PROUDLY MADE IN india

BOROSIL®
Scientific
enabling the future of science



Filtration Products

High performance filtration for accurate results

Made from 3.3 Low Expansion Borosilicate Glass



Borosil Scientific offers a complete solution for the laboratory filtration applications with BOROPURE range of products. All glass filter assembly is an environment friendly & cost effective device for filtration. Made from high-quality borosilicate glass, it ensures excellent thermal and chemical stability for critical applications across analytical, microbiological, & pharmaceutical labs.

Filtration Products

Borosil Scientific's BOROPURE range offers a complete solution for laboratory filtration needs.

From precision-engineered Glass Filtration Assemblies to robust Stainless Steel solutions, each product is designed for efficient, high-quality filtration across a wide range of applications. The newly introduced BOROPURE Filter Membranes further expand the range, offering reliable performance for HPLC, sterile filtration, and contaminant analysis.

Compatible with most of the organic solvents

Easy to Clean

100% autoclavable & resurable

Environmental friendly & Cost effective

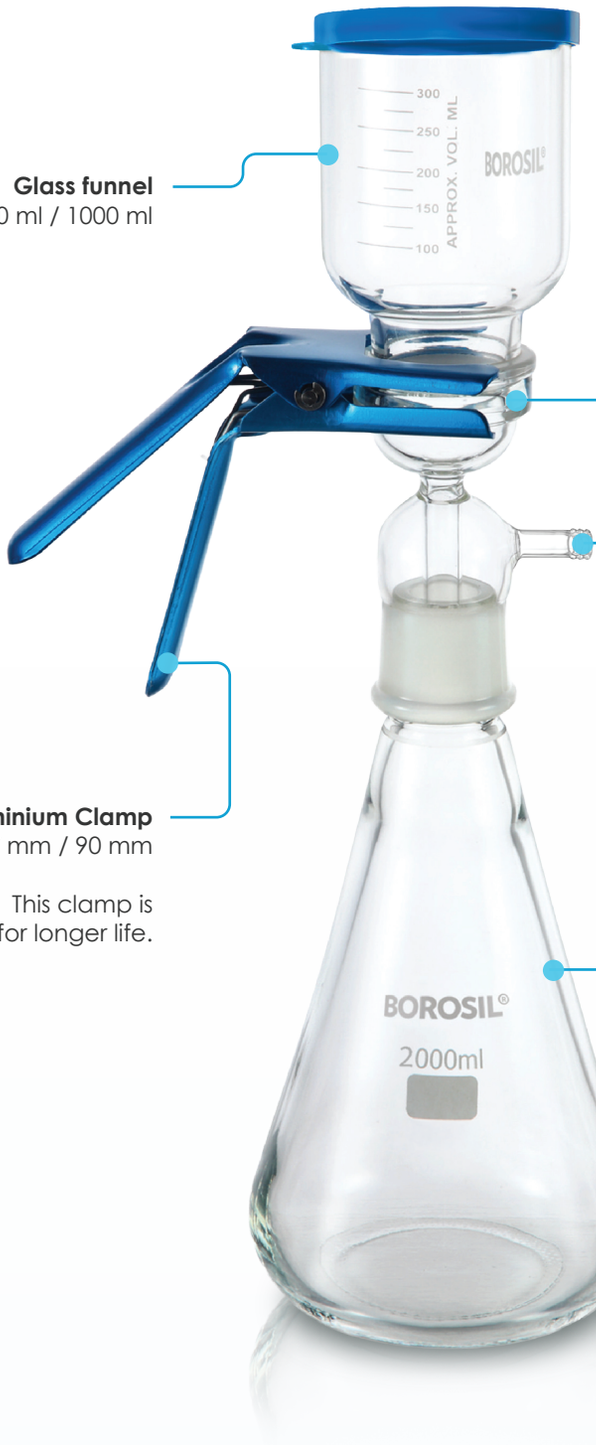


Industries


Pharmaceutical Industry
Biotechnology & Life science
Environmental & Water testing
Chemical Industry
Food & Beverage Industry
Petrochemical Industry
Diagnostic Labs

5350
BOROPURE Glass Filtration Assembly

Glass Filtration Assembly



Glass funnel
Capacity : 300 ml / 1000 ml

Filter Support Base
With sintered glass filter : 47 mm / 90 mm

This design has an integral vacuum connection located above filtrate drip to prevent the contamination of the vacuum line from droplets

Aluminium Clamp
47 mm / 90 mm

This clamp is anodised for longer life.

Glass Receiver flask
500 ml / 1000 ml / 2000 ml / 5000 ml

Scan for **Product Details**

Ideal for filtration of HPLC solvents & aqueous mobile phase solutions & buffers.

