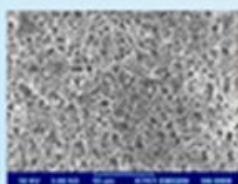
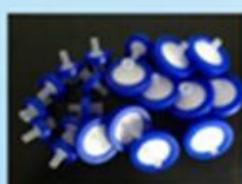




吉安市青原区庆丰过滤器材有限公司
Ji'an City Qingfeng Filter Equipment Material CO.,Ltd



庆丰过滤器材有限公司
Ji'an City Qingfeng Filter Equipment Material CO.,Ltd



公司简介 Company Introduction

吉安市青原区庆丰过滤器材有限公司座落于江西省吉安市青原区新工业园，它前身是江西庆江精密滤材有限公司，主要生产微孔滤膜及滤芯等过滤器材。它拥有原江西庆江精密滤材有限公司引进的日本全套生产过滤技术、设备（含质量监控设备），同时秉承江西庆江精密滤材有限公司总厂江西庆江化工厂属国内首创的增强型尼龙微孔滤膜（JN）、国家85火炬计划重点新产品的混纤（JM）增强膜的技术优势，并在资深研发人员的努力下开发了具有国内领先水平的聚偏氟乙烯增强型微孔滤膜（PVDF）。

愿我们竭诚服务为您提供一座质量保证的长城！

Ji'an City Qingyuan District Qingfeng Filter Equipment Material CO.,Ltd lies in New Industrial area Qingyuan District Jian City Jiangxi Province,it is Jiangxi Qingjiang Precision Filter Equipment Material Co.,Ltd formerly, it's specialized in micropore membrane and filter element.Qingfeng has the full set of japanese production filter skill,equipment and quality control which was owned by jiangxi Qingjiang Precision Filter Equipment Material Co.,Ltd,it also has the first nylon reinforced microfiltration membrane(JN)in China and the key new product of the reinforced CN-CA microfiltration membrane (JM) in national 85 torch plan,the development team has innovated the polyvinylidene fluoride reinforcement millipore filter membrane (JPVDF)in the top class through the Country.

We wish our best service would provide a great wall of quality.





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微孔滤膜 Filter membrane

滤膜种类

尼龙膜、混合纤维素滤膜、聚偏氟乙烯膜、聚四氟乙烯膜、聚醚砜、醋酸纤维素滤膜、硝酸纤维素滤膜、聚丙烯滤膜、MBR膜、玻璃纤维素滤膜等。

Filter membrane type: Nylon、MCE、PVDF、PTFE、PES、CA、CN、PP、MBR、GF and etc.

产品应用

- ◎医药、制药：超纯水制备，药液过滤等；
- ◎食品工业：酒类、饮料及矿泉水的除菌和澄清过滤；
- ◎电子工业：高纯去离子水的过滤，试剂过滤；
- ◎空气净化：除菌除微粒过滤；
- ◎化学工业：高纯化学制品过滤；
- ◎其它：生物工程、化妆品、油类精制、环保、糖业专用、水质分析、试验分析等。

Main Applications

Pharmaceuticals: Ultrapure water making and medical liquid filtration.

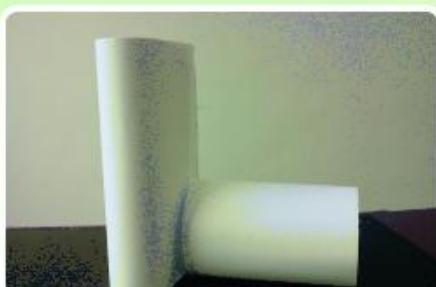
Beverage Industry: Bacteria killing and purification of soft drinks, wine and mineral water.

Electronic Industry : High purity deionized water filtration, reagent filtration.

Air Cleaning: Bacteria and particles killing.

Chemical Industry : Filtration of high purity chemical products.

Others : Biological projects, cosmetics, refined oil, Environmental protection, Sugar industry professionalization, water quality analysis, experimental analysis,etc.



Address: New Industrial Area, Qingyuan District, Jilin City, Jiangxi Province, China.
TEL:+86-796-8105786/8106818 FAX:+86-796-8105786
Email:406677590@qq.com & qfgl-Yanfeng-Liu@qingfengfilter.com
& qfgl-Zhangying-Liu@qingfengfilter.com
<http://www.qingfengfilter.com>

地址：江西省吉安市青原区新工业园 TEL: 0796-8105786、13707962371、13879653189



吉安市青原区庆丰过滤器材有限公司
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滤芯 Filter cartridge

滤膜材质: 尼龙、聚丙烯、聚醚砜、聚四氟乙烯、聚偏氟乙烯、熔喷滤芯、线绕滤芯、囊式滤芯等

Membrane material: Nylon、PP、PES、PTFE、PVDF、Melt-blown filter cartridge、String wound filter cartridge、Capsule filter、and etc.

产品应用

- ◎ 医药、制药：超纯水制备，药液过滤等；
- ◎ 电子工业：高纯去离子水的前滤，终端过滤及使用点过滤；
- ◎ 化学工业：高纯化学制品过滤等；
- ◎ 食品工业：酒类、饮料及矿泉水的除菌和澄清过滤等；
- ◎ 其它：石油工业油田注水过滤和锅炉用水的预处理。空气净化及除菌过滤。生物工程、化妆品、油类精制、污水、废水处理、研究所、实验室和家庭过滤等。

Main Applications

1. Pharmaceuticals, Ultrapure water making and medical liquid filtration.
2. Electronic industry: Final filtration and prefiltration of high purity deionized water and point of use filtration.
3. Chemical industry: Filtration of high purity chemical products.
4. Beverage industry: Bacteria killing and Purification of soft drinks, wine and mineral water
5. Petroleum industry: Purification of water in oil field.
6. Air cleaning and bacteria killing.
7. Others: Biological projects, cosmetics, Oil, Purification, water treatment, institutes, laboratories and family purpose filtration.



