

# Membrane Filter



## Hydrophilic PTFE

### Introduction

Hydrophilic and ideal for aqueous samples filtration that need higher flow rates and larger volume, including clarification or sterilization of aqueous solutions, particulate analysis and removal, air monitoring, microbial analysis cytology, HPLC samples prep/clean up, virus concentration, biological assays, food microbiology (enumeration of E. coli in foods), bacteriological studies.

Lab Filtration

### Product Specifications

Material		PTFE (Teflon) Membrane Filter with PP Support layer			
Wettability	Hydrophilic	PH	1-14	Thickness	160±10
Diameter		13mm, 25mm, 47mm, 90mm, 142mm			
Pore Size(μm)	0.1	0.22	0.45	1.0	
Minimum Bubble Point (Mpa)	0.16	0.12	0.07	0.035	
Typical Flow Rate, (mL/min/cm <sup>2</sup> )	≥1.7	≥5.0	≥6.7	≥13.3	

Note: Typical flow rate test under the pressure 10psi (0.7kg/cm<sup>2</sup>).

### Order information

Pore Size (μm)	Diameter (mm)				
	13	25	47	90	142
	400pcs/pk	200pcs/pk	100pcs/pk	100pcs/pk	50pcs/pk
0.1	M13PTL010	M25PTL010	M47PTL010	M90PTL010	M142PTL010
0.22	M13PTL022	M25PTL022	M47PTL022	M90PTL022	M142PTL022
0.45	M13PTL045	M25PTL045	M47PTL045	M90PTL045	M142PTL045
1.0	M13PTL100	M25PTL100	M47PTL100	M90PTL100	M142PTL100