

Inborn FilterTM

INDUSTRIAL WATER FILTER CARTRIDGES

MANUFACTURE, CUSTOM & DESIGN





Inborn FilterTM
HYDRAULIC FILTER

Industrial Water Filter Cartridges

Manufacture, Custom & Design

About

Yinbeier & Inborn FilterTM

Yinbeier manufactures a complete line of **replacement filter element** for industrial production



Hengshui Yinbeier Hydraulic Filter Co., Ltd. established in 2003 and began with producing and researching hydraulic filter elements. During years of researching and development, we have grown into a professional company, which is specialized in manufacturing, designing and customizing industrial filter element for customers from all over the world.

We have more than 10 production lines which cover hydraulic oil, air dust, water, compressed air, fuel and coolants industrial filter elements.

We brought in more than 200 sophisticated equipment and the annual output is more than 100 millions filter elements, which can satisfy the large and urgent orders of our customers.

We have more than 500 workers until now. And the company regularly organize training and assessment to ensure that all staff are in the best condition and can get the latest technology and skills.



23+

23 Years Experience



1.48 M

1.48 M Registered Capital



3000+

3000+ filter elements



500+

500+ workers



1000+

1000+ square meters
workshop



10+

10+ R&D Staffs



800+

800+ Design &
Custom Records



200+

200+ Customer
Countries & Regions



20,000+

20,000+ Annual Output

Company History

Present

Formed a professional foreign trade team, established a special foreign trade brand.

Products are exported to Kazakhstan, the United States, Indonesia and other countries

2017

Special Contributions

2015

Passed ISO 9001 and CE certification

2012

Build "Inborn FilterTM" Brand

2011

Local well-known companies

2009

Member of Anti-Counterfeiting Association

2005

Determined company development and product marketing directions

2003

Establishment



Industrial Water Filter Cartridges

Outstanding Dirt Holding Capacity for Industrial Waters

We can supply various industrial water filter cartridges for industrial water filtration. They have different structures and filtration precision to be used in specific applications, including industrial pre-filtration or RO system, solvent, chemical industry, oil industry, electronic and power industry. They can effectively remove particles and contaminants and purify the industrial waters.



1 High Flow Filter Cartridge

High flow water filter cartridges have multi-layer, fiber-based media to provide high efficiency removal at low micron rating. The featured larger diameter pleated design offers extremely high surface area, allowing for outstanding dirt holding capacity at high flow rates. This can also reduce the quantity of required cartridges, thus reducing the total associated costs.



Replacement Filter Elements



Yinbeier manufactures a complete line of replacement filter element for industrial waters, our Inborn FilterTM are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