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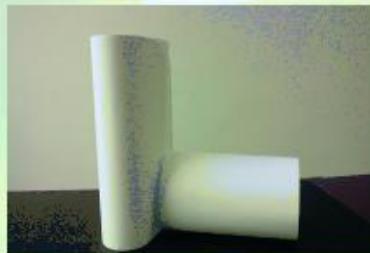


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微孔滤膜

产品简介

微孔滤膜是一种具有均一微孔结构的精密过滤材料，通常用来滤除细菌和微粒，具有材质薄、过滤精度高、滤速快、无介质脱落等特点，是优良的过滤净化材料。



技术说明

项目	单位	品种	M型	N型	Jm型	Jn型	PVDF
孔径	UM	0.10, 0.20, (0.22), 0.30, 0.45, 0.65, 0.80, 1.0, 2.0, 3.00, 5.00, 10.00					
流量	ml/cm ² .min				10-500		
最大压力差	Mpa		0.2(25°C)		0.3(25°C)		
最高工作压力	Mpa		0.3(25°C)		0.5(25°C)		
最高工作温度	°C	50	60	50	60	95	
允许PH值		4~8	6~13	3~7	6~13	1~13	
灭菌条件				121°C,30min			

主要用途

医药、制药：超纯水制备，药液过滤等。
食品工业：酒类、饮料及矿泉水的除菌和澄清过滤。
电子工业：高纯去离子水的过滤，试剂过滤。
空气净化：除菌除微粒过滤。
化学工业：高纯化学制品过滤。
其它：生物工程、化妆品、油类精制、环保、糖业专用、水质分析、实验分析等。

订购资料

J N 0 4 5 L 2 8 0

滤膜材料	孔径规格	外形代号	外形尺寸 (MM)
代号 名称	代号 孔径(um)	圆膜 (直径)	150 35
M—混合纤维素膜	010-0.10	100-1.00	200 50
N-尼龙膜	020-0.20	200-2.00	300
JM-加强型混合型	030-0.30	300-3.00	D: 方膜 (边长)
JN-加强型尼龙膜	045-0.45	500-5.00	150
PVDF-聚偏二氟乙烯膜	065-0.65	800-8.00	200
例：JN045L280为孔径0.45UM,幅宽为280MM的加强型尼龙膜长膜。	080-0.80	L: 长膜 (宽幅)	300
以上所列为常规尺寸和规格，用户如有特殊的要求，可以定制			250
			280

使用说明

1. 使用前必须根据需要准确选用滤膜的孔径，所选用的滤膜公称孔径必须小于被过滤介质的微粒或细菌的最小直径；
2. 根据被滤介质的理化性质选用合适的耐药品性的滤膜；
3. 过滤液体时，滤膜应为湿润状态。滤膜使用前一般采用常温蒸馏水或无菌水湿润；
4. 为防止使用过程中停泵回流反戈一击冲击损坏滤膜，可用30目的滤网或滤布两层将膜夹于中间，以延长使用寿命；
5. 使用密闭滤器时，在被滤介质进入滤器前应排除滤器中的空气，否则影响滤速；
6. 采用真空过滤时应防止外界空气污染被滤介质，加压不应超过最大工作压力；
7. 产品出厂前未消毒处理，使用前请作必要的灭菌处理。如采用巴斯德灭菌法，应避免蒸汽垂直冲击膜面，防止破损；
8. 若用于除菌则所用的相应器具或系统均应在使用前进行消毒；
9. 产品应存放在洁净容器内，置阴凉干燥处。

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MICROPORE MEMBRANE

Product Introduction

Micropore Membrane is a kind of sophisticated filter material which has a uniform micropore structure. Usually it is used to filter bacteria and particles. It has the feature of thin texture material, high filtration density, fast filter speed, no separation of medium. It is the excellent material to filter and purification.



Specification

Items	units	types	Mseries	Nseries	Jmseries	Jnseries	PVDF
Aperture	UM		0.10, 0.20, (0.22) , 0.30, 0.45, 0.65, 0.80, 1.00, 2.00, 3.00, 5.00, 10.00				
Flow Volume	ml/cm ² .min				10-500		
Max Differential Pressure	Mpa		0.2(25°C)			0.3(25°C)	
Max Operating Pressure	Mpa		0.3(25°C)			0.5(25°C)	
Max Operating Temperature	°C		50	60	50	60	95
Tolerant PH			4~9	1~14	3~7	2~14	0~14
Sterilization					121°C,30min		

Main Applications

Pharmaceuticals: Ultrapure water making and medical liquid filtration.
Beverage Industry: Bacteria killing and purification of soft drinks, wine and mineral water.
Electronic Industry : High purity deionized water filtration, reagent filtration.
Air Cleaning: Bacteria and particles killing.
Chemical Industry : Filtration of high purity chemical products.
Others : Biological projects, cosmetics, refined oil, Environmental protection, Sugar industry professionalization, water quality analysis, experimental analysis,etc.

Order materials

J N 0 4 5 L 2 8 0

Membrane materials

aperture specifications

type

exterior size (mm)

Code name	code aperture (um)	code aperture (um)	Disc membrane(diameter)	150	35
M-Mixed Cellulose Ester	010-0.10	100-1.00	D:square membrane(length)	200	50
N-Nylon membrane	020-0.20	200-2.00	L:Rolling membrane(width)	300	
JM-Mixed film reinforced	030-0.30	300-3.00			
JN-Reinforced Nylon membrane	045-0.45	500-5.00		150	
PVDF-Polyvinylidene fluoride membrane	065-0.65	800-8.00		200	
	080-0.80				

Eg: JN045L280 is a reinforced Nylon long membrane which has 0.45um pore size, 280mm width. All mentioned above is the regular sizes and specifications, if the customers has the special request, we can provide customization.

