



PHFL SERIES HIGH FLOW FILTER CARTRIDGE PHFL系列大流量滤芯

产品介绍 GENERAL DESCRIPTION

PHFL系列大流量滤芯采用8"152.4mm的大直径结构，单端开口，无中心支撑骨架，流体由内向外流动，滤芯主体分为熔喷和折衷两种形式。端盖与滤芯采用热熔焊接，无任何粘接剂存在，因此有广泛的化学兼容性，可应用多种领域。

PHFL Series High Flow Filter Cartridge is made of diameter 8"(152.4mm), single open end, without inner core, inside to outside flow direction. Filter body have two types: melt-blown and pleated. And pleated filter is divided into two forms: standard and crescent-shaped. End caps and filter layer using hot-melt welding, no bonding agent, with a wide range of chemical compatibility, can be applied to various fields.

产品特性 PRODUCT FEATURES

- 国内唯一一款整体式外骨架
- 过滤系统尺寸最大可减少50%
- 由内到外的流动方向保证所有杂质被截留在滤芯内部
- 渐变孔包的聚丙烯纤维深层滤材，孔径沿流体运动方向逐渐变小，分层次拦截不同粒度的颗粒，因而具有优秀的纳污能力和较低的流动阻力

- Outer cage is one piece, we are the only one in domestic.
- Filtration systems are 50% smaller than typical size system
- Inside to outside flow direction keeps all of the contamination caught.
- Gradient aperture deep polypropylene fiber filter media, aperture along the fluid motion direction becomes smaller, levels intercept different sizes particles, which has excellent dirt holding capacity and low flow resistance.

应用领域 APPLICATION

- 石油化工行业：各种溶剂、急冷水、盐水的过滤
- 发电厂：除铁过滤器滤芯、凝结水滤芯、定子冷却水等
- 一般工业：各种工艺液体、工艺用水、冷却水、冷却水、废水处理等
- 食品饮料工业：工艺用水等
- 通用用途：RO保安过滤器，各种工艺用水的净化处理

- Petrochemical: Various solvents, chilled water, brine filtration
- Power Plant: Iron removal filters element, condensate filter element, stator cooling water, etc.
- Industrial: Process fluid, process water, condensed water, coolant, wastewater treatment
- Food and Beverage: Process water;
- General Purpose: RO Prefiltration, all kinds process water purification.



技术规格 PERFORMANCE SPECIFICATIONS

滤芯尺寸 Dimensions(Nominal)

直径: 8" (152.4mm)	OD: 8" (152.4mm)
长度: 20"、40"、60"	Length: 20"/40"/60"
过滤面积: 7 m ² /40"	Filtration area: 7 m ² /40"

材料结构 Material Of Construction

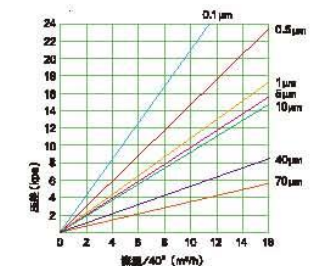
型号	滤材	支撑/导流层	端盖	密封材质
PP	深褶皱聚丙烯	聚丙烯	玻璃纤维增强聚丙烯	丁腈橡胶 乙丙橡胶 氟橡胶
GF	熔喷聚丙烯	聚丙烯	玻璃纤维增强聚丙烯	

Model	Filter Media	Support/Drainage	End Caps	Seal Material
PP	Pleated Depth Polypropylene	Polypropylene	Glass Fiber Reinforced Polypropylene	NBR EPDM Viton
GF	Melt blown Polypropylene	Polyester	Glass Fiber Reinforced Polypropylene	

滤芯性能 Filter Performance

过滤精度: 0.1-100μm
最高操作温度: 折衷/熔喷聚丙烯82°C
折衷/熔喷聚丙烯121°C
最大工作压力 (由内向外流动): 折衷/熔喷聚丙烯: 3.44bar@82°C
折衷/熔喷聚丙烯: 3.44bar@121°C
滤芯更换报警压差: 2.5Bar
最大水流量: 40"滤芯: 70 m³/h; 60"滤芯: 110 m³/h
Micron: 0.1-100μm
Maximum operating temperature: Pleated/melt-blown pp: 82°C
Pleated glass fiber: 121°C
Maximum operating differential pressure (inside to outside flow direction):
Pleated/melt-blown pp: 3.44bar@82°C;
Pleated glass fiber: 3.44bar@121°C
Suggestion pressure for filter replacement: 2.5Bar
Max flow rate: 40"filter: 70 m³/h; 60"filter: 110 m³/h