■ Manufacturer # □ Yinbeier #

	PFTM1-20U-HFJU	PFTM1-40U-HFH13	PFTM1-40U-HFH13U	PFTM1-40U-HFH	PFTM1-40U-HFHU	PFTM1-40U-HFJ	PFTM1-40U-HFJU
	KUGN2-53F-SUQF	KUGN2-63F-SUS27	KUGN2-63F-SUS27F	KUGN2-63F-SUS	KUGN2-63F-SUSF	KUGN2-63F-SUQ	KUGN2-63F-SUQF
	PFTM1-60U-HFH13	PFTM1-60U-HFH13U	PFTM1-60U-HFH	PFTM1-60U-HFHU	PFTM1-60U-HFJ	PFTM1-60U-HFJU	PFTM3-20U-HFH13
	KUGN2-03F-SUS27	KUGN2-03F-SUS27F	KUGN2-03F-SUS	KUGN2-03F-SUSF	KUGN2-03F-SUQ	KUGN2-03F-SUQF	KUGN7-53F-SUS27
	PFTM3-20U-HFH13U	PFTM3-20U-HFH	PFTM3-20U-HFHU	PFTM3-20U-HFJ	PFTM3-20U-HFJU	PFTM3-40U-HFH13	PFTM3-40U-HFH13U
	KUGN7-53F-SUS27F	KUGN7-53F-SUS	KUGN7-53F-SUSF	KUGN7-53F-SUQ	KUGN7-53F-SUQF	KUGN7-63F-SUS27	KUGN7-63F-SUS27F
	PFTM3-40U-HFH	PFTM3-40U-HFHU	PFTM3-40U-HFJ	PFTM3-40U-HFJU	PFTM3-60U-HFH13	PFTM3-60U-HFH13U	PFTM3-60U-HFH
	KUGN7-63F-SUS	KUGN7-63F-SUSF	KUGN7-63F-SUQ	KUGN7-63F-SUQF	KUGN7-03F-SUS27	KUGN7-03F-SUS27F	KUGN7-03F-SUS
	PFTM3-60U-HFHU	PFTM3-60U-HFJ	PFTM3-60U-HFJU	PFTM5-20U-HFH13	PFTM5-20U-HFH13U	PFTM5-20U-HFH	PFTM5-20U-HFHU
	KUGN7-03F-SUSF	KUGN7-03F-SUQ	KUGN7-03F-SUQF	KUGN8-53F-SUS27	KUGN8-53F-SUS27F	KUGN8-53F-SUS	KUGN8-53F-SUSF
	HFU620UY200H4	HFU640UY200H4	HFU660UY200H4	HFU640GF020H	HFU640GF100H1	HFU640GFK100H13	HFU620UY200H4W
	SUF053FB533S6	SUF063FB533S6	SUF003FB533S6	SUF063TU353S	SUF063TU233S2	SUF063TUP233S27	SUF053FB533S6D
	HFU640UY200H4W	HFU660UY200H4W	HFU640GF020H1	HFU640GF100H13	HFU640GFK100H13W	HFU620UY200HW	...
	SUF063FB533S6D	SUF003FB533S6D	SUF063TU353S2	SUF063TU233S27	SUF063TUP233S27D	SUF053FB533SD	...
	HF40PP001A01	HF40PP001B01	HF40PP001C01	HF40PP001D01	HF40PP002A01	HF40PP002B01	HF40PP002C01
	SU63KK332Z32	SU63KK332Y32	SU63KK332X32	SU63KK332W32	SU63KK335Z32	SU63KK335Y32	SU63KK335X32
	HF40PP002D01	HF40PP005A01	HF40PP005B01	HF40PP005C01	HF40PP005D01	HF40PP010A01	HF40PP010B01
	SU63KK335W32	SU63KK338Z32	SU63KK338Y32	SU63KK338X32	SU63KK338W32	SU63KK323Z32	SU63KK323Y32
	HF40PP010C01	HF40PP010D01	HF40PP015A01	HF40PP015B01	HF40PP015C01	HF40PP015D01	HF40PP025A01
	SU63KK323X32	SU63KK323W32	SU63KK328Z32	SU63KK328Y32	SU63KK328X32	SU63KK328W32	SU63KK358Z32
	HF40PP025B01	HF40PP025C01	HF40PP025D01	HF40PP040A01	HF40PP040B01	HF40PP040C01	HF40PP040D01
	SU63KK358Y32	SU63KK358X32	SU63KK358W32	SU63KK363Z32	SU63KK363Y32	SU63KK363X32	SU63KK363W32
	HF40PP070A01	HF40PP070B01	HF40PP070C01	HF40PP070D01	HF60PP001A01	HF60PP001B01	...
SU63KK343Z32	SU63KK343Y32	SU63KK343X32	SU63KK343W32	SU03KK332Z32	SU03KK332Y32	...	
	EHF620PP05E	EHF620PP10E	EHF620PP20E	EHF620PP30E	EHF620PP50E	EHF620PP70E	EHF620PP100E
	VSU053KK38V	VSU053KK23V	VSU053KK53V	VSU053KK73V	VSU053KK83V	VSU053KK43V	VSU053KK233V
	EHF620PP200E	EHF620PP400E	EHF640PP05E	EHF640PP10E	EHF640PP20E	EHF640PP30E	EHF640PP50E
	VSU053KK533V	VSU053KK633V	VSU063KK38V	VSU063KK23V	VSU063KK53V	VSU063KK73V	VSU063KK83V
	EHF640PP70E	EHF640PP100E	EHF640PP200E	EHF640PP400E	EHF660PP05E	EHF660PP10E	...
	VSU063KK43V	VSU063KK233V	VSU063KK533V	VSU063KK633V	VSU003KK38V	VSU003KK23V	...
	RFP010-40NPX-L	RFP050-40NPX-L	RFP100-40NPX-L	RFP500-40NPX-L	RFP1000-40NPX-L	RFP010-40	RFP050-40
	IUK323-63MKC-O	IUK383-63MKC-O	IUK233-63MKC-O	IUK833-63MKC-O	IUK2333-63MKC-O	IUK323-63	IUK383-63
	RFP100-40	RFP500-40	RFP1000-40				
	IUK233-63	IUK833-63	IUK2333-63				
	RHF010EHD	RHF020EHD	RHF030EHD	RHF050EHD	RHF100EHD	RHF200EHD	
	ISU323VSW	ISU353VSW	ISU373VSW	ISU383VSW	ISU233VSW	ISU533VSW	



