

## Membrane Filters

- For Laboratory use



Universal Filtration offers a wide range of membrane filters for your application needs, our membrane are accurately controlled pore size distribution and higher strength and flexibility which ensure reproducibility and consistency.

The Universal Filtration membrane filter range includes pore sizes from 0.05 to 5  $\mu\text{m}$  in Polypropylene, PES, PVDF, PTFE, Cellulose Nitrate material.

### **PP Membrane -**

Easy handling - Universal Filtration polypropylene membrane filters are flexible, durable and exceptionally uniform in strength

Purity - There is no need for pre-wetting.

### **PES Membrane -**

Our polyethersulfone (PES) membranes are hydrophilic, low protein binding and stable in alkaline pH. Available in a 0.8  $\mu\text{m}$  pore size, the PES membrane is recommended for aqueous applications and for biological samples.

## **Nylon Membrane –**

High-quality nylon membranes are suitable for filtering aqueous solutions and most organic solvents. Nylon membranes are hydrophilic, eliminating the need for wetting agents that could be extracted when filtering aqueous solutions. The membranes are flexible, durable and tear resistant, and can be autoclaved at 135°C.

## **PTFE Membrane -**

Our PTFE membranes are chemically stable and inert. They are suitable for applications involving aggressive organic solvents, strong acids, and alkalis. The hydrophobic nature of the membrane also has applications for air and gas sterilization.

Chemically stable and inert PTFE is the membrane of choice for use with aggressive solvents, liquids, and gases that can attack other membranes. It is resistant to most acids, alkalis, and solvents.

## **Specification –**

Membrane Material Choices – PP, PES, PVDF, PTFE, N6, N66, CN-CA

Absolute Filtration (micron) – 0.05, 0.1, 0.2, 0.45, 0.65, 1, 3, 5, 10, 25, 50 microns

Packing – 25, 50 & 100 pcs/box

Dimension – (dia) 13,25,47,50,60,90,100,150,200,300 mm