流量特性 Rating Curve



订货编号 ORDERING INFORMATION

PHFL	PP	0500	40	G	E
	材質 Material	過濾精度 Micron (μm)	長度 Length(in.)	外隔輪詢 Support	墊片/密封圈材質 Seals
		0010=0.1μm 0100=1μm 0500=5μm 1000=10μm 1500=16μm 2000=20μm 4000=40μm 7000=70μm 10000=100μm	20=20" 40=40" 60=60"	G=加強外骨架 PP Outer Cage M=熔噴滤芯 Melt-blown B=袋式滤芯 Bag Type	V=氟橡膠 Viton S=硅橡膠 Silicone N=丁腈橡膠 NBR E=乙丙橡膠 EPDM



PHFLH Series High Temperature High Flow Filter Cartridge PHFLH系列耐高温大流量滤芯

产品介绍 GENERAL DESCRIPTION

PHFLH系列大流量水滤芯采用6" /152.4mm的大直径结构，单端开口，无中心支撑骨架，流体由内向外流动。滤芯与支撑层均采用耐高温材料，可以在120℃的条件下长期使用。端盖与滤层采用热熔焊接，无任何粘接剂存在，因此具有广泛的化学相容性，可应用多种领域。

PHFLH Series High Flow Filter Cartridge is made of diameter 6" (152.4mm), single open end, without inner core, inside to outside flow direction. Filter media and support are made of high temperature materials, can long-term use under the conditions of 120 °C. End caps and filter layer using hot-melt welding, no bonding agent, with a wide range of chemical compatibility, can be applied to various fields.

产品特性 PRODUCT FEATURES

- 耐高温滤材可以保证在高温环境中具有良好的过滤效率；
- 由内到外的流动方向保证所有杂质被截留在滤芯内部；
- 渐变孔径的聚酯纤维滤层滤材，孔径沿流体运动方向逐渐变小，分层式阻截不同粒度的颗粒，因而具有优秀的纳污能力和较低的流动阻力
- High temperature filter media guarantee good filtration efficiency in high temperature environment;
- Inside to outside flow direction keeps all of the contamination caught;
- Graded pore density provide excellent dirt holding capacity and low flow resistance.

应用领域 APPLICATION

- 高温凝结水处理
- 各种高温工艺水处理
- High-temperature condensate treatment
- Various high-temperature process water treatment



技术规格 PERFORMANCE SPECIFICATIONS

滤芯尺寸 Dimensions(Nominal)

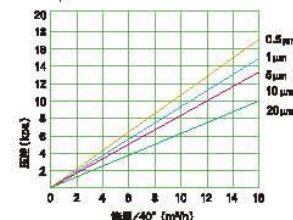
直径: 6" (152.4mm)	OD: 6" (152.4mm)
长度: 20"、40"、80"	Length: 20"/40"/80"
过滤面积: 7 m ² /40"	Filtration area: 7 m ² /40"

滤芯性能 Filter Performance

过滤精度: 0.1-20μm
滤芯更换推荐压差: 2.5Bar
最大水流量: 40"滤芯: 70 m³/h; 80"滤芯: 110 m³/h

Micron: 0.1-20μm
Suggestion pressure for filter replacement: 2.5Bar
Max flow rate: 40"filter: 70m³/h; 80"filter: 110m³/h

流量特性 Rating Curve



订货编号 ORDERING INFORMATION

PHFLH	PET	0500	40	G	V
	材質 Material	過濾精度 Micron (μm)	長度 Length(in.)	外框結構 Support	垫片/密封圈材質 Seals
	PET: 聚酯纖維 Polyester	0100=1 μm 0500=5 μm 1000=10 μm 1500=15 μm 2000=20 μm	20=20" 40=40" 80=80"	G=304不銹鋼外骨架 304 Stainless Steel Outer Cage	V=氟橡胶 Viton S=硅橡胶 Silicone E=乙丙橡胶 EPDM



PHFK SERIES HIGH FLOW FILTER CARTRIDGE PHFK系列大流量滤芯

产品介绍 GENERAL DESCRIPTION

PHFK系列大流量滤芯采用8" (152.4mm) 大直径结构及打褶形式, 内部具有高强度聚丙烯支撑骨架, 流体流动方向由外到内, 外部支撑分为整体式聚丙烯骨架和嵌网滤筒两种结构。

PHFK Series High Flow Filter Cartridge is made of diameter 8" (152.4mm) and pleated design, with high-strength pp center core, outside to inside flow direction. Outer cage have two types: integral pp cage and polyester mesh.

