

Polypropylene Filter Cartridge (IPP)

The IPP cartridge is manufactured by superfine fiber polypropylene membrane in the thermal welding process. The scientific pore structure makes absolutely fine filter. The depth filter is of high dirt-retention capacity, which ensures the filtering effect and efficiency

IPP pleated cartridge is fitted with 1 layered filter medium made of submicron polypropylene and 2 layered support filament felt which absolute no fiber peeling off. With more than 0.5M²/10inch filter area and the mic-weld of all polypropylene components, that make this kind cartridge adhering to the USP Class VI and FDA CFR Title 21 criteria. Allowing absolute filter ratings of 99.9 % particle retention. Do not contain binding agents, adhesives or additives. A high dirt-hold capacity and a low differential pressure, especially for filtering out impurities such as solid particles and special liquid can't accept any fibers from the cartridge mix into the liquid.

Features and Benefits :

Low differential pressures, high dirt-retention capacity and a long service life.
Pleated depth filtration with maximum filtration area.

The scientific design for high flow rate.

Great chemical compatibility and acid-base resistance for liquid filtration A wide range of filter Micron which is suitable for various industries **Technical data**

Size :

OD : φ69mm ID :

φ33mm

Length : 5" , 10" , 20" , 30" , 40"

Composition :

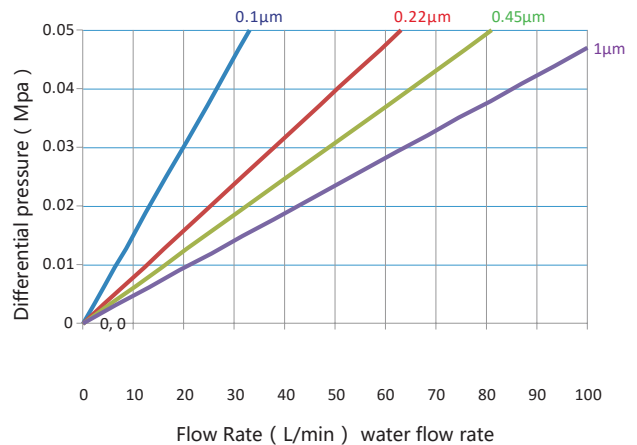
Filter media : Polypropylene membrane
support/Drain layer : Polypropylene Cage
support /Adaptor : Polypropylene core
support : Polypropylene/SUS

Inner core: Polypropylene/ Stainless steel
Sealing compound : Silicone, EPDM, NBR, Viton,
PTFE, Viton coated with PTFE

Feature :

PH : 1-13

Max Temperature : 80°C



Max Pressure difference : 0.42Mpa/25°C , 0.1Mpa/80°C

Application:

- Filters in water-treatment plants
- Pre-filters in ultrapure water for the electronic industry
- Drinking water for food and beverages
- Process filters for acids and lyes Filtration
- of inks for ink-jet applications
- Liquid or gas filtration for biological products, compressed air.etc

Order Information

Name	Micron	Adapter	Length	Sealing Materials	Core support
IPP	010=0.1µm	DOE=DOE	5=5in	S= Silicone	P=Polypropylene
	022=0.22µm	TF=222/PIN	10=10in	E=EPDM	G=SUS
	045=0.45µm	SF=226/PIN	20=20in	N=NBR	
	1=1µm	TC=222/Cap	30=30in	V=Viton	
		SC=226/Cap	40=40in	T=PTFE	
		GSF=226SUS/PIN		F=Viton coated with PTFE	
		GTF=222SUS/PIN			