2 Other Water Filter Elements



Apart from the replacement high flow water filter cartridges, we can design industrial filter elements for specific applications. You can browse the following product comparison or [submit the inquiry form](#) [p32] directly.



	String Wound Filter Cartridge	PP Melt-Blown Filter Cartridge	Microporous folding Filter Cartridge	SS Pleated Filter Element
Material	Textile fabric string (polypropylene fiber, absorbent cotton, glass fiber)	Polypropylene fibers	PP/PTFE/PES/PVDF/Nylon 6	Stainless steel wires
Construction	Precisely winding onto the multi-hole axles	Thermally self-bonded micro-fiber construction	PP fiber membrane, NL, PES, PTEF, PVDF, and non-woven (screen) support layers folded	Stainless steel wire cloth strands woven in various mesh patterns to form absolute as well as nominal filtration ratings
Precision filtration	1–100 micron	1–100 micron	PP: 0.1/0.2/0.45/0.65/0.8/1/2/3/5/10/20/25/30/50/60 micron PTFE: 0.2/0.45 micron Nylon: 6: 0.2/0.45/0.65/1 micron PES: 0.1/0.2/0.45/0.65 micron PVDF: 0.2/0.45 micron	5–840 micron
Length	5/10/20/30/40/50 inch	5/10/20/30/40/50 inch	5/10/20/30/40 inch	10/20/30/40 inch
Feature	<ul style="list-style-type: none"> • More stable function than PP melt-blown filter • Low pressure drop, high dirt holding capacity • Non-poisonous and odorless • Non fiber releasing • No secondary pollution • Wide chemical compatibility • Fits all standard housing 	<ul style="list-style-type: none"> • Designed for purification and good for food contact • Graded pore structure enhances dirt holding capacity • No fiber releasing and media migration • Wide chemical compatibility • High contaminant holding capacity 	<ul style="list-style-type: none"> • Rating from 0.1 to 60 micron, superior to other types • Unique low differential pressure • High flow volume • Wide chemical compatibility • Higher dirt holding capacity 	<ul style="list-style-type: none"> • Low initial pressure drop • Reusable after cleaning and regenerating • No changes of the pore size and shape in sintering process • High thermostability and corrosion resistance • Metal fiber felt porosity is much more higher than wire mesh
Application	<ul style="list-style-type: none"> • Industrial pre-filtration or RO system • Solvent, chemical industry • Oil industry • Drinking water treatment • Electronic and power industry • Food and beverage 	<ul style="list-style-type: none"> • Pre-treatment of drinking water system • Oil removal industry • Food and beverages • Pharmacy industry • Pre-treatment of industrial DI&RO system • Low viscosity fluids 	<ul style="list-style-type: none"> • RO reverse osmosis water system prefiltration and deionized water system in electronic industry • Mineral water, beer and beverage filtration • Pharmaceuticals, biologicals, serum products in pharmaceutical industry 	<ul style="list-style-type: none"> • High temperature, strong solvents and high pressure conditions • High-Temperature, Applications 500 °F (260 °C) • Corrosive Fluid Applications • Cleanable Filter Elements (Either by backflushing, ultrasonic or nonabrasive cleaning techniques)
Outer diameter	Slim: 60–62 mm Jumbo: 110–115 mm	60–62 mm	68 mm	–
Inner diameter	28/30 mm	28/30 mm	28 mm	–
End Cap	Doe, 222/fin, 222/flat, 226/fin, 226/flat	222/fin, 226/fin	Doe, 222/fin, 222/flat, 226/fin, 226/flat	DOE, 222, 226 or 1" NPT
Style	–	Groove/light-groove/points/flat	–	–
Seal material	EPDM, Silicone, Viton	–	Silicon/EPDM/NBR/Viton/Teflon	Buna, Viton or Teflon Seals
Max. Differential pressure	2 kgf/cm ²	3 kgf/cm ²	0.42 MPa at 25 °C	–
Max. pressure	4 kgf/cm ²	5 kgf/cm ²	–	–
Operating differential pressure	0.1 kgf/cm ²	0.1 kgf/cm ²	–	–
Max. Operating temperature	PP with PP core: 60 °C PP with SS core: 100 °C Absorbent cotton with SS core: 120 °C Glass fiber with SS core: 180–300 °C	80 °C	PP: 88 °C at 0.28 MPa and 60 °C at 0.42 MPa PTFE: 142 °C at 0.276 MPa Nylon 6: 49 °C at 0.21 MPa PES: 140 °C at 0.28 MPa PVDF: 80 °C at 0.173 MPa	260 °C