应用领域 APPLICATION

- RO保安过滤、海水淡化预处理及各种工艺用水的过滤
- 电厂凝结水、补给水、冷却水过滤
- 生物制药行业原料药、溶剂、水的过滤
- 石油化工行业各种溶剂、急冷水、热水和其它化学药剂的过滤
- RO pre-filtration, desalination pretreatment and a variety of process water filtration;
- Power plant supplementary water, condensation water, coolant filtration;
- Biopharmaceutical industry pharmaceutical raw materials, solvents, water filtration;
- Petrochemical industry various solvents, quench water, brine and other chemicals filtration.



"W"型——先进的折量技术, 可以增加滤芯的有效过滤面积, 从而延长滤芯的使用寿命。

"W"Type——Advanced pleated technique, can increase the effective filtration area, extending filter life.

技术规格 PERFORMANCE SPECIFICATIONS

滤芯尺寸 Dimensions(Nominal)

直径: 8" (152.4mm)	OD: 8" (152.4mm)
长度: 40"	Length: 40"
过滤面积: 6 m ² /40'	Filtration area: 6 m ² /40'

材料结构 Material Of Construction

型号	滤材	支撑/导流层	端盖	密封材质
PP	深褶皱聚丙烯	聚丙烯	玻璃纤维增强聚丙烯	丁腈橡胶、乙丙橡胶
GF	树脂合成玻璃纤维/聚酯	聚酯	玻璃纤维增强聚丙烯	氟橡胶

Model	Filter Media	Support/Drainage	End Caps	Seals Material
PP	Deep Pleated Polypropylene	Polypropylene	Glass Fiber Reinforced Polypropylene	NBR, EPDM Viton
GF	Glass Fiber/Polyester	Polyester	Glass Fiber Reinforced Polypropylene	

滤芯性能 Filter Performance

过滤精度: 0.1-100μm

最高操作温度: 折量玻纤121°C; 折量聚丙烯82°C

最大工作压力: 折量玻纤: 3.44bar@121°C

折量聚丙烯: 3.44bar@82°C

滤芯更换推荐压差: 2.6Bar

最大水流量: 40" 滤芯: 70m³/h

Micron: 0.1-100μm

Maximum operating temperature: Pleated Glass Fiber: 121°C

Pleated Polypropylene: 82°C

Maximum operating differential pressure:

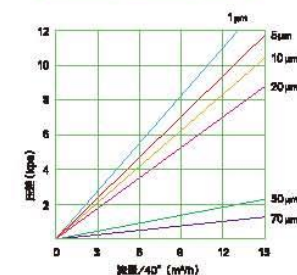
Pleated Glass Fiber: 3.44bar@121°C;

Pleated Polypropylene: 3.44bar@82°C

Suggestion pressure for filter replacement: 2.6Bar

Max flow rate: 40" filter: 70m³/h

流量特性 Rating Curve



订货编号 ORDERING INFORMATION

PHFK	PP	0500	40	S	E	ZA
材料 Material	过滤精度 Micron (μm)	长度 Length(In.)	外层结构 Support	垫片/密封圈材质 Seals	接头形式 Connection Type	
PP: 聚丙烯 Polypropylene	0010=0.1 μm 0100=1 μm 0500=5 μm	20=20" 40=40"	S=外置塑料网 Polyester mesh G=加强外骨架 PP Outer Cage	V=氟橡胶 Viton S=硅橡胶 Silicone N=丁腈橡胶 NBR E=乙丙橡胶 EPDM	ZA=单密封胶圈 Single O-ring ZB=双密封胶圈 Double O-ring	
PET: 聚酯纤维 Polyester	1000=10 μm 2000=20 μm 5000=50 μm					
GF: 树脂合成玻璃纤维/聚酯 Glass Fiber/Polyester	7000=70 μm 10000=100 μm					



PHFM SERIES HIGH FLOW FILTER CARTRIDGE

PHFM系列大流量滤芯

产品介绍 GENERAL DESCRIPTION

PHFM大流量水滤芯采用8.5"/165mm大直径结构和打褶形式, 具有极高的过滤面积和纳污能力, 可用于多种流量要求, 广泛的化学应用性可应用于多种领域。

PHFM High Flow Filter Cartridge is made of diameter 8.5"(165mm) and pleated design with big flow area and dirt holding capacity. It can meet different flow requirements, with a wide range of chemical compatibility, can be applied to various fields.



