

mdi Cellulose Nitrate membrane disc filters are white, hydrophilic, non-biodegradable filters for filtration of aqueous solution.



Water Flow Rate @ 10 psi @ 27°C

0.2 µm	20 ml/min/cm ²
0.45 µm	45 ml/min/cm ²

Max. Operating Temperature
80°C Continuous

Max. Operating Pressure
5kg/cm²

Fiber Release
Passes test as per USP and comply with USFDA 21 CFR Part 210.3(b)(6) for fiber release

Particle Release
The filtrate complies with USP <788> test for particulate matter in injectables

Special Features

- Absolute Retention
- Hydrophilic
- Non-media migrating
- High flow rates
- Biologically inert

Applications

- Water analysis
- Sterility testing
- Filtration of aqueous solutions
- Product and water Microbiology

Specifications

Pore Size

0.2µm, 0.45µm, 0.8µm, 1.2µm, .5µm

Bubble Point

0.2 µm	≥ 50 psi
0.45 µm	≥ 32 psi

Thickness

135 ± 15µm

Material of Construction

Cellulose Nitrate

Sterilization

Autoclavable at 121°C for 30 minutes

Retention Efficiency

0.2 µm	LRV>7 for <i>B. diminuta</i>
0.45 µm	LRV>7 for <i>S. marcescens</i>

Ordering Information

Type		Size		Pore Size		XX XX		Sterility		Pack Size	
	Code		Code		Code				Code		Code
CN	CNXX	13 mm	03	0.2 µm	01			Non Sterile	1	100	04
		25 mm	06	0.45 µm	02						
		47 mm	09	0.8 µm	03						
				1.2 µm	10						
				5 µm	07						
EXAMPLE	CNXX	09		01		XX	XX	1			04

ООО «Винокс»

220051, г. Минск, ул. Громова, 28-320

+375 (29) 630-62-66

vinox.ooo@gmail.com

www.vinox.by