

A wide range of validated Cartridge & Capsule Filters, Membrane Filters to cater different pre-filtration and final-preparation needs and to overcome critical process filtration challenges

Lab & Analytical

Encompasses a comprehensive product line for analytical sample preparation, sterile filtration, microbiology applications, Chromatography (HPLC/ UPLC/ LCMSMS) & spectroscopy sampling and laboratory research

Diagnostics

Our Cost-effective NC (nitrocellulose) membrane solution to IVD (In-vitro diagnostic); Qualitative & Quantitative analysis of biological sample with lateral flow membranes & strips

About Us

Nupore Filtration Systems is a global membrane filtration solutions provider. Our membrane based product solutions support our customers to produce safe & clean products timely & economically.

We offer diversified membrane filters and membrane based filtration devices primarily catering to the Pharmaceutical, Life Sciences Research, Immunodiagnostics, Food & Beverages, Distillery and **Environment Industries**

We have been in business for over 30 years and know in & out of the Membrane Technology

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Contact Us



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CARTRIDGE FILTERS

MEMBRANE FILTERS



PoreCap[™] series of capsules filters are available in sterile and non-sterile options with diversified media, and are especially designed and developed for the removal of particles or bacteria or microbes from aqueous or solvent solutions or air/gas streams. Each capsule filter unit has been tested for integrity test methodology as per PDA Technical Report 26, (TR26) recommendation and complies with USP and ASTM requirement for extractable limits

Applications

- Aqueous Preparation
- Biologicals
- **Buffers**
- Cleaning/ Rinsing Solutions
- Enzymes
- Immunological
- Irrigation Solutions

NuCart[™] consists of sterile & non-sterile filters with diversified hydrophilic or hydrophobic media, designed and developed for the removal of particles or bacteria or microbes from aqueous or polar or non-polar solvent solutions or air/gas streams. Each filter unit meets the lot release methodology as per PDA Technical Report 26, (TR26) and each manufacturing lot complies with cGMP requirements

Applications

- WFI Preparation
- Biologicals •
- Venting Gas Tanks
- Beverages & Distilleries
- Carbonated & Flavored Drinks Water Bottling
- Parental Preparation, APIs •
- Salt Solutions
- Aggressive Solvents & Corrosive Chemicals



Nupore membrane filters offer uniform pore size distribution with superior strength and higher throughput to ensure repeatability and reproducibility and are available in a wide range of varieties All membranes are manufactured in compliance environment to maintain all regulatory norms and applications for lab filtration and process production filtration

Applications

- Analytical Methods Sample Preparation
 - General Filtration
 - Environmental Monitoring
- Sterile Filtration •
- Microbial Analysis
- Water Analysis



TruVent $\stackrel{\text{\tiny M}}{}$ contains hydrophobic PTFE membrane with a PP housing and is especially suited for gas streams with demanding requirements such as extreme humidity and stringent steam. These filters offer reliability, process security and a long service life. The inherent hydrophobicity of the PTFE membrane is unaffected by repeated autoclaving or steaming and guarantees sterile filtration of both dry and moist gases

Applications

- Venting Small Bioreactors (Inlet/Outlet)
- Air & Gas purification
- Moisture Trap
- Storage Tank/ Vessel Venting
- Filling Equipment Venting
 - Autoclave Venting



SteriFunnel[™] is a cost effective and ready to use disposable filtration solution for Sterility Testing. Manufactured in a clean room facility and perfectly designed for microbiology analysis, each funnel is pre-sterilized (EO or gamma sterilization) to ensure the highest quality test requirements of U.S., Japan and European Pharmacopeias for sterility testing

Applications

- Testing Antibiotics Solutions
- Microbial Analysis
- Sterility Test of Water
- Cleaning validation
- Bio-burden Analysis
- Quality Control analysis for final product release
- Alcoholic Beverages Analysis

PureChrom[™] series of disposable syringe filter devices are designed to provide rapid and efficient filtration of aqueous and organic solutions. Each manufacturing lot has been verified to ensure the absence (negligible presence) of organic and inorganic leachable contents using analytical tool like HPLC and ICP-MS. These are ready to use for laboratory sample preparation, chromatography and spectroscopy applications

Applications

50 MM disposable filter with PES membrane which provides high throughput, high flow rate, low protein binding and ensures performance

versatility in life sciences research, bio-pharmaceutical and healthcare

Applications

• Sterile filtration of new protein • Formulation development of

- Lab Sample Preparation
- Chromatography and Spectroscopy
- Applications in general chemicals
- Testing Labs, Food & Beverage and Agri Industries



Recognized & Approved for PPM to PPT level analysis

• Biotechnology

applications

Ideal for upto 4Ltrs

Manifolds

Filtration Funnel

Vacuum



molecules

Diagnostic Membranes



Diagnostic Laminates



Enviropore PT

for PM 2.5

high value drug molecules



Glass Fiber Filters & Thimbles



SS Housing



Our Products are validated and comply with:

- USP <88> Class VI for Toxicity
- USFDA 21 CFR Part 210.3(b)(6) for Non Fiber Release
- USP <788> for Particulate Matter in Injectables
- USP <661> for Extractables
- USP <1231> for Oxidizable Substances
- PDA TR (26) for Integrity & Lot Release
- 21 CFR 177.1520 for FDA Indirect Food Additive Regulation
- USP <643> for TOC & USP <645> for Conductivity

Strengthen your Analytical & Microbiology lab with us

For over 30 years we have been assisting and serving production and laboratories and key market segments like Pharmaceuticals, Environment, Energy, Diagnostics, Food & Product Safety in addressing challenging filtration applications and required throughput needs with genuinely tested and validated consumables portfolio across the sample to production preparation.

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Sterility & <u>Aicrobiolog</u> HPLC certified membrane and Syringe filters for laboratory sample preparation and Chromatography application to ensure leachable/extractable free filter solutions.

- Our PureChrom[™] syringe filters are widely used worldwide for various applications
- Ensure your chromatography data with our new series of syringe filters
- Enhance the HPLC/ UPLC column life by maintaining the column efficiency (N)

Recognized & Approved for PPM to PPT Level Analysis



SteriFunnel[™] is a cost effective filtration device for sterility test and microbiology applications

- Ensures microbial recovery
- Enhanced sterility throughput
- Guaranteed solution to safeguard consistency and reliability in results
- Water Testing



Nupore Filtration Systems Pvt. Ltd.

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