应用领域 APPLICATION

- 电厂冷却水的过滤
- RO保安过滤、海水淡化预处理
- 生物制药行业原料液、溶剂、水过滤
- 食品饮料的工艺用水处理等
- Power plant condensation water filtration;
- RO pre-filtration, desalination pretreatment;
- Biopharmaceutical industry pharmaceutical raw materials, solvents, water filtration;
- Food and Beverage process water treatment.

"W"型——先进的折量技术, 可以增加滤芯的有效过滤面积, 从而延长滤芯的使用寿命。

"W"Type——Advanced pleated technique, can increase the effective filtration area, extending filter life.

技术规格 PERFORMANCE SPECIFICATIONS

滤芯尺寸 Dimensions(Nominal)

直径: 6.5" (165mm)	OD: 6.5" (165mm)
长度: 20"、40"、60"	Length: 20" / 40" / 60"
过滤面积: 8m ² /40"	Filtration area: 8m ² /40"

材料结构 Material Of Construction:

型号	滤材	支撑/导流层	端盖	密封材质
PP	深层折叠聚丙烯	聚丙烯	玻璃纤维增强聚丙烯	丁腈橡胶、乙丙橡胶
GF	树脂合成玻璃纤维/聚酯	聚酯	玻璃纤维增强聚丙烯	氟橡胶

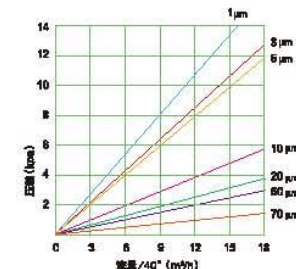
Model	Filter Media	Support/Drainage	End Caps	Seal Material
PP	Deep Pleated Polypropylene	Polypropylene	Glass Fiber Reinforced Polypropylene	NBR, EPDM
GF	Glass Fiber/Polyester	Polyester	Glass Fiber Reinforced Polypropylene	Viton

滤芯性能 Filter Performance

过滤精度: 0.1-100μm
最高操作温度: 82℃
最大工作压力: 3.44bar@82℃
滤芯更换推荐压差: 2.5Bar
最大水流量: 40" 滤芯: 70m³/h; 60" 滤芯: 110m³/h

Micron: 0.1-100μm
Maximum operating temperature: 82℃
Maximum operating differential pressure: 3.44bar@82℃
Suggestion pressure for filter replacement: 2.5Bar
Max flow rate: 40" : 70m³/h; 60" : 110m³/h

流量特性 Rating Curve



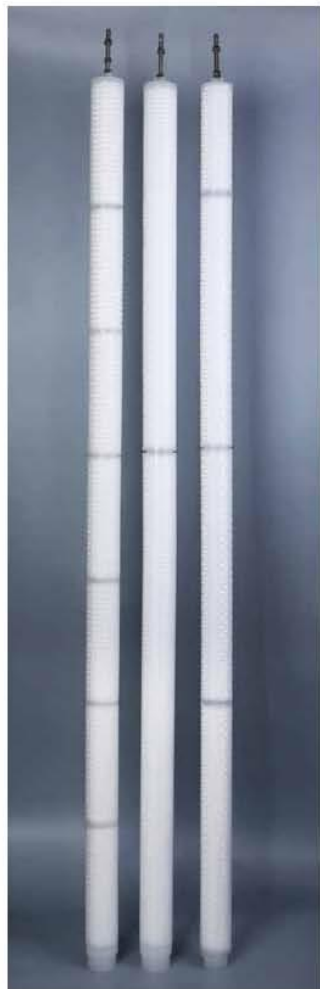
订货编号 ORDERING INFORMATION

PHFM	PP	0500	40	S	E	ZA
材料 Material	过滤精度 Micron (μm)	长度 Length(in.)	外罩结构 Support	垫片/密封圈材质 Seals	接头形式 Connection Type	
PP: 聚丙烯 Polypropylene PET: 聚酯纤维 Polyester GF: 树脂合成纤维/聚酯 Glass Fiber/Polyester	0010=0.1 μm 0100=1 μm 0500=5μm 1000=10 μm 2000=20 μm 5000=50μm 7000=70 μm 10000=100 μm	20=20" 40=40"	S=外罩塑料网 Polyester mesh G=加强外骨架 PP Outer Cage	V=氟橡胶 Viton S=硅橡胶 Silicone N=丁腈橡胶 NBR E=乙丙橡胶 EPDM	ZA=一字形 "- " Type ZB=十字形 "+ " Type	