Available in the following capacities:
Funnel - 300 ml, 1000 ml
Filter - 47 mm, 90 mm, 300 ml, 500 ml, 1000 ml, 2000 ml

5360
BOROPURE Glass Filtration Assembly
With Silicone Stopper, 47 mm



Glass funnel
Capacity : 300 ml

Filter Support Base
With sintered glass filter : 47 mm

This design has an integral vacuum connection located above filtrate drip to prevent the contamination of the vacuum line from droplets

Silicone stopper
Size : #8

Aluminium Clamp
47 mm

This clamp is anodised for longer life.

Vacuum connection located on the reciever flask

Glass Receiver flask
1000 ml / 2000 ml

Scan for **Product Details**

Facilitates analysis of particulate or biological contamination of the vacuum filtering liquid.

Available in the following capacities:
Funnel - 300 ml
Filter - 47 mm, 300 ml, 1000 ml, 2000 ml

5370

BOROPURE Glass Micro-Filtration Assembly

With Silicone Stopper, 25 mm



Glass funnel
Capacity : 15 ml

Filter Support Base
With sintered glass filter : 25 mm

This design has an integral vacuum connection located above filtrate drip to prevent the contamination of the vacuum line from droplets

Silicone stopper
Size : #5

Vacuum connection located on the reciever flask

Aluminium Clamp
25 mm

This clamp is anodised for longer life.

Glass Receiver flask
125 ml

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Product Details

Ideal for small volume vacuum filtration for biological analysis or particulate contamination analysis.

Available in the following capacities:
Funnel - 15 ml
Filter - 25 mm, 15 ml, 125 ml

5380
BOROPURE Glass Filtration assembly
With Bottle, 47 mm

Glass funnel
Capacity : 300 ml / 1000 ml

Filter Support Base
With sintered glass
filter : 47 mm / 90 mm

Vacuum connection located above the filterate drip to prevent contamination of the vacuum line from droplets

Aluminium Clamp
47 mm / 90 mm

This clamp is anodised for longer life.

Glass bottle with
PP Screw cap
1000 ml / 2000 ml / 5000 ml



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Product Details

Ideal for filtration of HPLC solvents & aqueous mobile phase solutions & buffers.

Available in the following capacities:
Funnel - 300 ml, 1000 ml
Filter - 47 mm / 300 ml / 1000 ml / 2000 ml

5385

BOROPURE Glass Filtration Assembly

With GL 45 Universal Adapter, 47 mm

Glass funnel
Capacity : 300 ml / 1000 ml



Filter Support Base
With sintered glass filter : 47 mm

This design has an integral vacuum connection located above filtrate drip to prevent the contamination of the vacuum line from droplets

GL 45 universal adapter is made of polypropylene & has a vacuum connection & GL 45 thread

Aluminium Clamp
47 mm

This clamp is anodised for longer life.

The final filtrate will be collected directly in a screw cap bottle & there is no need to transfer the filtrate again into a new container for storage.

Glass bottle with PP Screw cap
1000 ml / 2000 ml / 5000 ml

Ideal for filtration of HPLC solvents & aqueous mobile phase solutions & buffers.

Available in the following capacities:
Funnel - 300 ml
Filter - 47 mm / 300 ml / 1000 ml / 2000 ml

Tired of repeatedly pouring solvents during the filtration process?

Try Borosil Glass Adapter for continuous filtration



Looking for Continuous Filtration of solvents?

Without the hassle of refilling the funnel..

Try our new Glass Filtration Adapter

Scan to watch video



Product Code : MISC530
Universal Filtration Adapter, Glass

BOROPURE SS Funnel





5330

With Inbuilt Clamp

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Product Details





5331

With External Clamp

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Product Details





5332

Spin lock type

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Product Details

5333
BOROPURE Vacuum Filtration Manifold

- Made of SS 316
- Valves made of PTFE
- Connection : 12mm
- Suitable for PP & Stainless steel funnels with rubber stopper fittings
- Availabe in 3 and 6 place



Scan for
Product Details



Scan to
watch video

5334
BOROPURE Vacuum Filtration Pump

- Piston powered oil-free pump designed with innovative electronic & mechanical technology.
- Compact & light weight for comfortable handling
- Lubricant & regular oil changes not required
- Equipped with filter cartridge in the air intel, to filter particles & moisture

- Provided with vacuum regulator to adjust vacuum
- Motor with built in thermal protection device which shuts off the pump automatically when overheated, resumes working when temperature cools down.



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Product Details

5335
Sterility Testing Manifold

Compact, sturdy & easy to use Filtration Assembly with inbuilt pump for your Sterility Testing Applications that can be used with Stainless Steel, Reusable PP or the Disposable funnels with appropritate adapters.

