

Product PN 1214756, 1222230, 1225881, 3026365

Mod. 984

Description 0.1 µm Polyethersulfone Filtration Membrane Discs and Sheets

Rev. 01

0.1 µm Polyethersulfone (PES) Filtration Membrane Discs and Sheets



PRODUCT DESCRIPTION	0.1 µm PES Discs and Sheets			
	Part Number	Geometry	Dimensions	Packaging
	1214756	Disc	47mm	100/Pk
	1222230	Disc	90 mm	25/pk
	1225881	Sheet	200 x 200 mm	5/pk
	3026365	Sheet	30 cm x3 m	1/pk
MANUFACTURE NAME	<p>GVS North America, Inc. 63 Community Drive Sanford, ME 04073 Phone: +1.866.736.1250 Email: CustomerCareGVSLs@gvs.com Website: www.gvs.com</p>			
INTENDED USE/ APPLICATION	<p>Typical Applications:</p> <ul style="list-style-type: none"> • Protein and enzyme filtration and sterilization • Biological fluid filtration and sterilization • Pharmaceutical sterilization • Environmental water studies • Industrial water filtration • IV filters • IV drug delivery • TPN delivery 			
MATERIALS	<p>Film: Polyethersulfone (PES), supported with polyester film</p> <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 checked="" type="checkbox"/> BSE/TSE, directive 2003/32/CE <input type="checkbox"/> DEHP plasticizer 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 <input checked="" type="checkbox"/> USP Class VI 			
PRODUCT CHARACTERISTICS	<ul style="list-style-type: none"> • Hydrophilic • Low Extractables • Low drug and protein binding • Superior burst strength • Lot to lot consistency 			





PRODUCT SPECIFICATION

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PRODUCT SHELF LIFE	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.																									
STERILIZATION	<p>This is a non-sterile product, compatible with these sterilization techniques*:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> EtO <input checked="" type="checkbox"/> Gamma (25 kGy)6.5 <input checked="" type="checkbox"/> Autoclave (121°C) <p><i>*user has the responsibility to validate their process</i></p>																									
PACKAGING AND LABELING	<table border="1" data-bbox="400 689 1513 943"> <thead> <tr> <th>Product</th> <th>Interior package</th> <th>Exterior package</th> </tr> </thead> <tbody> <tr> <td>47 mm Discs</td> <td>Discs separated by blue paper in a thermoformed tray</td> <td>Clear/white plastic box</td> </tr> <tr> <td>90 mm Disc</td> <td>Discs separated by blue paper</td> <td>Round container</td> </tr> <tr> <td>200 x 200 mm sheet</td> <td>Sheets separated by blue paper</td> <td>White mailer</td> </tr> <tr> <td>30 cm x 3 m</td> <td>Single sheet wrapped on a plastic core</td> <td>Cardboard box</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Each configuration will be labeled with: <ul style="list-style-type: none"> ○ Quantity ○ Product item code and description ○ Manufacturing date ○ Lot number ○ Storage conditions <p>Example label below:</p> <div data-bbox="676 1249 1334 1688" style="border: 1px solid black; padding: 10px; text-align: center;">  <p>GVS North America Sanford, ME 04073 - USA www.gvs.com +1 866-736-1250</p>  <p>Polyethersulfone (PES) Membrane Disk diam. 47 mm, PES 0.1 µm</p> <table border="0" style="width: 100%;"> <tr> <td style="border: 1px solid black; padding: 2px;">REF</td> <td>1214756</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">LOT</td> <td>SAMPLE</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">QTY</td> <td>100 EA</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Mfg</td> <td>Jan/2018</td> </tr> </table> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>130 °C</p>  </div> <div style="text-align: center;">  <p>9999999</p> </div> <div style="text-align: right;"> <p>MADE IN USA</p> <p>Rev. 0</p> </div> </div> </div>			Product	Interior package	Exterior package	47 mm Discs	Discs separated by blue paper in a thermoformed tray	Clear/white plastic box	90 mm Disc	Discs separated by blue paper	Round container	200 x 200 mm sheet	Sheets separated by blue paper	White mailer	30 cm x 3 m	Single sheet wrapped on a plastic core	Cardboard box	REF	1214756	LOT	SAMPLE	QTY	100 EA	Mfg	Jan/2018
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CERTIFICATE OF COMPLIANCE	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.																									
PERFORMANCE REQUIREMENTS	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="2">Acceptance Requirement</th> <th>Standard Test Method</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Thickness</td> <td>110-150 µm</td> </tr> <tr> <td>2</td> <td>Water Flow Rate</td> <td>Min 7 mL/min/cm² @ 10 psi</td> </tr> <tr> <td>3</td> <td>Bubble Point</td> <td>70-90 psi (4.8-6.2 bar)</td> </tr> </tbody> </table>			Acceptance Requirement		Standard Test Method	1	Thickness	110-150 µm	2	Water Flow Rate	Min 7 mL/min/cm ² @ 10 psi	3	Bubble Point	70-90 psi (4.8-6.2 bar)											
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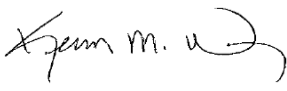
This material specification describes the properties of product above indicated.

PRODUCT SPECIFICATION

Product PN	1214756, 1222230, 1225881, 3026365	Mod. 984
Description	0.1 µm Polyethersulfone Filtration Membrane Discs and Sheets	Rev. 01

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

REVISIONS AND APPROVALS:

DATE	REV	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
6/8/18	0	Initial Release	Gil Tavares/Process Development Engineer 	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.