PHFZ SERIES PLEATED FILTER CARTRIDGE

PHFZ系列折叠滤芯



产品介绍 GENERAL DESCRIPTION

PHFZ可反洗折叠滤芯是目前国内应用最为广泛的凝结水精处理前置过滤滤芯。该滤芯用高精度的聚丙烯滤膜折叠而成，接口全部采用热熔焊接成型，无任何添加剂、粘合剂和攻击性剂，保证了滤芯的高精度、高通量、高强度、低堵塞物和低起始压差。按结构形式可分为PHFZ-I (7节)、PHFZ-II (4+3) 和PHFZ-III (3+1) 三类产品，型号PHFZ-II (4+3) 的滤芯为40°和30°焊接制成，是国内唯一一款外径φ86的筒体式骨架产品。

PHFZ Series washable pleated filter cartridge is currently the most widely used Condensate Polishing pre-filter cartridge in domestic. It's made of pleated high-precision polypropylene filter membrane, all welded using hot-melt, without any additives, adhesives and surfactants, which ensure high accuracy, high-throughput, high-strength, low extractables and low initial pressure. It can be divided into PHFZ-I (7 parts), PHFZ-II (2 parts) and PHFZ-III (4 parts) three types. The PHFZ-II (2 parts) is welded of 40° and 30°, is the only one filter with 86mm diameter and integral outer support in domestic.

产品特性 FEATURES AND BENEFITS

- 筒体式骨架，具有过滤面积大，寿命长，强度高，尺寸稳定，泄漏风险小等优点
- 壳体的聚丙烯结构和广泛的化学应用性
- 采用内螺纹连接，安装方便，高耐污量，运行阻力小
- 系统简单，没有酸碱的消耗和再生酸等废液排放的污染
- 不同精度的滤芯可用于电厂凝结水精处理启动滤芯和运行滤芯
- Integral support, with big filter area, long life, high strength, dimensional stability, low risk of leakage, etc.
- Complete polypropylene structure and extensive application of chemical;
- Using the threaded connection, easy installation, high dirt holding capacity;
- Simple system, no acid consumption and pollution of regeneration acid and alkali;
- Different precision can be used as startup and operation filter element of condensate polishing



应用领域 APPLICATION

- 电厂凝结水精处理系统
- 石化水处理脱盐、除铁
- RO保安过滤，海水淡化预处理
- Power plant condensate water filtration;
- Desalination, iron of petrochemical water treatment;
- RO pre-filtration, desalination pretreatment

技术规格 PERFORMANCE SPECIFICATIONS

部件材质 Parts Material

滤材：聚丙烯
中心骨架材料：强化聚丙烯

Filter Media: Polypropylene
Center Core: Reinforced Polypropylene

滤芯尺寸 Dimensions (nominal)

外径：φ69mm、φ65mm (PHFZ-III系列)
长度：70°
连接方式：螺纹
连接尺寸：1 1/2"-12 (内螺纹)、M33 x 1.5 (外螺纹)
(可根据客户要求定做)
底部螺纹：3/8、M6、M8、M10

Outside Diameter: 69mm, 65mm (PHFZ-III (4 parts))
Length: 70°
Connection Type: Thread
Connection size: 1 1/2"-12 (internal thread), M33 x 1.5 (external thread),
(Customized as customers' request)
Bottom Thread: 3/8, M6, M8, M10

滤芯性能 Filter Performance

过滤精度：1-10μm
过滤面积：6.5㎡
最高工作温度：85℃
最大压差：3.0 bar
最大反向压差：2.1 bar
设计流量：3.5 m³/h ~ 4.5 m³/h (推荐值 3.9 m³/h)
进水水质：<2000 ppb
反洗水量及气量：在1.36-2.1 bar的压力下，反洗水量每支滤芯0.45-0.65 m³/h，反洗气量3.4-5 m³/h，均可达到理想的反洗效果。
600MW超临界和1000MW超超临界机组，分别推荐选用精度4μm、1μm的70°滤芯，调试启动时推荐选用精度为10μm的滤芯。进水水质：<2000 ppb

Micron: 1-10μm
Filter area: 6.5 m²
Maximum Operating Temperature: 85°C
Maximum Operating Differential Pressure: 3.0 bar
Maximum Operating Differential Pressure (reverse direction): 2.1 bar
Design Flow Rate: 3.5 m³/h ~ 4.5 m³/h (Recommended 3.9 m³/h)
Inlet water quality: <2000 ppb
Backwash water and gas: Under the pressure of 1.36-2.1 bar, each filter backwash water 0.45-0.65 m³/h, Backwash gas 3.4-5 m³/h, can achieve the desired effect.
600MW supercritical and ultra-supercritical 1000MW units, respectively recommended use 4μm, 1μm 70° filter element, when debugging startup recommend 10μm filter element