Instructions for use

- It is necessary to select the membrane accurately according to the requirement. The selected membrane nominal pore size should less than the minimum diameter of particles and bacteria which are in the filtered medium.
- Select the appropriate drug resistance membrane according to the physical and chemical properties of filtered medium.
- When filtering the liquid, the membrane should be stay moist. The membrane usually adopt nomal temperature distilled water or sterile water to moisten.
- In order to prevent the pump off backflow counterstrike impact damage the membrane, you can use the two pieces of 30orders mesh or filter cloth to clip the membrane in , so as to extend the operating life.
- When using the hermetic filter, you should eliminate the air in the filter before the filtered medium access it, otherwise it will affect the speed of filter.
- When adopting the vacuum filter, you should avoid the air outside to pollute the filtered medium. It should not exceed the max operating pressure.
- No sterilization treatment of the product before fatory delivery, please do the necessary sterilization beore using.
- If you use it to degerm , the corresponding apparatus of systems should be sterilized.
- The product should be stored in a clean container and be put in a cool and dry place.



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微孔滤芯

Element Membrane filter

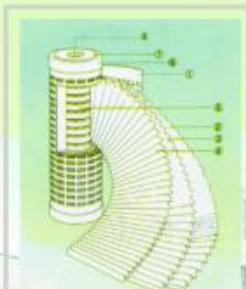
FEATURES AND BENEFITS

- 1、High filtration density.
- 2、Large effective filtration area and high flow volume,which can shorten filtering time and reduce filtering cost.
- 3、Shock resistant, counter pressure,repeated bacteria killing and long service life.
- 4、Self-sealed and reliable with no leakage,passed in tegrity test of 100%diffusion and bubble points,thusensuring product performance and integrity.
- 5、Nontoxic materials used for structure which have passed biological safety test.
- 6、Easy and quick installation and replacement.

Note:Toxically tested by Toxicology Research Office,
Shanghai Medical Jndustry Institute of State Medical
Administration bureau.

MAIN APPLICATIONS

- 1、Pharmaceuticals Ultrapure water making and medical liquid filtration.
- 2、Electronic industry:Final filtration and prefiltration of high purity deionized water and point of use filtration.
- 3、Chemical industry:Filtration of high purity chemical products.
- 4、Beverage industry:Bacteria killing and purification of soft drinks, wine and mineral water.
- 5、Petroleum industry:Purification of water in oil field.
- 6、Air cleaning and bacteria killing.
- 7、Others: Biological projects, cosmetics, oil. purification, water treatment, institutes, laboratories and familypurpose filtration.



结构说明

构造与材料

- 1、聚丙烯
- 2、聚酯或聚丙烯非织布
- 3、微孔滤膜
- 4、聚酯或聚丙烯非织布
- 5、聚丙烯
- 6、聚丙烯
- 7、硅橡胶
- 8、硅橡胶圈



特性及优点

- 1、过滤精度高。
- 2、有效过滤面积大、流量大，可缩短过滤时间，降低过滤成本。
- 3、耐冲击、反压，重复灭菌，使用寿命长。
- 4、自身密封牢固可靠，不泄露，100%通过扩散和气泡点完整性测试，确保产品性能及完整性。
- 5、所有结构材料无毒，生物安全检测试验合格。
- 6、安装使用与更换更方便、快捷。

注：毒性试验单位：国家医药管理局上海医药工业研究院毒理研究室。

主要用途

- 1、医药、制药：超纯水制备、药液过滤等。
- 2、电子工业：高纯去离子水的前滤、终端过滤及使用点过滤。
- 3、化学工业：高纯化学制品过滤等。
- 4、食品工业：酒类、饮料及矿泉水的除菌和澄清过滤等。
- 5、石油工业油田注水过滤和锅炉用水的预处理。
- 6、空气净化及除菌过滤。
- 7、其它：生物工程、化妆品、油类精制，污水、废水处理，研究所、实验室和家庭过滤器。

structure

structure and materials

- 1、polypropylene
- 2、polyesten or polypropylene nonwoven cloth
- 3、microfiltration membrane
- 4、polyesten or polypropylene nonwoven cloth
- 5、polypropylene
- 6、polypropylene
- 7、silicone
- 8、silicone ring

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型号及种类 MODELS AND TYPES

系列 Series		孔径公称精度 Nominal Rating			
代号 Code	系列 Series	系列 Code	公称精度 Nominal Rating	系列 Code	公称精度 Nominal Rating
JM	混纤加强膜 mixed fibre reinforced membrane	020	0.20(0.22)	080	0.80
		030	0.30	120	1.20
JN	尼龙6加强膜 nylon 6 reinforced membrane	045	0.45	200	2.00
		065	0.65	300	3.00
F		长度 Length		端盖形式 type of caps	
代号 Code	名称 Item	代号 Code	长度 Length	代号 Code	形式 Types
F	折叠滤芯 Pleated filter	10	10"(250mm)	220	见图
		20	20"(500mm)	226	
		30	30"(750mm)	222	
		40	40"(1000mm)		Viton

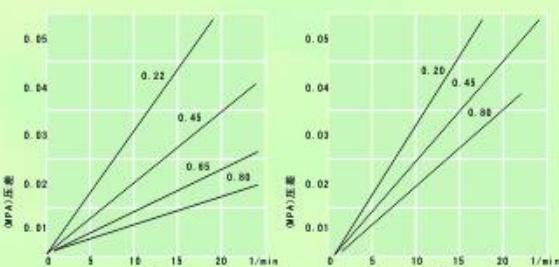
型号 MODELS

形状: 滤器端盖形状可分为226型、222型、220型三种
Cap Type: there Are Three Types Of The Filter End Caps. e. P Type, G Type, M type.

