

Product PN	1213370, 1214428, 1213372, 1213373, 1213375, 1213379, 1213380, 1213382, 1213404, 1213403, 1213364	Mod. 984
Description	0.45 µm Magna Neutral Nylon Membrane Sheets and Rolls	Rev. 01

0.45 µm Magna Neutral Nylon Membrane Sheets and Rolls



PRODUCT DESCRIPTION	0.45 µm Magna Neutral Nylon Membrane and Sheets and Rolls			
	Part Number	Geometry	Dimensions	Packaging
	1213370	Disc	82mm	50/Pk
	1214428*	Disc	82mm	100/Pk
	1213372	Disc	85mm	50/Pk
	1213373	Disc	132mm	50/Pk
	1214509*	Disc	132mm	100/Pk
	1213375	Disc	137mm	50/Pk
	1214245*	Disc	137mm	100/Pk
	1213384	Sheet	102x133mm	10/Pk
	1213391	Sheet	115x160mm	10/Pk
	1213379	Sheet	150x150mm	5/Pk
	1213380	Sheet	200x200mm	5/Pk
	1215310**	Sheet	200x200mm	25/Pk
	1213382	Sheet	220x220mm	5/Pk
	1224585	Sheet	225x225mm	10/Pk
	1213383	Sheet	300x300mm	5/Pk
	1213395	Sheet	300x500mm	5/Pk
	1213404	Roll	150x3000mm	1/Pk
	1213403	Roll	200x3000mm	1/Pk
	1213364	Roll	300x3000mm	1/Pk
	1214994	Sheet	4.75x11in	10/Pk
	*100/pk **25/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	Nylon transfer membrane is naturally hydrophilic and reproducibly binds nucleic acids. It is used in blotting applications such as Southern, Northern, colony and plaque lifts and library screening.			
MATERIALS	Membrane: Nylon Membrane			

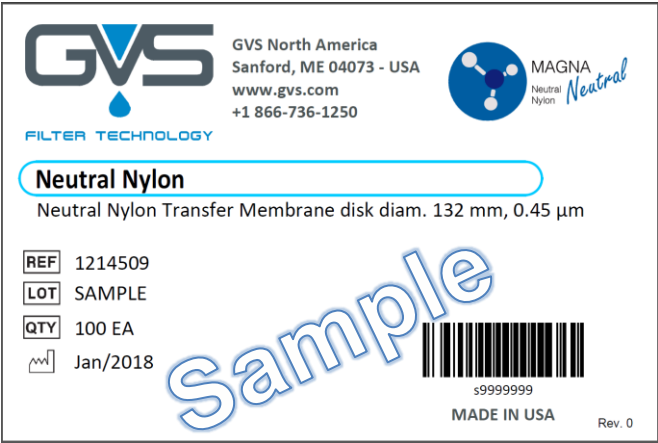
PRODUCT SPECIFICATION

Product PN	1213370, 1214428, 1213372, 1213373, 1213375, 1213379, 1213380, 1213382, 1213404, 1213403, 1213364	Mod. 984
Description	0.45 µm Magna Neutral Nylon Membrane Sheets and Rolls	Rev. 01