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PHFZ	PP	0500	70	II	Z1	W1
	材质 Material	过滤精度 Micron (μm)	长度 Length (mm)	结构形式 Structure Type	连接螺纹 Connection Thread	底部螺纹 Bottom Thread
	PP: 聚丙烯 Polypropylene	0100=1μm 0500=5μm 1000=10μm 2000=20μm	60=60° 70=70°	I=7节 7 parts II=4+3 III=3+1 (φ66) 3+1 (OD:86mm)	Z1: 1 1/2"-12 Z2: M33 X 1.5	W1:M8 W2:M10 W3:M6 W4:3/8



PHFX SERIES STRING WOUND FILTER CARTRIDGE PHFX系列线绕滤芯

产品介绍 GENERAL DESCRIPTION

PHFX系列线绕滤芯是一种可反洗原属过滤芯，使用高性能纤维线（丙纶线、原纤维线、玻璃纤维线等），通过数控系统控制机器按照设定的工艺参数缠绕在不锈钢多孔骨架上面，杜绝了纤维变形和纤维脱落，能有效的去除流体中的悬浮物、颗粒、铁屑等杂质，具有广泛的应用性。

PHFX Series String Wound Filter Cartridge is washable depth filter cartridge, use of high-performance fiber (polypropylene, cotton, glass fiber, etc.) according to a specific process, tightly wrapped on a porous skeleton (PP or SS support), put an end to the fiber deformation and fiber shedding, can effectively remove suspended solids in the fluid, particulates, rust and other debris, has wide applicability.

产品特点 FEATURES AND BENEFITS

机械强度高，即使在苛刻的工艺条件下也不会变形
超长滤芯70" (1778mm) 适用于大流量、高脏污量的应用场所
系统简单，没有脱落的纤维和再生脱落的纤维污染

High mechanical strength, even under harsh processing conditions is not deformed
Up to 70" (1778mm) length, apply to high flow, high dirt holding capacity of Applications
Simple structure, no acid consumption and waste acid regeneration

应用领域 APPLICATION

- 电厂凝结水处理系统
- RO保安过滤，海水淡化预处理
- 油漆、涂料、石化化工、精炼
- 微电子、膜片、纤维、树脂
- Power plant condensation water filtration;
- RO pre-filtration, desalination pretreatment;
- Paints, coatings, petrochemical, refining;
- Microelectronics, films, fibers, resins.



技术规格 PERFORMANCE SPECIFICATIONS

滤芯尺寸 Dimensions(Nominal)

外径: $\varnothing 50, \varnothing 60\text{mm}$ 内径: $\varnothing 25, \varnothing 28\text{mm}$
长度: 70" (1778mm), 80" (1524mm)

OD: 50mm, 60mm ID: 25mm, 28mm
Length: 70" (1778mm), 80" (1524mm)

部件材质 Parts Material

滤材: 聚丙烯纤维 玻璃纤维 玻璃纤维线 有机纤维
中心骨架: 不锈钢304/316

Filter Media: Polypropylene, Cotton, Glass Fiber,
Organic Fiber

Support Core: Stainless steel 304/316

滤芯性能 Filter Performance

过滤精度: 1-10 μm
最高操作温度: 260°C
操作最大压差: 3.0 Bar@90°C
设计流量: 2.2m³/h-2.8m³/h (推荐值2.5m³/h)
进水水质 (推荐值): <1000 ppb
连接螺纹: 螺紋M33×1.5, M33×2, G1", 1 3/16"-24 BSW
尾端螺纹: 螺紋M8, M10, M8
(备注: 连接螺纹与尾端螺纹可以根据客户要求定做)

Micron: 1-10 μm
Maximum operating temperature: 260°C
Design Flow Rate: 2.2m³/h-2.8m³/h (Recommended 2.5m³/h)
Maximum operating differential pressure: 3.0 Bar@90°C
Inlet water quality (Recommended): <1000 ppb
Connection Thread: M33×1.5, M33×2, G1", 1 3/16"-24 BSW
Bottom Thread: M8, M10
(Remark: Connection Thread and Bottom Thread can customized as customers' request)

订货编号 ORDERING INFORMATION

PHFX	PP	0500	70	S1	Z1	W1
	材質 Material	過濾精度 Micron (μm)	長度 Length(in.)	支撐管材質 Support	取樣端紋 Connection Thread	尾端端紋 Bottom Thread
	PP:聚丙烯 Polypropylene CO ₂ 聚丙烯 Cotton	0100=1 μm 0500=5 μm 1000=10 μm	40=40" 60=60" 70=70"	S1=304 S2=316	Z1=M33×1.5 Z2=M33×2 Z3=G1" Z4=1 3/16"-24BSW	W1=M8 W2=M10 W3=M6