技术说明 Specification

单位 Units	品种 Types	Jm系列 Jm series	Jn系列 Jn series
项目 Items			
过滤介质 Filter media	混合纤维素加膜 Mixed Fibre Reinforced Membrane	尼龙6加膜 Nylon6 Reinforced Membrane	
孔径 Pore size	0.10, 0.20(0.22) 0.20, 0.45, 0.65, 0.80, 1.00, 2.0, 3.0, 5.0, 10.0		
尺寸 Dimensions			
长度 Length	mm(inch)	250(10"), 500(20"), 750(30"), 1000(40")	
外径 Outer Diameter	mm	69	
内径 Inner Diameter	mm	33	
过滤面积 Filtration Area	m ²	0.42-0.65(10")	
最大压差 Max Differential Pressure	Mpa	0.3(25)	
最高工作压力 Max Operating Pressure	Mpa	0.42	
最高工作温度 Max Operating Temperature	°C	50	80
允许pH值 Tolerant Ph		3~7	6~13
灭菌条件 Sterilization			121°C, 30min
标准流量 Standard Flow Rate	l/hr	500~2000	500~2000
密封方法 Sealing Method		熔焊 Melt Welding	

初期水能量 (10⁻³) Initial water flow rate (10⁻³)



每只折叠式精密过滤器经紫外线灭菌后，高纯水冲洗。

Each precision cartridge filter is preflushed with high purity deionized water after it is sterilized by ultraviolet ray.



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Address: New Industrial Area, Qingyuan District, Ji'an City, Jiangxi Province, China.

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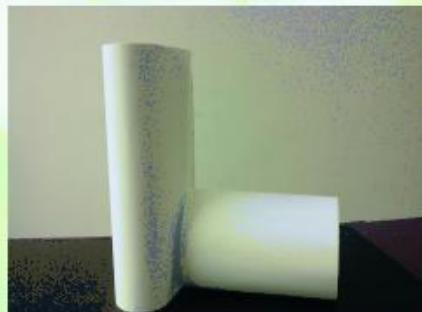
Nylon membrane(N6/N66)

Product Characteristics

- 1、With imported non-textile supporting bolster, good resilience, torn-up tolerance and durability
- 2、Intense filtration and high filtration quality
- 3、Naturally hydrophilic. No need to use humectant, which prevents the filtrate from being contaminated
- 4、Applies to water solvent and most organic solvent, especially to the filtration of alkalinity and alcohol solvents

Product Applications

- 1、Purification and filtration of liquid and removal of particles
- 2、Filtration of various solvent and medication solvent
- 3、Filtration of corrosion-resistance
- 4、Ultimate filtration of ink



Sterilization Methods

Non-sterilization packaging; sterilization under high temperature and pressure (121 °C /30min)

Specifications

- 1、Pore size (um)
- 2、Configuration size (um) 0.15、0.22、0.3、0.45、0.65、0.8、1.2、3.0、5.0、8.0
Roundel: Φ13、Φ25、Φ35、Φ47、Φ50、Φ60、Φ77、Φ90、Φ100、Φ150、Φ200、Φ300
Rectangle: custom-built, maximum size 400*300
Rolling film: length for your choice, Width: 280、320、420mm



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TEL:+86-796-8105786/8106818 FAX:+86-796-8105786
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& qfgl-Zhangying-Liu@qingfengfilter.com
<http://www.qingfengfilter.com>

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吉安市青原区庆丰过滤器材有限公司
Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

Mixed Cellulose Ester(CN-CA) MCE/JM

Product characteristics

- 1、Even distribution of pore, and rate of interstice reaches as high as 80%
- 2、Quick flow speed and high retention rate
- 3、Less sorbing and no medium shed off
- 4、Less working pressure needed



Product Applications

- 1、Purification and filtration of liquid and removal of particles
- 2、Aseptic filtration of culture medium
- 3、Detection of special pollutant in the air
- 4、Detection of Escherichia coli in the waters
- 5、Detection of dust
- 6、Applications in biology. For instance, the collection and cleaning of cells

Sterilization Methods

Non-sterilization packaging; sterilization under high temperature and pressure (121° C/30min)

Specifications

- 1、Pore size (um): 0.15、0.22、0.3、0.45、0.65、0.8、1.2、3.0、5.0、8.0
- 2、Configuration size (um)
Roundel: Φ13、Φ25、Φ35、Φ47、Φ50、Φ60、Φ77、Φ90、Φ100、Φ150、
Φ200、Φ300、Φ400
Rectangle: custom-built
Rolling Film: custom-built, Width: 280、320、420mm



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PVDF Membrane

Note: It contains hydrophilic and hydrophobic membranes

Product Characteristics

- 1、Superior corrosion resistance, applies to filtration of solution of solvent and acid etc.
- 2、Superior temperature tolerance, intense anti-pollution capability
- 3、Two types: natural hydrophobic and modified- hydrophobic

Product Applications

- 1、Effective filtration of organic solvent and additive
- 2、Ultimate filtration of ink
- 3、Filtration of solvent and chemical materials
- 4、Sterilized treatment towards reagent
- 5、Filtration of high-temperature liquid
- 6、Filtration of air and gas
- 7、Aseptic filtration of gas and vapor



