

Membrane Filter



MCE

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		MCE (Mixed Cellulose)Membrane Filter							
Wettability	Hydrophilic		PH		6~13		Thickness		120±10
Diameter		13mm, 25mm, 47mm, 90mm, 142mm, 293mm							
Pore Size(μm)	0.1	0.22	0.45	0.8	1.0	1.2	3.0	5.0	8.0
Minimum Bubble Point (Mpa)	0.47	0.392	0.294	0.113	0.098	0.083	0.074	0.044	0.034
Typical Flow Rate, (mL/min/cm²)	≥7	≥10	≥34	≥124	≥153	≥182	≥260	≥330	≥48

Note: Typical flow rate test under the pressure 10psi (0.7kg/cm²).

Order information

Pore Size (μm)	Diameter (mm)					
	13	25	47	90	142	293
	400pcs/pk	200pcs/pk	100pcs/pk	100pcs/pk	50pcs/pk	25pcs/pk
0.1	M13MCE010	M25MCE010	M47MCE010	M90MCE010	M142MCE010	M293MCE010
0.22	M13MCE022	M25MCE022	M47MCE022	M90MCE022	M142MCE022	M293MCE022
0.45	M13MCE045	M25MCE045	M47MCE045	M90MCE045	M142MCE045	M293MCE045
0.8	M13MCE080	M25MCE080	M47MCE080	M90MCE080	M142MCE080	M293MCE080
1.0	M13MCE100	M25MCE100	M47MCE100	M90MCE100	M142MCE100	M293MCE100
1.2	M13MCE120	M25MCE120	M47MCE120	M90MCE120	M142MCE120	M293MCE120
3.0	M13MCE300	M25MCE300	M47MCE300	M90MCE300	M142MCE300	M293MCE300
5.0	M13MCE500	M25MCE500	M47MCE500	M90MCE500	M142MCE500	M293MCE500
8.0	M13MCE800	M25MCE800	M47MCE800	M90MCE800	M142MCE800	M293MCE800