PLZ-PPL Series Pleated PP Filter Cartridge PLZ-PPL系列折叠聚丙烯滤芯

产品介绍 GENERAL DESCRIPTION

PLZ-PPL系列折叠滤芯采用进口聚丙烯膜，高流速和高纳污量的特性使PPL系列滤芯成为最经济的预过滤滤芯，普遍应用于制药、电子、化工、食品饮料等各个领域，特别适用于高悬浮颗粒、胶体类物质以及高粘度液体过滤。
PLZ系列折叠聚丙烯滤芯分为PLZ-I型（管式骨架）和PLZ-II型（整体式骨架），其中PLZ-II型具有整体式骨架，具有过滤面积大，寿命长，强度高，尺寸稳定，泄漏风险小等优点。

PLZ-PPL series pleated PP filter used imported polypropylene membrane, high flow rates and high dirt holding capacity feature make it become the most economical pre-filtration filter, widely used in various fields of pharmaceutical, electronics, chemicals, food and beverage, widely used in various fields of pharmaceutical, electronics, chemicals, food and beverage.
PLZ Series Pleated Filter Cartridge is divided into PLZ-I (standard frame) and PLZ-II (Integral frame). The PLZ-II with integral frame, has big filtration area, long life, high strength, dimensional stability, small leakage risk, etc.

产品特性 FEATURES AND BENEFITS

- 纳污量大，寿命长
- 出色的杂质拦截能力，特别适合于粘性、含胶体的液体过滤
- 广泛的化学兼容性，可过滤各种酸、碱及溶剂
- High dirt holding capacity, long service life
- Excellent ability to filter out impurities, especially for viscous, containing colloidal liquid filtration
- Broad chemical compatibility, can filter all kinds of acids, alkalis and solvents

应用领域 APPLICATION

- 反渗透水处理工艺的保安过滤；
- 发酵空气的预过滤；
- 啤酒、葡萄酒、白酒等食品饮料的澄清过滤；
- 矿泉水的预过滤及精密过滤；
- 输液、生物制品、发酵液的预过滤；
- 光学镜片树脂单体过滤。
- Security filter of RO water treatment;
- Fermentation air pre-filter;
- Beer, wine, liquor and other food and beverage clarification and filtration;
- Mineral water pre-filter and sophisticated filter;
- Pre-filter of infusion, biological products and fermentation broth;
- Optical mirror resin monomer filter.



技术规格 PERFORMANCE SPECIFICATIONS

材料结构 Material Of Construction

滤材	聚丙烯	Filter Media	Polypropylene
导流层	聚丙烯	Support/Drainage	Polypropylene
中心杆/外壳/端盖	聚丙烯	Core/Cage/End Cap	Polypropylene
密封圈	见滤芯选型表	Seals	Please refer to "Ordering information"

工作特性 Performance

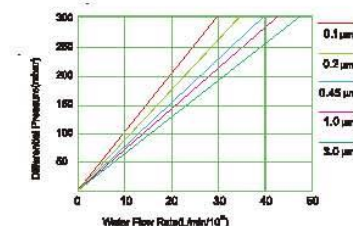
最高工作温度	80℃	Maximum operating temperature	80℃
最大工作压力	4bar@25℃	Maximum operating pressure	4bar@25℃
	2.8bar@25℃		2.6bar@25℃
蒸汽消毒	121℃/30min	Moist-heat sterilization	121℃/30min
流动热水灭菌	85℃/30min	Flowing hot water sterilization	85℃/30min

滤芯性能 Filter Performance

项目	技术性能指标
过滤精度	0.1-20 μm
过滤面积	0.4-0.7m²
滤芯外径	88.5mm

ITEM	TECHNICAL PARAMETERS
Micron(μm)	0.1-20 μm
Filtration area	0.4-0.7m²
Outside diameter	88.5mm

流量特性 Rating Curve (10 inch)



订货编号 ORDERING INFORMATION

PLZ-PPL	40	0022	C2	S
	长度 Length(in.)	过滤精度 Micron (μm)	端盖方式 End Cap Type	垫片/密封圈材质 Seals
	10=10" 20=20" 30=30" 40=40"	0010=0.1 μm 0022=0.22 μm 0045=0.45 μm 0100=1 μm 0200=2 μm 0500=5 μm 1000=10 μm 2000=20 μm	C1=228接口/三瓣架 228/Spear C2=228接口/垫片 228/Fin C3=222接口/三瓣架 222/Spear C4=222接口/垫片 222/Fin C5=222接口/平封 222/Flat C6=228接口/平封 228/Flat C7=228不锈钢衬/三瓣架 228/SS/Spear C8=222不锈钢衬/三瓣架 222/SS/Spear C9=两端通 DOE	V=氟橡胶 Viton S=硅橡胶 Silicone E=乙丙橡胶 EPDM