Sterilization Methods

Non-sterilization packaging; sterilization under high temperature and pressure (121 °C/30min)

Specifications

- 1、Pore size (um) 0.22, 0.45, 1.0
- 2、Configuration size (um)
Roundel: Φ25、Φ35、Φ47、Φ50、Φ60、Φ77、Φ90、Φ100、Φ150、Φ200、
Φ300
Rectangle: custom-built
Rolling Film: custom-built , Width: 280、320、420mm



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吉安市青原区庆丰过滤器材有限公司
Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

PES (Polyethersulfone) Membrane

Features and Benefits

- 1.High flow rate, low solubility, good intensity, is designed for biochemical and inspection, pharmaceutical and aseptic filtration device.
- 2.High flow filtration volume
- 3.No other wetting agent (hydrophilic membrane)
- 4.High strength
- 5.Low protein adsorption and high drug compatibility
- 6.Less membrane consumed under the same medium filtration



Application

- 1.Clear filtration and aseptic and particle filtration.
- 2.All kinds of solvent and liquid filtration.
- 3.Photoresist filtration in the electronics industry
- 4.Ultimate filtration of chemical

Sterilization: Non-Sterilization packaging; High temperature and high pressure sterilization 121 ° C for 30 minutes

Specification

Pore Size (um): 0.10、0.2、0.45、065、0.8、1.2

Shape Size(mm): Disc Membrane :Φ13、Φ25、Φ35、Φ47、Φ50、Φ60、Φ77、Φ90、Φ100、Φ150、Φ200、Φ300:

Square Membrane: Can be customized. Max Size: 400 * 300

Roll Membrane: The width : 254、270、420mm; the length can be customized.



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<http://www.qingfengfilter.com>

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Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

CA(Cellulose acetate) membrane Filter Paper

Product Applications

- 1.Purification and filtration of liquid and removal of particles
- 2.Sterile filtration of culture medium
- 3.Detection of special pollutant in the air
- 4.Detection of Escherichia coli in the waters
- 5.Detection of dust
- 6.Applications in biology. For instance, the collection and cleaning of cells

Sterilization Methods

Non-sterilization packaging; sterilization under high temperature and pressure (121°C/30min)

Specifications

1.Pore size (um):0.1,0.2,0.45,0.65,0.8,1.0,1.2um

2.Configuration size (mm):

Roundel:Φ13,Φ25,Φ35,Φ47,Φ50,Φ60,Φ77,

Φ90,Φ100,Φ150,Φ200,Φ300

Rectangle: custom-built

Rolling film: custom-built,

Width : 470mm*900mm



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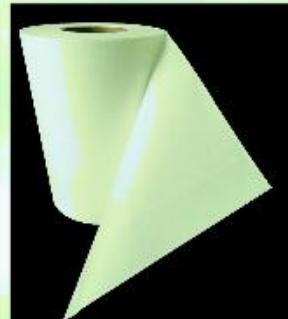
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Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

Polytetrafluoroethylene membrane(PTFE)

Note: It contains hydrophilic and hydrophobic membranes

Product Characteristics

- 1.Exremely good chemical compatibility,compatible with almost all acids, bases and solvents.
- 2.Excellent thermal resistance
- 3.High particle retention and low solubility
- 4.Two types: hydrophobic and hydrophilic



Product Applications

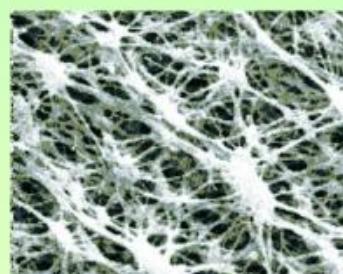
- 1.sterile filtration of organic solvents, mixed solvents, acids or bases and strong oxidizing solutions
- 2.Filtration for aqueous solution
3. Filtering gases,including humidified air
- 4.Phase separations
- 5.Sterilize gases,vent gas from aqueous solutions
- 6.Air dust removal and gas ultra-cleaning filtration and particle removal in high-temperature or high-corrosion air.

Sterilization Methods

Non-sterilization packaging:sterilization under high temperature and pressure (121 °C /30min)

Specifications

- 1.Pore size (μm) 0.1/0.2/0.45/1.0/3.0/5.0
- 2.Configuration size(mm)
Roundel: Ø25,Ø35,Ø47,Ø50,Ø60,Ø90,Ø100,Ø150,Ø200,Ø300
Rectangle: custom-built
Rolling Film: Width: 255,260,510,520mm



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Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

Glass Fiber Membrane(GF)

Glass filter membrane is made from 100% glass fiber. With high flow rate and retention rate, could filter particles. GF membrane is higher filtration efficiency and stronger assimiative capacity than the other fiber material and artificial material

Product Characteristic

1. GF membrane is made from glass fiber, including binder free and binder
- 2.High temperature resistance, tolerance under 500°C(Grade GF10,tolerance under 180°C)
- 3.Be available for pre-filtration
- 4.Excellent interception capacity due to Large surface area of GF membrane
- 5.High folw rate
- 6.Could decrease cost of filtration and previous resistance when substance difficult to filter or solvent high polluted

Typical Application

- 1.Efficient and conventional filtration
- 2.Filtration of reagent
- 3.Pre-filtration of membrane filter



CODE	Basic Weight (g/Square m)	Beta 200 Efficiency (200 B)	Pressure Drop (pa)	Dust Holding Capacity (g/Square meter)	Thickness (mm)
QFU1	130±10	1	400	90	0.50±0.02
QFU3	130±10	3	150	90	0.50±0.02
QFU5	130±10	5	85	100	0.50±0.02
QFU10	130±10	10	50	115	0.50±0.02
QFU15	130±10	15	40	120	0.50±0.02
QFU20	130±10	20	30	120	0.50±0.02
QFU25	130±10	25	20	130	0.50±0.02

