checkbox"/> Aging</li> <li><input checked="" type="checkbox"/> Reach 1907/2006/CE (hazardous substances regulation)</li> <li><input type="checkbox"/> Dir. 67/548/CE and Reg. 1272/2008/CE (medical sector dangerous substances)</li> <li><input checked="" type="checkbox"/> Conflict minerals</li> <li><input type="checkbox"/> USP Class VI</li> </ul>			

# PRODUCT SPECIFICATION

<b>Product PN</b>	1215485, 1215486, 1215487, 1215488, 1215489, 1215490, 3026028, 1267681	<b>Mod. 984</b>
<b>Description</b>	<b>Polytetrafluoroethylene (PTFE) Filtration Membrane in Discs and Sheets</b>	<b>Rev. 01</b>

<b>PRODUCT CHARACTERISTICS</b>	<p><b>Appearance/Visual:</b> White membrane configured in discs or sheets</p> <ul style="list-style-type: none"> <li>Naturally hydrophobic</li> <li>Compatible with strong acids and aggressive solutions</li> <li>Improved durability and handling</li> </ul>												
<b>PRODUCT SHELF LIFE</b>	5 years in normal storage conditions: Store the product at room temperate, in a dry place, free of dust and not exposed to direct sunlight.												
<b>STERILIZATION</b>	<p>This is a non-sterile product, compatible with these sterilization techniques:</p> <p><input checked="" type="checkbox"/> EtO</p> <p><input checked="" type="checkbox"/> Gamma (25 kGy)</p>												
<b>PACKAGING AND LABELING</b>	<ul style="list-style-type: none"> <li>Each label reports the following traceability information: <ul style="list-style-type: none"> <li>Quantity</li> <li>Product description</li> <li>Product date and time</li> <li>Lot number (OL and 6 digit batch number to trace back to raw materials used)</li> <li>Operator code</li> </ul> </li> </ul> <p>An image of a barcode label is provided below as an example:</p> <div style="border: 1px solid black; padding: 10px; text-align: center;">  </div>												
<b>CERTIFICATE OF COMPLIANCE</b>	A conformity declaration will be sent to the customer for each shipment with lot number and date of manufacture. The Quality management system is in compliance with ISO 9001.												
<b>PERFORMANCE REQUIREMENTS</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Acceptance Requirement</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">100-180 um</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">Flow Time</td> <td style="text-align: center;">80-140 (MeOH) sec</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Bubble Point</td> <td style="text-align: center;">107.9-152.0 (EtOH), kPa</td> </tr> </tbody> </table>	Acceptance Requirement			1	Thickness	100-180 um	2	Flow Time	80-140 (MeOH) sec	3	Bubble Point	107.9-152.0 (EtOH), kPa
Acceptance Requirement													
1	Thickness	100-180 um											
2	Flow Time	80-140 (MeOH) sec											
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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, and biological material requirements.



FILTER TECHNOLOGY

# PRODUCT SPECIFICATION

<b>Product PN</b>	1215485, 1215486, 1215487, 1215488, 1215489, 1215490, 3026028, 1267681	<b>Mod. 984</b>
<b>Description</b>	Polytetrafluoroethylene (PTFE) Filtration Membrane in Discs and Sheets	<b>Rev. 01</b>

## REVISIONS AND APPROVALS:

DATE	REV	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
12/2/19	0	Initial release	Joe DeSisto, Director Process Engineering 	Kevin Wrigley/Director of 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.