Inborn FilterTM
HYDRAULIC FILTER

Manufacture & OEM

Hengshui Yinbeier Hydraulic Filter Co., Ltd. manufactures a complete line of industrial filter elements which are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements. Main brands are as follows:





Custom A Filter

Our part number list is continuously update, if you can't not find you want, just submit the following forms and deliver to us via E-mail, our professional sales will reply you as soon as possible. You will get both the accurate prices and delivery.

Part number you were looking for not found?



An asterisk (*) indicates a required field

Name*

Company Name

Phone*

E-mail*

Part numbe*

Any other available information

(such as quantity needed, requirements, etc.)

Inborn Filter™ laser equipment accurately marks your logo, phone number, website, part number or QR code, producing a spectacular presentation. so your customer will return to you for replacement elements.

Inborn Filter™ offers a variety of plating options, To meet the product different materials and your different needs.

**We can mark on: Stainless steel,
Aluminum, Plated*, Plastic**



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HYDRAULIC FILTER

Add:

Jingxian County, Hengshui City, Hebei Province, China.

Tel:

+86-19831882282

Web:

www.umfilter.com

E-mail:

info@umfilter.com



Design A Water Filter Cartridges

Apart from the replacement high flow water filter cartridges, we can design industrial filter elements for specific applications. You can browse the following product comparison or submit the inquiry form directly.

Submit the following forms and let us know your current situations and problems for our design and recommendation.



An asterisk (*) indicates a required field

Name*

Company Name

Phone*

E-mail*

**Using condition/
environment***

**Filter element
materials***

Filtration fineness*

**Cartridge/element
sizes***

Marks

Current Problems

Inborn Filter™ laser equipment accurately marks your logo, phone number, website, part number or QR code, producing a spectacular presentation. so your customer will return to you for replacement elements.

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Other

Requirements



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No. 29 Jiangheliu Industrial Zone,
Jingxian County, Hengshui City,
Hebei Province, China.

info@umfilter.com
www.umfilter.com

MANUFACTURE, CUSTOM & DESIGN

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