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Specifications and parameters of Qingfeng MBR flat membrane element

Item NO. 型号	QFM150	QFM100	QFM080	QFM025		
effective area (M ²) 有效膜面积 (m ²)	1.5	0.92	0.8	0.25		
Size (mm): L*W*H 尺寸: 长×宽×厚 (mm)	1630*510*7	1010*510*7	1000×492×7.5	465×365×7.5		
Water yield (L/D. PIECE) 产水量 (L/D. PIECE)	650~1100	450~750	400~650	50~70		
Membrane material 滤膜材料	PVDF+PET					
Pore size (um) 滤膜孔径 (um)	0.05~0.08					
Outer frame 支撑板材	ABS					
Suggested the quantity Gas output (L/min. per pc) 推荐曝气量 (L/MIN. PIECE)	≥12		≥6			
Effluent turbidity (NTU) 出水浊度 (NTU)	≤1.0					
Effluent suspended solids (ppm) 出水悬浮物 (ppm)	≤5					
Weight (kg) 膜元重量 (Kg)	5.5	3.8	3.2	0.5		

Note:For different influent water's quality, there will be a big difference in water yield, so customers should have a test. This parameter is the initial filtration flux of a single membrane element when the MBR membrane is used to treat municipal waste water at 25 -1bar .



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 TEL: +86-796-8105786/8106818 FAX: +86-796-8105786
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Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

String Wound Filter

String Wound Filter is made of **high purity polypropylene or absorbent cotton or Glass fiber**, wrapped with certain aperture gradient winding. Depth filter. Good integrality, free of surfactants.

Features and Benefits

1. Depth filter
2. Large flow
3. High dirt holding capacity;
4. Wide chemical compatibility;
5. Economical and ideal choice
6. 100% PP



Typical Applications

1. Prefiltration before RO system in electronics process water;
2. Bottled water, wine, beer pre-filtration in food & beverage industry;
3. Prefiltration for Pharmaceuticals and electrical industries;
4. Clarification for waste water treatment;
5. Prefiltration before precision filtration.



Main Technical Data (10")

Micron Rating(μm): 0.45、1.00、3.00、5.00、10.0、20.0、30.0、50.0、70.0 μm

Length: 10" ~40"

Outer Diameter: 60~130mm

Inner Diameter: 28mm、30mm

Normal Operating Temperature: $\leq 80^\circ\text{C}$

Max. Operating Temperature: 140 °C ($\Delta P \leq 0.10 \text{Mpa}$)

PH Value compatibility: 1-13



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TEL:+86-796-8105786/8106818 FAX:+86-796-8105786
Email:406677590@qq.com & qfgl-Yanfeng-Liu@qingfengfilter.com
& qfgl-Zhangying-Liu@qingfengfilter.com
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吉安市青原区庆丰过滤器材有限公司
Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

Nylon Micropore Filter Cartridge

Introduction

The filtration media of nylon micropore filter cartridge is hydrophily nylon membrane. It is constructed of two materials nylon and PP to meet high standards of chemical and pharmaceutical industry. The benefit summary: stable hydrophily, strong flexibility, high retention rate, super chemical tolerance, especially suitable for filtration organic solvent. Withstand shocks and back pressures. All products have passed 100% integrity testing.



Specifications and technical parameters

Filter medium: hydrophily nylon membrane

Support layer: PP

Filter cage: PP

Pore size: 0.2、0.45、0.65、1(μm)

Length: 5"、10"、20"、30"、40"

Sealing material: Silastic, NBR, EPDM, Viton

Airtight method: thermal bonding technique

Effective filtration area: ≥ 0.65m²/10"

Outer Diameter: 69.0mm Inner Diameter: 33mm

Max. operating temperature: 60°C , 0.2Mpa

Max. positive pressure: 0.42Mpa (25°C)

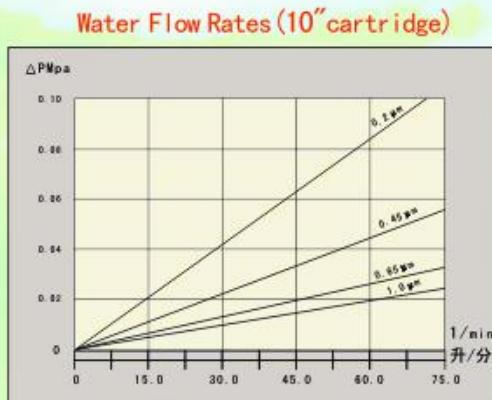
Max. back pressure: 0.21Mpa (25°C)

Sterilizing temperature: 121°C 30min

PH: 6-13

Others: special requirement of diameter and end caps can be customized

Select filter cartridge, refer to p10(Interface/End caps)



Typical Applications

Electronic industry: filtration for electron, micro-electronics, semiconductor industry water

Medical industry: filtration for sterile raw material pharmacy, medical liquid

detergents, solvent

medical liquid

Chemical industry: filtration for organic solvent, chemical reagent, high-purity chemicals

Food industry: beer, beverage, mineral water

Complete test (minimum bubble point) (25°C, water)

0.20um>=0.28Mpa 吉安市庆丰过滤

0.45um>=0.20Mpa

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TEL: +86-796-8105786/8106818 FAX: +86-796-8105786

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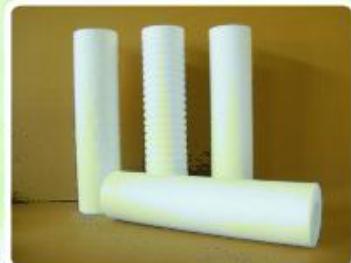


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Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

Melt-blown PP Filter Cartridge

Introduction

- 1、One step melt-blown forming with polypropylene;
- 2、High flow rates;
- 3、Excellent ability of dirty-holding ;
- 4、Low cost ,economic choice for all prefiltration ;
- 5、Easy installation ,replacement and maintenace.



