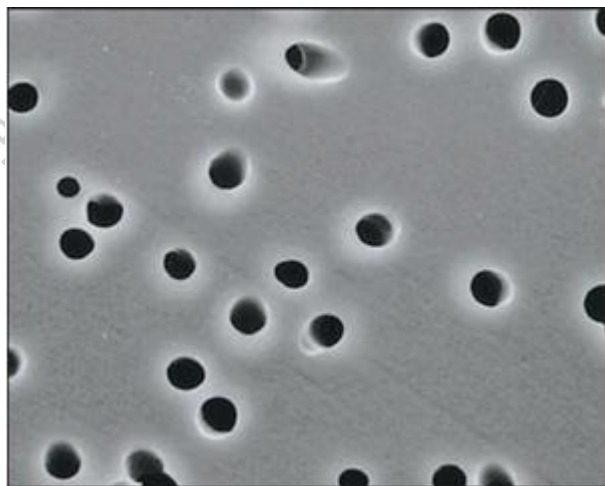




Microlab Polycarbonate Membrane Filter



Product Description

Microlab polycarbonate (PC) membranes are manufactured from high-quality polycarbonate film. PC membranes have a smooth flat surface and exhibit very low levels of extractables. They have sharply defined pore sizes, high flow rates, and excellent chemical and thermal resistance. They are suitable for the detection of particles in many corrosive fluids because of this broad chemical compatibility.

Features

- Smooth glass-like surface with cylindrical pores for maximum particulate capture
- Suitable for air monitoring
- Lowest, non-specific binding membrane
- Precise pore sizes and pore distribution for absolute filtration and separation
- Non-staining, providing an exceptional background for sample observations
- Very low extractables
- Biologically inert
- Optically transparent in most pore sizes
- Excellent chemical resistance and thermal stability
- Capture of samples on a flat, smooth, glass-like surface, with even distribution in one plane
- Exceptionally low tare weights, non-hygroscopic, and low trace element level
- Superior strength





Application

- Epifluorescence microscopy
- Environmental analysis
- Cell biology
- Fuel testing
- Bioassays
- Parasitology
- Air analysis
- Water microbiology

Technical Parameter

Nominal Pre Size(μm)	Pore density (Pores/ cm^2)	Thickness (μm)	Flow Rate	
			Water (ml/min/ cm^2)	Air (ml/min/ cm^2)
12	1×10^5	13	1250	37
10	1×10^5	15	1150	434.5
8	1×10^5	17	1000	30
5	4×10^6	20	700	30
3	4×10^5	22	440	37.5
1	2.2×10^7	24	130	20
0.8	4×10^7	24	90	7.8
0.6	4×10^7	24	60	7.5
0.4	1.5×10^8	25	33	7.5
0.2	5×10^8	25	10	3

