UHL series

Description:

The UHL series is used in a 6-inch diameter structure with a very high filtration area. The fluid is moved by the inward outflow, and the filter diameter is gradually smaller by the thickness of the gradient, the filter aperture is gradually smaller, and the different particle size particles are intercepted, which has the high level of the pollutant and the flow resistance, and ensures that all the impurities are interspersed in the filter core. The filter core is the same size as the pall brand flow filter. With good high temperature resistance and extensive chemical compatibility, the filter and filtration system can have high traffic, decrease size and investment province. The internal and external skeleton is used to enhance the polypropylene skeleton, improve the strength of the filter, prevent the deformation of the filter and facilitate the replacement of the filter. The internal filter is used in the use of the polypropylene material, the end and the filter layer are used in the fusion welding, the whole filter is not used in the process of the use of the filter, and the chemical compatibility can be applied in various fields.

Feature：

High contamination, Long service life

Integral skeleton, Low weld gap, High degree

The filter system size can be reduced by 50%

The flow direction from inside to outside ensures that all impurities are trapped inside the filter

The deep filter of the polypropylene fiber of the gradient aperture is gradually smaller along the direction of the fluid movement, and the particle of different particles of different particle sizes is layered, so it has excellent discharge pollutant ability and low flow resistance

Sealing interface design reduces the risk of side flow and improves the filtering efficiency

The filtration membrane is not affected by fluid pressure fluctuation

Wide chemical compatibility, low pressure difference, large flow flux

The range of filtration accuracy is wide, the degree of selection is large, and it can satisfy various applications

Application field:

General purpose: prefiltration of reverse osmosis system, purification treatment of water for various processes

General industry: various process fluids, process water, condensate, cooling water, wastewater treatment

Microelectronics industry: pre-filtration of deionized water

Food and beverage industry: process water, etc

Chemical/petrochemical industry: various acids, bases, solvents, cold water, salt water and other chemicals

Power plant: remove iron filter element, supply water, condensation water, cooling water, etc

Technical parameters:

Outer diameter	6〃（152.4mm）
Filter area	7m2/40〃
Sealing ring material	Fluorine rubber，Silicone rubber，Nitrile rubber，Ethylene propylene rubber，Ethylene propylene rubber u-seal
The filter material	Pure polypropylene
Support materials	Thermosetting polypropylene non-woven material
Filtration precision（μm）	0.1,1,5,10,15，20,40，70,100
Entrapment efficiency	99.9%
Filter length	20〃,40〃,60〃
Interface adaptation code	standard
Internal skeleton material (center rod)	Enhanced polypropylene

End cover material	Enhanced polypropylene
External skeleton material (shell)	Enhanced polypropylene
Maximum operating temperature	82℃
Maximum operating pressure differential	3.44bar
Recommended pressure differential for filter element replacement（20℃）	2.5bar
Maximum filtration（m3/h）	40 "filter element is 80

Order information：

Series no.	Core diameter	Filter material	Filtration precision	Filter length	Sealing ring material	other
UHL	6〃	PP	0010=0.1μm 0100=1μm 0500=5μm 1000=10μm 1500=15μm 2000=20μm 4000=40μm 7000=70μm 10000=100μm	20=20〃 40=40〃 60=60〃	V=fluorine rubber S=silicone rubber N=nitrile rubber E=ethylene propylene rubber EU=ethylene propylene rubber u-seal	L=longer S=standard