

## 4. Membrane Filter Circles

### 4.1 Cellulose Acetate

Cellulose Acetate are hydrophilic and are made on a polyester support inert giving them a high resistance to breakage during use. Offers a high dirty loading capacity filtration and contaminant retention. Such membranes have naturally exceptionally low adsorption. They are ideal for filtering products where maximum recovery of proteins is critical. The results are clear and consistent.



Its extraordinary strength and high retention capacity filtration cycles lengthen and provides an economic advantage over other types of membranes. The quality control process ensures product uniformity and filtration properties and porosity offered.

### Features

- \* Smooth Surface, hydrophilic Uniform porosity, high flow rate Low protein binding
- \* Low extractable Operating maximum temperature 80° C

### Application

- \* Filtration of aqueous solutions Filtration of proteins, enzymes, Microbiological analysis
- \* Sterilization of cell culture media Sample preparation

### Specification

Description	Master Catalog Number	KS-14002 KS-14004 KS-14008
Construction Material	Filter Media Thickness	Cellulose Acetate 120um
Technical Data	Micron Rating	0.2um, 0.45um, 0.8um
	Bubble Point	2.9 bars
	Burst Pressure	0.8 bars
	Flow Rate	24ml/min/cm <sup>2</sup> /bar (Water)
	Size	179mm, 293mm
	Sterilization	By autoclaving at 121°C or 134°C Gamma radiation 25 kGy