PLZ-PPH Series High-density Pleated PP Filter Cartridge PLZ-PPH系列高密度折叠聚丙烯滤芯

产品介绍 GENERAL DESCRIPTION

PLZ-PPH系列采用进口聚丙烯膜为过滤介质，特殊结构使其具有比普通折叠滤芯具有更大的膜面积，因此，在过滤高纯试剂时具有更大的过滤流量，更长的使用寿命，特别适用高纯试剂过滤。

PLZ-PPH series pleated filter used Imported polypropylene membrane, special structure make it has bigger filtration area. When filtering purity reagents, it has bigger flow rate, long service life, especially for high-purity reagents.

产品特性 FEATURES AND BENEFITS

- 高密度设计，过滤流量大，寿命长
- 绝对过滤精度，确保了稳定的过滤效果，99.9%的截留效率使其具有出色的截留能力
- 广泛的化学兼容性，可过滤各种酸、碱及溶剂

- High-density designs, filtered through a large, long life
- Absolute filtration accuracy, ensure the stable filter effect, 99.9% trapping efficiency
- Broad chemical compatibility, can filter all kinds of acids, alkalis and solvents

应用领域 APPLICATION

- 高纯试剂过滤
- 高纯水过滤
- 生物制品的预过滤
- 高精度、高浓度产品的过滤
- Purity reagents Filtering
- High Pure water filtration
- Prefilter biological
- High-precision, high concentrations products filtration



技术规格 PERFORMANCE SPECIFICATIONS

材料结构 Material Of Construction

滤材	聚丙烯	Filter Media	Polypropylene
导流层	聚丙烯	Support/Drainage	Polypropylene
中心杆/外壳/端盖	聚丙烯	Core/Cage/End Cap	Polypropylene
密封圈	见滤芯选型表	Seals	Please refer to "Ordering Information"

工作特性 Performance

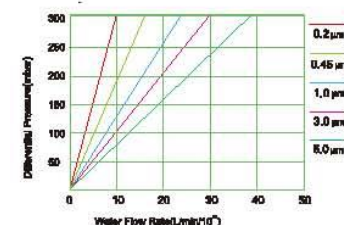
最高工作温度	80℃	Maximum operating temperature	80℃
最大工作压力	4bar@25℃	Maximum operating pressure	4bar@25℃
	2.6bar@25℃		2.6bar@25℃
蒸汽消毒	121℃/30min	Moist-heat sterilization	121℃/30min
流动热水灭菌	85℃/30min	Flowing hot water sterilization	85℃/30min

滤芯性能 Filter Performance

项目	技术性能指标
过滤精度	0.1-20μm
过滤面积	0.5-0.6m²
滤芯外径	68.5mm

ITEM	TECHNICAL PARAMETERS
Micron(μm)	0.5-80μm
Filtration area	0.5-0.6m²
Outside diameter	68.5mm

流量特性 Rating Curve (10 Inch)



生物安全性 Biosecurity

每10英寸溶出物: <30mg Every 10 inches dissolution < 30 mg
内毒素: <0.25EU/ml Endotoxin < 0.25EU/ml

订货编号 ORDERING INFORMATION

PLZ-PPH	40	0022	C2	S
长度 Length(in.)	过滤精度 Micron (μm)	连接方式 End Cap Type	垫片/密封圈材质 Seals	
10=10"	0010=0.1 μm	C1=226接口/三脚架 226/Spear	V=氟橡胶Viton	
20=20"	0022=0.22 μm	C2=226接口/垫片 226/Fin	S=硅橡胶Silicone	
30=30"	0045=0.45 μm	C3=222接口/三脚架 222/Spear	E=乙丙橡胶EPDM	
40=40"	0100=1 μm	C4=222接口/垫片 222/Fin		
	0200=2 μm	C5=226接口/平封 222/Flat		
	0500=5 μm	C6=226接口/平封 226/Flat		
	1000=10 μm	C7=226不锈钢冲/三脚架 226/SS/Spear		
	2000=20 μm	C8=222不锈钢冲/三脚架 222/SS/Spear		
		C9=两端通 DOE		