Specifications and technical parameters

Material Membrane: PP fibre

Core: polypropylene O ring/Gasket: Silicone/Viton/TEV/EPDM

Specifications: Pore size (um): 1-100

Outer Diameter(OD): 63mm (can be decided by client)

Length (inch): 10, 20, 30, 40

Endcaps: DOE, SOE (code2, code3, code7, code8)

Technical data: Normal working temperature: 50 °C / 108°F

Max. working temperature: 90 °C / 194°F (P≤1.0 bar)

Max. differential pressure: 4.2 bar

PH value: 1-13

Sterilization method: Nil

Test: strict test before packing



Typical Applications

- 1、Prefiltration for water purification;
- 2、Coarse filtration for all kinds of beverage and wine;
- 3、Prefiltration for microelectronic and medicine industries;
- 4、Cleaning for sewage processing



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Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

PP Micropore Filter Cartridge

Introduction

The filtration media of PP micropore filter cartridge is superfine PP fibre membrane .it is a fixed and depth filter cartridge with a wide range of pore size from 0.1 μm to 60 μm .The materials comply with FDA related requirements.It is the first choice of pre-filtration due to its unique low differential pressure ,high flow rate and long service life feature .The structure of PP has stable performance and wide chemical compatibility.



Specifications and technical parameters

Filter medium: PP fibre membrane

Support layer: PP

Filter cage: PP

Pore size:0.1、0.2、0.45、0.65、1、3、5、10、20、30、60 (μm)

Length:5"、10"、20"、30"、40"

Sealing material: Silastic, NBR,EPDM,Viton

Airtight method: thermal bonding technique

Effective filtration area:0.4~0.7m²/10"

Outer Diameter: 69.0mm Inner Diameter: 33mm

Max. operating temperature: 80°C ,0.28Mpa

Max. positive pressure: 0. 42Mpa (25°C)

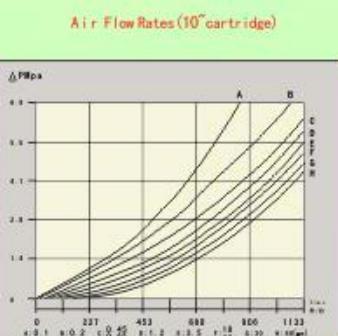
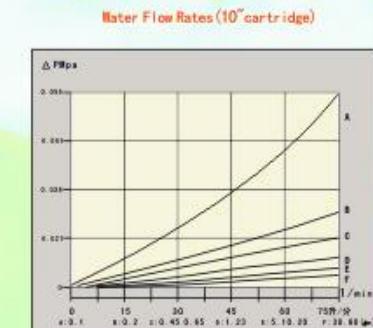
Max. back pressure: 0. 28Mpa (25°C)

PH: 1~13

Sterilizing temperature: 121°C 30min

Others:special requirement of diameter and end caps can be customized

Select filter cartridge,refer to p10Interface/End caps)



Typical Applications

Medical industry:filtration for medical liquid,cell debris,biologicals

Chemical industry:filtration for organic solvent,chemical reagent,electroplate liquid,ink.

Food industry:drinking water,mineral water,beverage,beer,wine

Electronic industry:pre-filtration on water system both for counter infiltration,deionized water

Gas filtration: compressed air,nitrogen,carbon dioxide

Others:photoresist ,magnetic media

Complete test

(minimum bubble point) (25°C, 95%isopropanol)

0. 10 μm >=0. 018Mpa

0. 20 μm >=0. 014Mpa

0. 45 μm >=0. 008Mpa

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PTFE Micropore Filter Cartridge(hydrophobicity)

Introduction

The filtration media of PTFE micropore filter cartridge is hydrophobicity PTFE membrane .it is constructed of two materials PTFE and PP to meet high standards of chemical and pharmaceutical industry. The benefit summary: strong hydrophobicity, high retention rate, super chemical tolerance and thermal stability, good intension, withstand shocks and back pressures, All products have passed 100%integrity testing. The biological safety and endotoxin guideposts are in accord with FDA and chinese Pharmacopoeia.



Specifications and technical parameters

Filter medium: hydrophobicity PTFE membrane

Support layer: PP

Filter cage: PP

Pore size: 0.1、0.2、0.45、1(μm)

Length: 5"、10"、20"、30"、40"

Sealing material: Silastic, NBR,EPDM,Viton

Airtight method: thermal bonding technique

Effective filtration area: ≥ 0. 65m²/10"

Outer Diameter: 69. 0mm Inner Diameter: 33mm

Max. operating temperature: 80°C ,0.17Mpa

Max. bear temperature: 140°C ,0. 27Mpa

Max. positive pressure: 0. 42Mpa (25°C)

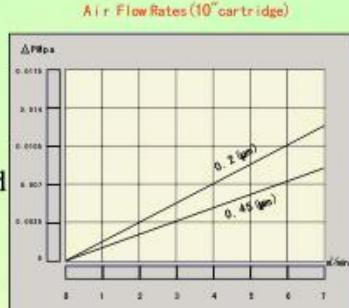
Max. back pressure: 0. 28Mpa (25°C)

PH: 1-14

Sterilizing:temperature:121°C 30min

Others:special requirement of diameter and end caps can be customized

Select filter cartridge,refer to p10(Interface/End caps)



Typical Applications

Chemical industry:filtration for organic solvent, various alcohols,chemical reagent.

