

Product PN	1213888, 1213314, 1215476, 1221976, 1215483, 1215471	Mod. 984
Description	0.45 µm Nitrocellulose (NC/MCE) Membrane Sheets and Rolls	Rev. 01

0.45 µm Nitrocellulose (NC/MCE) Membrane Sheets and Rolls



PRODUCT DESCRIPTION	0.45 µm Nitrocellulose (NC/MCE) Membrane Sheets and Rolls			
	Part Number	Geometry	Dimensions	Packaging
	1213888	Sheet	70x84mm	10/Pk
	1213314	Sheet	100x100mm	10/Pk
	1215476	Sheet	150x150mm	5/Pk
	1221976	Sheet	200x200mm	25/Pk
	1215483	Roll	200x3000mm	1/Pk
	1215471	Roll	300x3000mm	1/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	Fill in. Nitrocellulose transfer membrane is naturally hydrophilic and binds protein and nucleic acids. Nitrocellulose is used in protein & immunoblotting applications, Westerns and Northern & Southern blotting.			
MATERIALS	Membrane: nitrocellulose/mixed cellulose esters 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) <input checked="" type="checkbox"/> Conflict minerals <input type="checkbox"/> USP Class VI 			



FILTER TECHNOLOGY

PRODUCT SPECIFICATION

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PRODUCT CHARACTERISTICS

Appearance/Visual:

- Membrane of choice for protein or immunoblotting applications
- Low background, easily blocked
- Wets out naturally
- Compatible with radioisotopic, chromogenic and chemiluminescent detection systems.

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

This is a non-sterile product, compatible with these sterilization techniques*:

- EtO
- Gamma (25 – 40 kGy)
- Autoclave (121°C)

**user has the responsibility to validate their process*

PACKAGING AND LABELING

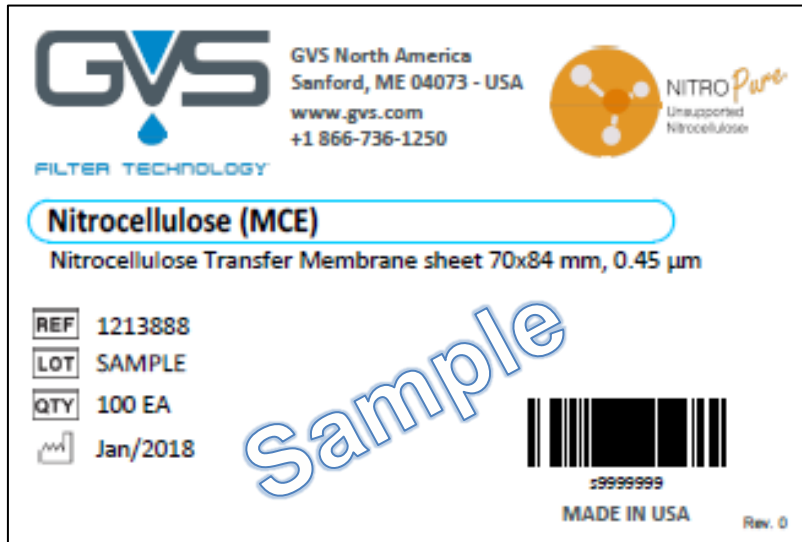
Product	Interior package	Exterior package
Sheets	Sheets separated by blue paper	White mailer
Roll	Roll on core and surrounded by blue paper	Roll placed in box

- Each configuration will be labeled with:
 - Quantity
 - Product item code and description
 - Manufacturing date
 - Lot number
 - Storage conditions
- An example of a label is below

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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.

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

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 12.24 ml/min/cm ² at 10 psi	ASTM F316-03 (2011)
3	Bubble Point	45- 65 psi	ASTM F316-03 (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.

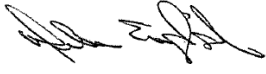
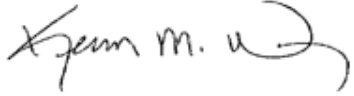


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REVISIONS AND APPROVALS:

DATE	REV	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
11/17/19	0	Initial Release	Debra English Manager Biochemistry Applications 	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.