

Product PN	1215630, 1215631, 1215632, 3023785, 3013825, 1221004, 1215388, 1221329, 1221295, 1215041, 1222080, 1264835	Mod. 984
Description	5.0 µm Hydrophilic Polycarbonate Track-Etched Membrane Sheets	Rev. 02

5.0 um Hydrophilic Polycarbonate Track Etched Membrane Sheets



	Part Number	Geometry	Dimensions	Packaging		
	1215630	Disc	13 mm	100/Pk		
	1215631	Disc	25mm	100/Pk		
	1215632	Disc	47mm	100/Pk		
	3023785	Disc	62mm	100/Pk		
	3013825	Disc	76 mm	100/pk		
	1221004	Disc	90 mm	30/pk		
	1215388	Disc	142 mm	20/pk		
	1221329	Disc	293 mm	20/pk		
	1211295	Sheet	19x42 mm	100/pk		
	1215041	Sheet	25x80 mm	50/pk		
	1222080	Sheet	203x254mm	30/Pk		
	1264835	Sheet	300x3000mm	1/Pk		
NUFACTURER	GVS North America 63 Community Drive					
ANOFACTORER						
	Sanford, ME 04073	,				
	Phone: +1.866.736.	1250				
	Email: CustomerCar					
	Website: www.gvs.c					
ENDED USE/	Typical Application	ns:				
PLICATION	Epifluorescence					
	Observation of microorganisms					
	Direct counting of microorganisms					
	Water testin	g				
ATERIALS	Film: Polycarbonate	treated with wetting ag	gent Polyvinyl Pyrolidone (PVP)		
	Pagulatory Decumentation Paguired:					
	Regulatory Documentation Required: □Biocompatibility according ISO 10993-1					
	□ IMDS					
	⊠Rohs, directive 2002/95/CE					
	☑BSE/TSE, directive 2003/32/CE□DEHP plasticizer and latex free					
	·	zer and latex free				
	□ Aging	1000/OF /L	hata a sa Lee A			
		:006/CE (hazardous su	· ,			
	☐ Dir. 67/548/CE and Reg. 1272/2008/CE (medical sector dangerous substances)					
	⊠Conflict miner	_	0 = (ou.ou. ocoto: uugo			



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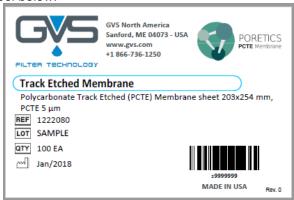
Description	5.0 µm	Hydrophilic Polycarbor	nate Track-Etch	ed Membrane Sheets	S	Rev. 02
		⊠USP Class VI				
PRODUCT CHARACTERISTICS		 Absolute pore size and density allows for precise size separation Direct thickness and pore size measurements provide accurate characteristics Superior strength allows for aggressive handling Low protein binding ensures clean results Resists chemical staining to ease microscopic visualization Passes USP Class VI testing Nominal Characteristics:				
		Attribu	te		Result	
		Thickness			9-11 um	
		BSA Protein	, ,		5 μg/cm ²	
		Max. Operating T			284°F (140°C)	
		Sealing Com		Ultrasonic, Heat, Ra	dio Frequency, and Inser	t Molding
		Refractive I	ndices	Birefring	ent at 1.584 and 1.625	
		Water Adsorption (% immersion)	on)	0.24%		
		Residual Ash Wei		0.92 μg/cm ²		
		Leachables		Negligible		
		Wetting Chara			Hydrophilic	
		Burst Strength Minimum 0.7 bar (10 psi)		<u>`</u>		
		Migration of Fil	ter Media		0	
PRODUCT SHELF LIFE		5 years in normal storage conditions: Store the product at room temperate, in a dry place, free of dust and not exposed to direct sunlight			ect sunlight.	
STERILIZATION		This product is compatib □ EtO □ Gamma (25 kGy) □ Autoclave (121°C) *Sterilization is not requi		rilization techniques:		
PACKAGING AN LABELING	ND	Primary packaging				
		Product	Interior packag		Exterior package	
		13, 25, 47, 62 mm Discs	Discs separate thermoformed t	d by blue paper in a	Clear/white plastic box	
		76, 90, 142, 293 mm Disc		d by blue paper	Round container	
		19 x 42 mm, 25 x 80 mm, 203 x 254 mm sheet	Sheets separat	ed by blue paper	White mailer	
		300 x 3000 mm	_	rapped on a plastic	Cardboard box	



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- Manufacturing date
- Lot number
- Storage conditions

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	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)	4.0-5.0	left, middle, & right every 120m
2	Pore Density (pores/cm²)	4.0x10E5±15%	left, middle, & right every 120m
3	Air Flow (L/min/cm ² @ 5psi)	≥30	left, middle, & right every 120m
4	Bubble Point (psi) (measured using IPA)	≥1.2	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)
5/31/18	0	Initial Release	Yuander Ju/ Director of TEM	Kevin Wrigley/Director, Quality

CUSTOMER APPROVAL:

We accept this ma	aterial specification as a part of the agree	ed 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.