Gas filtration: sterile filtration of compressed air, nitrogen, carbon dioxide

filtration for sterile tank respirator, air fermentation tank

Complete test (minimum bubble point) (25°C, 95%isopropanol)

0. 20μm>=0. 105Mpa
0. 45μm>=0. 075Mpa

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Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

PVDF Pleated Filter Cartridge

Main Features

- 1,High flow rate with low pressure drops;
- 2,High particle removal efficiency;
- 3,Superior performance of high-temperature and acid&alkali
- 4,Easy installation, replacement and maintenance;
- 5,Long service life.



Specifications

Material Membrane: PVDF
Core:PP/SS304L
O ring/Gasket: Silicone/Viton/TEV/EPDM
Specifications: Pore size (um):0.10, 0.20, 0.45, 0.80, 1.00, 3.00.5.00
Outer Diameter(OD): 68mm / 70 mm (can be decided by client)
Length (inch): 5, 10, 20, 30, 40
Endcaps: DOE, SOE (code2, code3, code7, code8)
Technical data: Effective filtration area (10"): ≥0.6 M2
Normal working temperature: ≤65 °C/ 149°F
Max. working temperature: 90 °C/ 194°F (P≤1.0 bar)
Max. differential pressure: 4.2 bar
PH value: 1-13
Sterilization method: Autoclaving (121±2 °C) within 30 minutes
water flow rate with different pressure see the chart
Test: 100% integrity test :23 °C; ≥95% Ethanol
0.2um≥0.70 bar; 0.45um≥0. 50bar



Applications

Winery, chemical and electronical industry



Address: New Industrial Area, Qingyuan District, Jilan City, Jiangxi Province, China.
TEL:+86-796-8105786/8106818 FAX:+86-796-8105786
Email:406677590@qq.com & qfgl-Yanfeng-Liu@qingfengfilter.com
& qfgl-Zhangying-Liu@qingfengfilter.com
<http://www.qingfengfilter.com>

地址：江西省吉安市青原区新工业园 TEL: 0796-8105786、13707962371、13879653189



吉安市青原区庆丰过滤器材有限公司
Ji'an Qingfeng Filter Equipment Material Co.,Ltd.

PES Micropore Filter Cartridge

Introduction

The filtration media of PES micropore filter cartridge is PES membrane .High porosity (about $\geq 80\%$) and geometrically unique pores of the PES cartridge contribute to high throughputs for difficult-to-filter solutions. It is constructed of two materials PES and PP to meet high standards of chemical and pharmaceutical industry. The benefit summary:unique hydrophily ,no including surfactant and lubricant,so it provides wide filtration pore size and high flow rate.its wide range of PH values and lower adsorbance of protein and valuable biologicals,high retention rate,super chemical tolerance and thermal stability,good intension,withstand shocks and back pressures.All products have passed 100% integrity testing.



Specifications and technical parameters

Filter medium:hydrophily PES membrane

Support layer:PP

Filter cage:PP

Pore size:0.1、0.2、0.45、0.65、1(μm)

Length:5"、10"、20"、30"、40"

Sealing material:Silastic, NBR,EPDM,Viton

Airtight method:thermal bonding technique

Effective filtration area: $\geq 0.65m^2/10''$

Outer Diameter:69.0mm Inner Diameter:33mm

Max. operating temperature:85°C ,0.05Mpa

Max. bear temperature:140°C ,0.28Mpa

Max. positive pressure:0.42Mpa (25°C)

Max. back pressure:0.21Mpa (25°C)

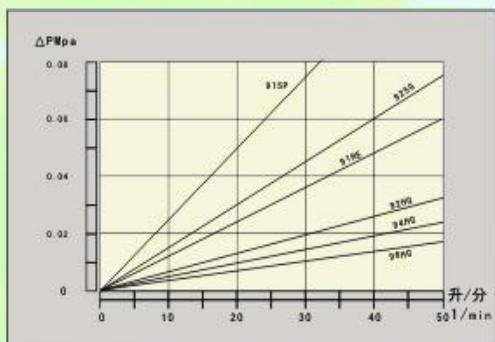
pH: 2-13

Sterilizing temperature:121°C 30min

Others:special requirement of diameter and end caps can be customized

Select filter cartridge,refer to p10(Interface/End caps)

Water Flow Rates (10" cartridge)



Typical Applications

Pharmacy industry:final filtration of injecta, eye drops, non-high temperature sterilization products,biologicals,vaccine,serum

Food industry:wines,mineral water,drinking water,beverage

Electronic industry:final filtration of high purity water and chemical raw materials

Complete test (minimum bubble point) (25°C, water)

0.10um ≥ 0.40 Mpa

0.20um ≥ 0.30 Mpa

0.45um ≥ 0.20 Mpa

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Stainless Steel Filter Shell



Introduction

The filter shell can be used together with various types of cartridges. The inside and outside surfaces are polished finish with reasonable structure and no dead angle. It is convenient to install and clean, can achieve to the filtration effects required by the customers. Its design conforms to GMP standards in medical industry. The filter includes liquid filter and gas filter.

Specifications and technical parameters

Shell material: 304、316L stainless steel

Shell type: liquid, gas

Length (matched cartridge) :5"、10"、20"、30"、40"

Connection methods (inlet and outlet) : quick opening, screw thread, flange

Connection methods (shell and end plate) : quick opening, flange

Sealing O-ring: silastic, NBR, EPDM, Viton

Interface: various specifications

Other: special specification of filter shell can be customized

Typical Applications

Usually it is used to filter liquid of various industry and air purification.



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