

UMM series

Description:

The UMM series folding filter element combines the characteristics of deep filtering technology and filter material folding, with multi-layer tapered aperture filter material structure and graded cutoff to ensure that the filter core has high pollution capacity and filter area, low pressure drop and high flux. Excellent filtering ability of impurities, especially for high suspension particles, colloid substances and high viscosity liquid filtration. 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:

Optical resistance filtration, high purity water filtration
Ink, electroplating solution, metal etching solution filter
Filtration of fermentation broth, liquid medium, additives, intermediates, and final liquid products
High precision and sterilization prefiltration of serum, tissue culture medium, culture medium, preparation of vaccine, barter water, various raw materials, antibiotics and other liquid
Beer clarification filtration, alcohol, mineral water, water filtration
Back water filtration in petroleum industrial fields
Filtration of organic solution, acid and alkali liquor in various chemical industries
Prefiltration of reverse osmosis system

Technical parameters:

Outer diameter	2.7 "
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Filter area	0.6m 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)	2.4bar
Disinfection temperature time	121°C , 30 minutes each time
Mobile hot water	85°C , 30 minutes each time

sterilization	
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Order information:

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