	<p>Regulatory Documentation Required:</p> <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"/> <input checked="" type="checkbox"/> USP Class VI 												
PRODUCT CHARACTERISTICS	<p>Appearance/Visual:</p> <ul style="list-style-type: none"> • Supported: has added strength and durability preventing distortion or contamination in multiple reprobing • High binding capacity • Hydrophilic: eliminates the need for wetting agents that can potentially interfere with biological processes • Lot-to-lot consistency: quality checks ensure lot-to-lot consistency, both down and across 												
PRODUCT SHELF LIFE	<p>5 years in normal storage conditions: Store the product at room temperature away from chemical vapors, in a dry place, and free of dust.</p>												
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 – 40 kGy) <input checked="" type="checkbox"/> Autoclave (121°C) <p><i>*user has the responsibility to validate their process</i></p>												
PACKAGING AND LABELING	<ul style="list-style-type: none"> • Primary packaging: <table border="1" data-bbox="386 1489 1500 1648"> <thead> <tr> <th>Product</th> <th>Interior package</th> <th>Exterior package</th> </tr> </thead> <tbody> <tr> <td>Discs</td> <td>Discs separated by blue</td> <td>Clear/white plastic box,</td> </tr> <tr> <td>Sheets</td> <td>Sheets separated by blue paper</td> <td>White mailer</td> </tr> <tr> <td>Roll</td> <td>Roll on core & surrounded by blue paper</td> <td>Roll placed in 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 	Product	Interior package	Exterior package	Discs	Discs separated by blue	Clear/white plastic box,	Sheets	Sheets separated by blue paper	White mailer	Roll	Roll on core & surrounded by blue paper	Roll placed in box
Product	Interior package	Exterior package											
Discs	Discs separated by blue	Clear/white plastic box,											
Sheets	Sheets separated by blue paper	White mailer											
Roll	Roll on core & surrounded by blue paper	Roll placed in box											

PRODUCT SPECIFICATION

Product PN	1213370, 1214428, 1213372, 1213373, 1213375, 1213379, 1213380, 1213382, 1213404, 1213403, 1213364	Mod. 984
Description	0.45 µm Magna Neutral Nylon Membrane Sheets and Rolls	Rev. 01

	<ul style="list-style-type: none"> An example of a label is below 
--	--

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	<p><i>Visual acceptance requirements apply when inspected under below conditions:</i></p> <p>Magnification: None Light type: Ambient</p> <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">Acceptance Requirement</th> <th>Sampling Plan</th> </tr> </thead> <tbody> <tr> <td>Creases/Folds</td> <td>None</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">100% Inspection</td> </tr> <tr> <td>Cracks</td> <td>None</td> </tr> <tr> <td>Pin Holes</td> <td>None</td> </tr> <tr> <td>Wrinkles</td> <td>None</td> </tr> <tr> <td>Tension Lines</td> <td>None</td> </tr> </tbody> </table>	Acceptance Requirement		Sampling Plan	Creases/Folds	None	100% Inspection	Cracks	None	Pin Holes	None	Wrinkles	None	Tension Lines	None
Acceptance Requirement		Sampling Plan													
Creases/Folds	None	100% Inspection													
Cracks	None														
Pin Holes	None														
Wrinkles	None														
Tension Lines	None														

PERFORMANCE REQUIREMENTS	<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">Acceptance Requirement</th> <th>Standard Test Method</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Thickness</td> <td>140-190 µm</td> <td>N/A</td> </tr> <tr> <td>2</td> <td>Water Flow Rate</td> <td>Min 7.76 ml/min/cm² at 10 psi</td> <td>ASTM F316-03 (2011)</td> </tr> <tr> <td>3</td> <td>Bubble Point</td> <td>32-57 psi</td> <td>ASTM F316-03 (2011)</td> </tr> </tbody> </table>	Acceptance Requirement		Standard Test Method	1	Thickness	140-190 µm	N/A	2	Water Flow Rate	Min 7.76 ml/min/cm ² at 10 psi	ASTM F316-03 (2011)	3	Bubble Point	32-57 psi	ASTM F316-03 (2011)
Acceptance Requirement		Standard Test Method														
1	Thickness	140-190 µm	N/A													
2	Water Flow Rate	Min 7.76 ml/min/cm ² at 10 psi	ASTM F316-03 (2011)													
3	Bubble Point	32-57 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.

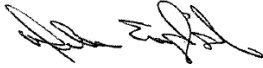
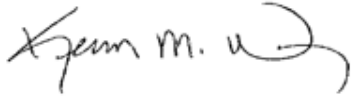


PRODUCT SPECIFICATION

Product PN 1213370, 1214428, 1213372, 1213373, 1213375, 1213379, 1213380, 1213382, 1213404, 1213403, 1213364 **Mod. 984**

Description 0.45 µm Magna Neutral Nylon Membrane Sheets and Rolls **Rev. 01**

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.