

UML series

Describe:

The flow rate and high pollution load characteristics of the UML series folded filter elements make them the most economical pre-filter elements with long service life. Excellent filtering ability of impurities is especially suitable for liquid filtration of suspended particles, viscosity and colloid. Wide chemical compatibility, can filter various acids, bases and solvents.

Features:

Multilayer gradient is aperture distribution, Carrying large amount, Long service life

Excellent impurity removal ability, especially suitable for viscous, colloid containing liquid filtration

Extensive chemical compatibility, all kinds of acid, alkali and solvent can be filtered

Large filtration area, low pressure drop , high flux

Application area:

Security filtration of reverse osmosis water treatment process

Prefiltration of fermentation air

Clarifying and filtering of food and beverage such as beer, wine and liquor

Prefiltration and precision filtration of mineral water

Prefiltration of infusion, biological products and fermentation liquor

Optical mirror resin monomer filter

Technical parameters:

Outer diameter	2.7 "
Filter area	0.4-0.7m ² /10 "
Sealing ring material	Fluorine rubber, Silicone rubber, Ethylene propylene rubber
The filter material	polypropylene
Guide layer material	polypropylene

Filtration precision (μm)	0.1,0.22,0.45,1,2,5,10,20
Entrapment efficiency	99.9%
Filter length	10 " , 20 " , 30 " , 40 "
Interface adaptation code	226 接口 (三脚架/翅片/平封) , 222 接口 (三脚架/翅片/平封) , 226 接口 (不锈钢衬/三脚架) , 222 接口 (不锈钢衬/三脚架) , 两端通 DOE
Internal skeleton material (center rod)	Reinforced polypropylene
End cover material	Reinforced polypropylene
External skeleton material (shell)	Reinforced polypropylene
Maximum operating temperature	80°C
Maximum working pressure (21°C)	4.0bar
Maximum working pressure (80°C)	2.6bar
Disinfection temperature time	121°C , 30 minutes each time
Mobile hot water sterilization	85°C , 30 minutes each time

Order information:

Series no.	Core diameter	Filter material	Filtration precision	Filter length	Sealing ring material	Interface form
UML	2.7 "	PP=polypropylene	0010=0.1μm 0022=0.22μm 0045=0.45μm 0100=1μm 0200=2μm 0500=5μm 1000=10μm 2000=20μm	10=10 " 20=20 " 30=30 " 40=40 "	V=fluorine rubber S=silicone rubber E=ethylene propylene rubber	C1=226 接口 (三脚架) C2=226 接口 (翅片) C3=226 接口 (平封) C4=226 不锈钢衬 (三脚架) C5=222 接口 (三脚架) C6=222 接口 (翅片) C7=222 接口 (平封) C8=222 不锈钢衬 (三脚架) C9=两端通 (DOE)