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# LabSciences Products

To find out more about the LabSciences products on the next few pages, as well as many others, please refer to our new Whatman LabSciences Product Guide - # 12006L.

## Filter Papers and Membranes

### Qualitative Filter Papers

These cellulose filters are used in qualitative analytical techniques to determine and identify materials. Prepleated qualitative filters are also available, which give improved flow rate and increase loading capacity compared to equivalent flat filters.

### Glass Microfiber Filters

Whatman offers two types of glass microfiber filters manufactured from 100% borosilicate glass: binder-free glass microfiber that is chemically inert and binder glass microfiber.

### Track-Etched Membranes

Whatman offers a complete range of track-etched membranes manufactured using proprietary Whatman technology to produce a precision membrane filter with a closely controlled pore size distribution. These membranes include Cyclopore® polycarbonate and polyester, Nuclepore® polycarbonate, chemotaxis membranes, black polycarbonate and polycarbonate membranes for cell culture.

### Cellulose Nitrate Membranes

Recommended for the majority of routine applications, this membrane type is manufactured under strictly controlled cleanroom conditions. Usually, it can directly replace the general purpose membrane filters of other manufacturers without requiring any significant change of technique.



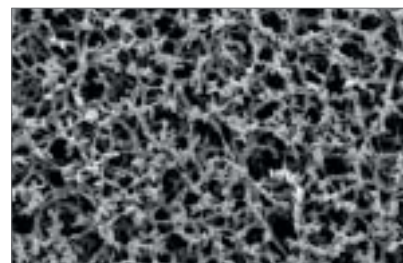
Qualitative Filter Papers



Glass Microfiber Filters



Track-Etched Membranes



Cellulose Nitrate Membranes

## Filtration Devices

### Polycap™ AS

Polycap AS is a unique product recommended for filtering aqueous solutions. It combines a glass microfiber (GMF) prefilter and a nylon membrane, prolonging the life of the filter and allowing larger volumes and difficult samples to be filtered easily.

### GD/X®

Whatman GD/X disposable syringe filters are the ideal choice for the preparation of hard-to-filter samples. Compared to an unprotected membrane, GD/X syringe filters can process three to seven times more sample volume.

### Mini-UniPrep™

Simple, Innovative, Convenient. The Whatman Mini-UniPrep syringeless filters, now with a new durable plastic cap, provide a faster, easier way to remove particulates from samples being prepared for High Performance Liquid Chromatography (HPLC) analysis. In fact, Mini-UniPrep lets you prepare samples in one third the time required by other methods.



Polycap AS



GD/X



Mini-UniPrep

## Microbiology

### Membrane Butler

The Membrane Butler offers optimal handling for all MicroPlus and ME membrane filters with the type name 'STL'. The dispenser box is placed in the Membrane Butler, the sterile packing is inserted into the roller system and the system is ready.

### Monitors

Microbiological monitors are ideal for monitoring contaminants in liquid samples from raw materials to finished products.

### NutriDisk®

NutriDisk is an alternative to traditional agar plates. Colony counting identifications and selective microbial determinations can be carried out particularly easily with NutriDisk.

## Extraction Products

### 1PS Separator Paper

The Whatman 1PS Phase Separator is a high grade filter paper impregnated with a stabilized silicone that renders it hydrophobic, retaining the aqueous phase and passing the solvent phase through.



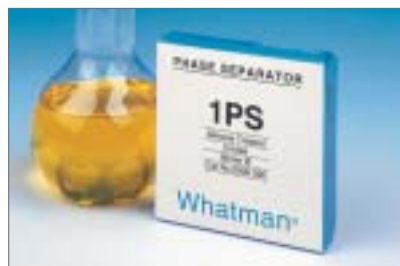
Membrane Butler



Monitors



NutriDisk



1PS Separator Paper

## Specialty Products

### Benchkote®

Benchkote is an absorbent, impermeable material designed to protect laboratory surfaces against hazardous spills. The material features a high quality, smooth, absorbent Whatman paper which quickly absorbs liquid spills and a laminated polyethylene layer that prevents flow through to the working surface.

### Weighing Papers – Kjeldahl

Transfer your samples completely loss-free by simply dropping the entire weighing boat containing the sample into the acid solution in the Kjeldahl flask/digestion tube. The fastest, safest and most comfortable way to transfer Kjeldahl samples.

## Chromatography

### Advanced Ion Exchange Cellulose

Whatman Advanced Ion Exchange Cellulose (AIEC) products are ideal for the separation of biopolymers and are suitable for a wide variety of applications.

### Purasil™

Whatman Purasil high purity silica gel provides an excellent separation medium for flash chromatography purification of target molecules. Narrow particle size distribution and minimal fines enable fast separations with no loss of chromatographic performance.

### UniSep

The UniSep HPLC column is the newest C-8 reverse phase HPLC column from Whatman. Using state-of-the-art technology, UniSep was developed for conditions that call for a highly aqueous mobile phase.



Benchkote



Weighing Papers – Kjeldahl



Advanced Ion Exchange Cellulose



Purasil

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