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|--------------------|------------------------------------------------------------------------------------------|-----------------|
| Product PN | 1213810, 1213811, 1236904, 1213812, 3048260, 1213813, 1213815, 1213816, 1222851, 1221441 | Mod. 984 |
| Description | 5.0 µm Nylon Filtration Membrane Discs and Sheets | Rev. 01 |

5.0 µm Nylon (NY) Filtration Membrane Discs and Sheets



MAGNA
Nylon Membrane

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|------------------|
| PRODUCT DESCRIPTION | 5.0 µm Nylon Discs and Sheets | | | |
| | Part Number | Geometry | Dimensions | Packaging |
| | 1213810 | Disc | 13 mm | 100/Pk |
| | 1213811 | Disc | 25 mm | 100/Pk |
| | 1236904 | Disc | 37 mm | 100/Pk |
| | 1213812 | Disc | 47mm | 100/Pk |
| | 3048260 | Disc | 47mm, gridded | 100/Pk |
| | 1213813 | Disc | 90 mm | 25/pk |
| | 1213815 | Disc | 142 mm | 25/pk |
| | 1213816 | Disc | 293 mm | 25/pk |
| | 1222851 | Sheet | 200 x 200 mm | 5/pk |
| | 1221441 | Sheet | 30 cm x3 m | 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 | Typical Applications: <ul style="list-style-type: none"> • HPLC sample preparation • Clarification of aqueous and organic solvent solutions • Radiolabeled and non-radiolabeled detection systems • Northern and Southern blots (nucleic acids) • Multiple reprobings • Alkaline transfers • DNA fingerprinting • UV crosslinking | | | |
| MATERIALS | Film: Nylon (N66), supported with PET fabric Regulatory Documentation Required: <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) | | | |



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| | <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"> • USP Class VI compliant • Hydrophilic • Max. operating temperature: 365°F (180°C) • Autoclavable • Broad sealing compatibility, including ultrasonic, heat, radio frequency and insert molding | | | | | | | | | | | | | | | | | | | | |
| PRODUCT SHELF LIFE | 5 years in normal storage conditions: Store the product at room temperature, 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*: <input checked="" type="checkbox"/> EtO <input checked="" type="checkbox"/> Gamma (25 kGy)6.5 <input checked="" type="checkbox"/> Autoclave (121°C) <input type="checkbox"/> eBeam <i>*user has the responsibility to validate their process</i> | | | | | | | | | | | | | | | | | | | | |
| PACKAGING AND LABELING | <table border="1"> <thead> <tr> <th>Product</th> <th>Interior package</th> <th>Exterior package</th> </tr> </thead> <tbody> <tr> <td>13, 25, 37, 47 mm Discs</td> <td>Discs separated by blue paper in a thermoformed tray</td> <td>Clear/white plastic box</td> </tr> <tr> <td>47 mm, gridded</td> <td>Gridded discs separated by blue paper in a thermoformed tray</td> <td>Clear/white plastic box</td> </tr> <tr> <td>90, 142 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> | | | Product | Interior package | Exterior package | 13, 25, 37, 47 mm Discs | Discs separated by blue paper in a thermoformed tray | Clear/white plastic box | 47 mm, gridded | Gridded discs separated by blue paper in a thermoformed tray | Clear/white plastic box | 90, 142 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 |
| | Product | Interior package | Exterior package | | | | | | | | | | | | | | | | | | |
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| | 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 | | | | | | | | | | | | | | | | | | |
| <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 | | | | | | | | | | | | | | | | | | | | | |
| Example label below: | | | | | | | | | | | | | | | | | | | | | |



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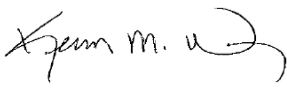


CERTIFICATE OF COMPLIANCE A conformity declaration will be sent to the customer for each shipment with lot number and date of manufacture. The Quality management system is in compliance with ISO 9001.

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|---------------------------------|-------------------------------|-----------------|-----------------------------------------|----------------------|
| PERFORMANCE REQUIREMENTS | Acceptance Requirement | | Standard Test Method | |
| | 1 | Thickness | 65-130 µm | N/A |
| | 2 | Water Flow Rate | Min 223 mL/min/cm ² @ 10 psi | ASTM F 316-03 (2011) |
| | 3 | Bubble Point | 6-13 psi (0.4-0.8 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.

REVISIONS AND APPROVALS:

| DATE | REV | REASON FOR CHANGE | ISSUED AND CONTROLLED BY: (name /function and signature) | APPROVED BY: (name /function and signature) |
|---------|-----|-------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 6/12/19 | 0 | Initial release | Gil Tavares/Process Development Engineer  | Kevin Wrigley/Director of Quality  |



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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.