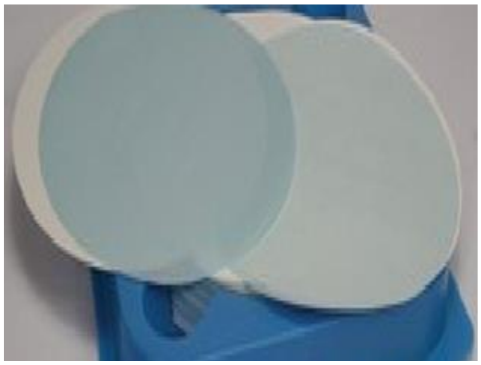
4.3 Polyvinylidene Fluoride (PVDF)



These filters are manufactured with Polyvinylidene Fluoride polymer (PVDF). They are hydrophilic in nature and have a high temperature resistance. Designed to have high-pressure resistance, flexibility, and chemical compatibility. This membrane is highly valued for its ability to meet the highest requirements requested in the different applications of chemical filtration. Without the need for wetting agents this product is a good value alternative to PTFE membranes in applications to prevent moisture locking gas leaks or ventilation. Not recommended for use with acetone, DMF, DMSO or Bases> 6N.

Features

* Hydrophobic or Hydrophilic version, Great chemical compatibility, Negligible protein binding
* Low extractable, Autoclavable

Application

* Bacteria retention, Sample preparation for HPLC Filtration of organic solvents
* Ventilation Clarification of biological solutions

Specifications

Description	Master Catalog Number	KS-13002 KS-13004
Construction Material	Filter Media Thickness	PVDF 120um
Technical Data	Micron Rating	0.2um, 0.45um
	Bubble point Burst Pressure Flow rate	2.9 bars 0.8 bars 24ml/min/cm^2/bar (Water)
	Size	90mm, 142mm, 293mm
	Sterilization	By autoclaving at 121 °C or 134 °C Gamma radiation 25 kGy