Each stage is connected with its individual inbuilt pump to increase the overall effeciency of the filtration process.



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Product Details

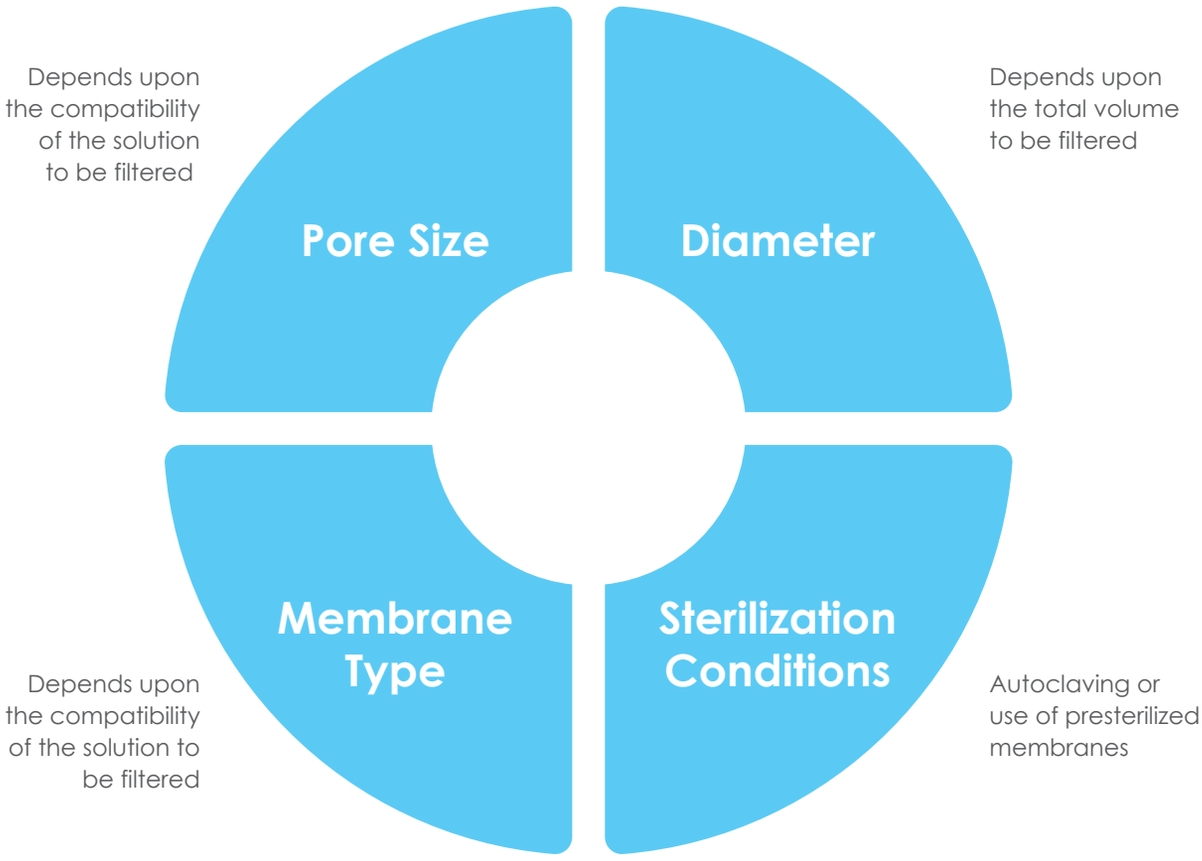
Filter Membranes

Filter membranes is a new offering from Borosil which includes membrane for applications such as HPLC mobile phase filtration, analysis of particulate or biological contaminants, small volume filtration & sterile filtration of media & buffer.

Membrane filtration is technique to separate particles in any liquid. It works by retaining the particles larger than pore size of the membrane while allowing smaller molecules to pass through it.

How to choose **the right filter membrane?**

Selection of the membrane depends on the following factors



Filter Membranes



Nylon-66 Filter Membranes

Recommended for applications involving clarification of aqueous & organic HPLC mobile phase solvent, HPLC sample preparation

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Product Details



Gridded Cellulose Nitrate Filter Membranes

Recommended for applications like sterility testing, water testing, microbiological analysis

Scan for
Product Details



Plain Cellulose Nitrate Filter Membranes

Recommended for the applications like clarification & the sterilization of media, reagents, buffers, sterility testing, water testing, Microbiological analysis.

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Product Details



Qualitative Filter Papers

Recommended for routine qualitative analysis in laboratories.

Scan for
Product Details

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