

Product PN	1215274, 1215613, 1215147, 1215614, 1215615, 1215617, 1226156, 3023783, 1228342, 1215303, 1215152, 1215317	Mod. 984
Description	0.4 µm Hydrophilic Polycarbonate Track-Etched Membrane Discs and Sheets	Rev. 02

0.4 µm Hydrophilic Polycarbonate Track Etched Membrane



	Part Number	Geometry	Dimensions	Packaging
	1215613	Disc	13 mm	100/Pk
	1215147	Disc	19 mm	100/Pk
	1215614	Disc	25mm	100/Pk
	1215615	Disc	37 mm	100/pk
	1215617	Disc	47mm	100/Pk
	1226156*	Disc	47mm	200/Pk
	3023783	Disc	62mm	100/pk
	1228342	Disc	76 mm	100/pk
	1215303	Disc	90 mm	30/pk
	1215152	Disc	142 mm	20/pk
	1215317	Disc	293 mm	20/pk
	1215274	Sheet	203 x 254 mm	30/pk
IUFACTURER	* white, sterile and s	, Inc.		
	63 Community Drive Sanford, ME 04073 Phone: +1.866.736.´ Email: <u>CustomerCar</u> Website: <u>www.gvs.c</u>	1250 eGVSLS@gvs.com		
ENDED USE/	Typical Applications:			
PLICATION	Direct count	ing of microorganisms		
TERIALS	Direct count Water testing	ing of microorganisms g	gent polyvinylpyrrolidone (F	PVP)
	Direct count Water testing Film: Polycarbonate Regulatory Document	ing of microorganisms g treated with wetting ag		PVP)
	Direct count Water testing Film: Polycarbonate Regulatory Document Biocompatibili	ing of microorganisms g treated with wetting ag ntation Required: ty according ISO 1099		PVP)
	Direct count Water testing Film: Polycarbonate Regulatory Document □ Biocompatibili □ IMDS ☑ Rohs, directive	ing of microorganisms g treated with wetting ag ntation Required: ty according ISO 1099		PVP)
	Direct count Water testing Film: Polycarbonate Regulatory Document □ Biocompatibili □ IMDS ☒ Rohs, directive ☒ BSE/TSE, directive	ing of microorganisms g treated with wetting ag ntation Required: ty according ISO 1099 e 2002/95/CE		PVP)
	Direct count Water testing Film: Polycarbonate Regulatory Document □ Biocompatibili □ IMDS ☒ Rohs, directive ☒ BSE/TSE, directive	ing of microorganisms g treated with wetting agentation Required: ty according ISO 1099 e 2002/95/CE ective 2003/32/CE		PVP)
	Direct count Water testing Film: Polycarbonate Regulatory Document □ Biocompatibili □ IMDS ☒ Rohs, directive ☒ BSE/TSE, directive □ DEHP plasticity ☐ Aging	ing of microorganisms g treated with wetting agentation Required: ty according ISO 1099 e 2002/95/CE ective 2003/32/CE	3-1	PVP)



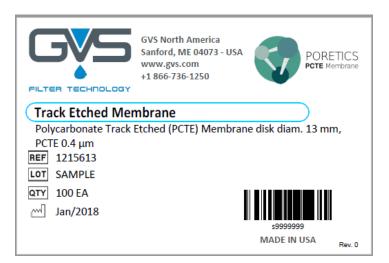
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	⊠Conflict minerals ⊠USP Class VI				
PRODUCT CHARACTERISTICS	 Absolute pore size and density allows for precise size separation Direct thickness and pore size measurements provide accurate characteristics Superior strength allows for aggressive handling Low protein binding ensures clean results Resists chemical staining to ease microscopic visualization Passes USP Class VI testing Nominal Characteristics:				
	Attribu	ıte		Result	
	Thickness			9-11 μm	
	BSA Protein			5 μg/cm ²	
	Max. Operating		2	284°F (140°C)	
	Sealing Com			dio Frequency, and Insert Molding	
	Refractive	Indices	Birefringe	ent at 1.584 and 1.625	
	Water Adsorption (% immers			0.24%	
	Residual Ash We	eight Average		0.92 μg/cm ²	
	Leachal	oles	Negligible		
		Wetting Characteristics		Hydrophilic	
	Burst Strength Minimum		С	0.7 bar (10 psi)	
	Migration of Fi	Iter Media		0	
PRODUCT SHELF LIFE	5 years in normal stora Store the product at roo		dry place, free of dus	t and not exposed to direct sunlight.	
STERILIZATION	This product is compatible with these sterilization techniques: □ EtO □ Gamma (25 kGy) □ Autoclave (121°C) *Sterilization is not required				
PACKAGING AND	Product	Interior packag	e	Exterior package	
LABELING	13, 19, 25, 37, 47,		d by blue paper in a	Clear/white plastic box	
	62 mm Discs PN 1226156 only	thermoformed t	ray ndividually packaged	Cardboard box	
	76, 90, 142, 293		d by blue paper	Round container	
	mm Disc				
	203 x 254 mm Sheets separate sheet		ed by blue paper	White mailer	
	 Each configuration will be labeled with: Quantity Product item code and description Manufacturing date Lot number Storage conditions 				



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Example label below:



CERTIFICATE OF COMPLIANCE

A conformity declaration will be sent to the customer for each shipment with the 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 the below conditions:

Magnification: None Light type: Standard

	Acceptance Requirement	Sampling Plan	
1	Creases/Folds: lines which do not disappear when the membrane is placed under tension	None	
2	Cracks: areas where the membrane is bent to the point of fracture	None	
3	Pinholes: openings or perforations in the membrane	None	
4	Tension Lines: lines which disappear when the membrane is placed under tension	Max. 3 (not continuous)	100% inspection
5	Wrinkles (A): wavy surfaces which disappear when the membrane is placed under tension	Minimal	
6	Wrinkles (B): wavy surfaces which do not disappear when the membrane is placed under tension	None	

PERFORMANCE REQUIREMENTS

	Acceptance Requirement	Specification	Master Roll Sampling Plan
1	Pore Size (µm)	0.32-0.4	left, middle, & right every 120m
2	Pore Density (pores/cm²)	1.0 x 10 ⁸ ± 15%	left, middle, & right every 120m
3	Air Flow (L/min/cm ² @ 10psi)	≥ 7.5	left, middle, & right every 120m
4	Bubble Point (psi) (measured using IPA)	≥ 12	left, middle, & right every 120m

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.



FILTER TECHNOLOGY		
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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)
10/23/19	0	Initial Release	Yuander Ju/Director, TEM	Kevin Wrigley/Director, Quality Ham M. W.

CUSTOMER APPROVAL:

We accept this m	aterial 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.