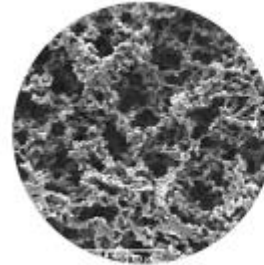


Product PN	1215424, 1215425, 1215419, 1215415, 1215411, 1215428, 1215421, 1215416, 1215412, 1215431, 1215432, 1215433, 3050851	Mod. 984
Description	0.8 µm Nitrocellulose (NC) Filtration Membrane in Discs and Sheets	Rev. 01

0.8 µm Nitrocellulose (NC) Filtration Membrane in Discs and Sheets



PRODUCT DESCRIPTION	0.8 µm Nitrocellulose (NC) Filtration membrane packaged in discs and sheets.					
	Part Number	Color	Gridded	Geometry	Dimensions	Packaging
	1215424	White	No	Disc	13mm	100/pk
	1215425	White	No	Disc	25mm	100/Pk.
	1215419	White	Yes, black grid	Disc	25mm	100/Pk.
	1215415	Black	No	Disc	25mm	100/Pk.
	1215411	Black	Yes, white grid	Disc	25mm	100/pk
	1215428	White	No	Disc	47mm	100/Pk.
	1215421	White	Yes, black grid	Disc	47mm	100/pk
	1215416	Black	No	Disc	47mm	100/pk
	1215412	Black	Yes, white grid	Disc	47mm	100/pk
	1215431	White	No	Disc	90mm	25/pk
	1215432	White	No	Disc	142mm	25/Pk
	1215433	White	No	Disc	293mm	25/Pk.
3050851	White	No	Sheet	20x20cm	5/pk	
MANUFACTURE NAME	GVS North America, Inc. 63 Community Drive Sanford, ME 04073 Phone: +1.866.736.1250 Email: CustomerCareGVSLs@gvs.com Website: www.gvs.com					
INTENDED USE/ APPLICATION	These products are filtration membranes, often used for particle monitoring and removal, air monitoring, and bioassays.					
MATERIALS	Membrane: Nitrocellulose (NC) Filtration membrane Regulatory Documentation Required: <ul style="list-style-type: none"> <input type="checkbox"/> Biocompatibility according ISO 10993-1 <input type="checkbox"/> IMDS <input 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) 					



PRODUCT SPECIFICATION

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	<input checked="" type="checkbox"/> Conflict minerals <input checked="" type="checkbox"/> USP Class VI									
PRODUCT CHARACTERISTICS	Appearance/Visual: <ul style="list-style-type: none"> • White or black membrane with or without grids configured in discs or sheets • High flow rates, fast filtration rates • Uniform pore structure; consistent flow and diffusion rates • Hydrophilic • Max, operating temperature: 356°F (180°C) 									
WARNINGS	Nitrocellulose membrane is highly flammable. Keep away from heat and open flame. Flash point is approximately 200°C.									
PRODUCT SHELF LIFE	5 years in normal storage conditions: Store the product at room temperature away from chemical vapors, 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> <input checked="" type="checkbox"/> EtO <input checked="" type="checkbox"/> Gamma (25 – 40 kGy) <input checked="" type="checkbox"/> Autoclave (121°C) <input checked="" type="checkbox"/> eBeam									
	<i>*user has the responsibility to validate their process</i>									
PACKAGING AND LABELING	<ul style="list-style-type: none"> • Primary packaging: <table border="1" data-bbox="384 1265 1500 1424"> <thead> <tr> <th>Product</th> <th>Interior package</th> <th>Exterior package</th> </tr> </thead> <tbody> <tr> <td>13, 25, 47 mm Discs</td> <td>Discs separated by blue paper in a thermoformed tray</td> <td>Clear/white plastic box, 4 5/8" x 3 1/2 " x 3/4"</td> </tr> <tr> <td>90, 142, 293 mm Discs</td> <td>Discs separated by blue paper</td> <td>Size specific top and bottom</td> </tr> </tbody> </table> • Each configuration will be labeled with: <ul style="list-style-type: none"> ○ Quantity ○ Product item code and description ○ Manufacturing date ○ Lot number ○ Storage conditions • An example of a label is below 	Product	Interior package	Exterior package	13, 25, 47 mm Discs	Discs separated by blue paper in a thermoformed tray	Clear/white plastic box, 4 5/8" x 3 1/2 " x 3/4"	90, 142, 293 mm Discs	Discs separated by blue paper	Size specific top and bottom
Product	Interior package	Exterior package								
13, 25, 47 mm Discs	Discs separated by blue paper in a thermoformed tray	Clear/white plastic box, 4 5/8" x 3 1/2 " x 3/4"								
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Nitrocellulose (NC) Membrane
Disk white diam. 13 mm NC 0.8 µm

REF	1215424
LOT	SAMPLE
QTY	100 EA
📅	Jan/2018

180 °C



MADE IN USA Rev. 0

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.

VISUAL REQUIREMENTS *Visual acceptance requirements apply when inspected under below conditions:*
Magnification: None
Light type: Ambient

Acceptance Requirement	Acceptance Requirement	Sampling Plan
Creases/Folds	None	100% Inspection
Cracks	None	
Pin Holes	None	
Wrinkles	None	
Tension Lines	None	

		Acceptance Requirement	Standard Test Method
1	Thickness	110-190 µm	N/A
2	Water Flow Rate	Min 88 mL/min/cm ² @ 10 psi	ASTM F 316-03 (2011)
3	Bubble Point	11-19 psi (0.7-1.3 bar)	ASTM F 316-03 (2011)


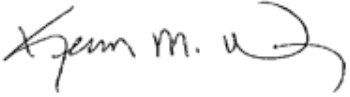
This material specification describes the properties of product above indicated.
This document contains general requirements, material description, drawing references, defect specification, and biological material requirements.



PRODUCT SPECIFICATION

Product PN	1215424, 1215425, 1215419, 1215415, 1215411, 1215428, 1215421, 1215416, 1215412, 1215431, 1215432, 1215433, 3050851	Mod. 984
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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)
10/16/19	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.