

UCP series

Describe:

The UCP fusion jet filter core is made of polypropylene superfine fiber thermally fused tangles, which is heated to melt and spray wire and traction, and accepted the deep filter core with a certain aperture gradient. The three-dimensional microporous structure is formed by the random self-bonding of fibers in space, with the combination of the surface layer, deep layer and coarse filter, the structure of the filter core is the outer fiber, and the inner fiber is thin and thin, gradually and gradually tight structure, forming the layered filtering effect, which is produced as a whole at one time. Can be used in reverse osmosis system security filtration, drinking water filtration and so on.

Features:

Strong acid and alkali resistance, high flux

High porosity, high retention

Multi - level gradient filtering, large pollution space, long life

Good chemical compatibility

Without any adhesive, little is dissolved

PP skeleton is built in, which has stronger pressure resistance and is not easy to be deformed

The product is 100% PP pure, with high purity and reinforced surface fiber structure

Special surface structure disperses flow direction and lowers flow resistance

Application field:

Power generation industrial water treatment prestage filtration

Power plant reverse osmosis system security filtering

Clarification and filtration of wastewater treatment

Filtration of drinking water system

Reverse osmosis water system front stage filtration in electronics industry

Suitable for low relative filtration temperature and pressure

Organic solvent, ink, electroplating liquid, technical cutting liquid, photosensitive resist filter

Pre-filtration treatment of sterile water and ultra-pure water

Technical parameters:

Outer diameter	Φ60-φ130mm
inner diameter	Φ28、φ30mm
Sealing ring material	no
The filter material	polypropylene
Support materials	Fluorine rubber, silicon rubber, nitrile rubber, ethylene - propylene rubber
Filtration precision (μm)	0.5-100
Entrapment efficiency	99%
Filter length	5-60 英寸 (或定制)
Interface adaptation code	226 接口 (翅片), 222 接口 (翅片), 220 接口
Internal skeleton material (center rod)	Polypropylene or no
End cover material	no
External skeleton material (shell)	no
Maximum operating temperature	85°C
Maximum operating pressure differential	2bar
Recommended pressure differential for filter element replacement (20°C)	2.1bar

Maximum filtration (m3/h)	The flow rate of every 10 "cores is 0.63-2.1 due to different aperture
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Order information:

Series no.	Core diameter	Filter material	Filtration precision	Filter length	Sealing ring material	Interface	Inner frame
UCP	60-130 mm	PP1=smooth surface	0050=0.5μm	05=5 "	V=fluorine rubber	C2=226 接口	N=no Y=have
		PP2=acupuncture	0100=1μm	10=10 "	S=silicone rubber	(翅片)	
		PP3=cutting slot	0500=5μm	20=20 "	E=ethylene propylene rubber	C6=222 接口	
		PP4=cutting slot	1000=10μm	30=30 "	N=nitrile rubber	(翅片)	
			1500=15μm	40=40 "	E=ethylene propylene rubber	C0=220 接口	
			2000=20μm	40=40 "	E=ethylene propylene rubber	C0=220 接口	
			4000=40μm	60=60 "	E=ethylene propylene rubber	N=无	
			7000=70μm				
			10000=100μm				