



Membrane Technologies

Nylon-66 Membrane Disc Filter Type NN

Nylon-66 Membrane Disc Filter Type NNXX

MDI Nylon membrane disc filters exhibit very wide chemical compatibility and useful for filtration of wide range of injectable solutions.

The double-layered membrane composition ensures extremely high reliability for sterilizing applications. These membranes are autoclavable and withstand inadvertent higher temperatures during sterilization.

NN membrane disc filters are non media migrating, biologically inert, with minimal extractables and are validated for absolute retention.

Special Features

- Minimal extractables
- Absolute retention
- High heat resistance
- Wide chemical compatibility
- Absolute reliability
- Biologically inert
- Hydrophilic



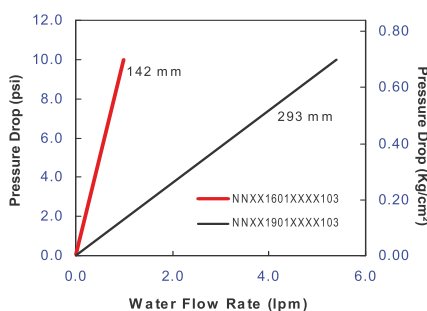
Application

- ◆ Filtration of pharmaceutical, aqueous and non aqueous solutions

Integrity Test Data (Bubble Point, Water Wetted)

Pore Size	psi	Kg/cm ²
0.2 µm	≥ 50	3.52
0.45 µm	≥ 32	2.25

Water Flow Rate



Specification

Material of Construction

Nylon-66 polymer

Pore Size

0.2 µm

Typical Thickness

140 µm

Wettability

Hydrophilic

Bacterial Retention

0.2µm: LRV>7 for Br.diminuta as per ASTM F 838-05

Maximum Operating Temperature

≤ 100 °C continuous

Biosafety

Passes the biological tests for Class VI of plastics as described in USP

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

Oxidizable Matter

Passes test as per USP

Extractables with Water

Within limits as specified in USP

Ordering Information

Type	Size			Pore Size		XX	XX	Sterility		Pack Size	
	Code	Dia	Code		Code			Code	Qty	Code	
Nylon-66	NNXX	90mm	14	0.2 µm	01			Non Sterile	1	50	03
		142mm	16	0.45 µm	02						
		293mm	19	0.8 µm	03						
				1.2 µm	10						
Example											
	NNXX		14		01	XX	XX		1		03

DST NNXXXXX1049G

Advanced Microdevices Pvt. Ltd., 20-21, Industrial Area, Ambala Cantt- 133006, INDIA

Tel: +91-171-2699 290, Fax: +91-171-2699 221 Email: info@mdimembrane.com, Website: www.mdimembrane.com