Applications


Automotive


Pharmacy


Petrifaction

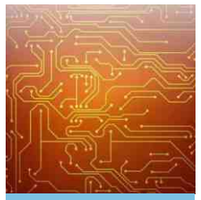

Chemistry


Resin/Ink


Lacquer


Beverage


Water Treatment


Electronics


Metal part cleaning

ZHENXING

TianTai Zhenxing Filtech Co., Ltd

Headoffice & Factory Plant
No.51 - Huaqian Road - Pingqiao Huaqian Industry Zone -Tiantai City - Zhejiang Province - China
Contact： Hunter Ge
Tel：+86 189 5850 9819
Fax：+86 576 8366 1619
E-mail: hunter@zhenxingfiltech.com

Guang Dong Office
Room 810 - Shangdu Commercial Square - South Fenghuang Road - Xiangzhou Area -
Zhuhai City - Guangdong Province - China
Tel： +86 0756 2117619
Fax： +86 0756 2117619
Mobile：+86 1332 2867 619
Contact： Mr. Ge
Website: www.zhenxingfiltech.com

European Sales Office
Vasagatan 35 - 41137 Gothenburg - Sweden
Tel: +46 31 788 0716
E-mail: info@jpsgroup.se

Filtration Purification Separation

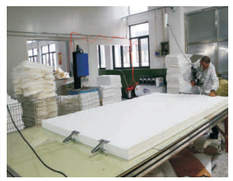
ZHENXING

Filter Bags & Filter Cartridges

We are experts in designing and manufacturing:
Filter cartridges
Liquid and Air Filter Bags
Filter media
Filter systems

TianTai Zhenxing Filtech Co,. Ltd

COMPANY PROFILE



Established In 1989 Zhenxing Filtech Co,. Ltd became an international well-known manufacturer of filter media and filter system for Air, Liquid and Gas Filtration and separation.

We have Non-woven felt production line, Woven steel mesh production line, Filter cartridge production line and Filter housing production line. We have invested in advanced test and analysis machines so we can offer our clients innovative and the best solutions. In cooperation with our clients we design and manufacture the filtration systems based on the clients design and requests. We want to create a long term relatiosnship with our customers and that is why we continually invest in the latest technology to meet the clients growing demand. Our manufacturing plant is located in Tiantai City, Zhejiang province approx. 3 hours from Shanghai and we have an European Sales Office so we can follow up projects locally in Europe. We invest in beeing a trusted and reliable partner within the air & liquid filtration industry.

We have a 2000m^2 dust free production plant and we are ISO9001 certified with quality control systems in place to make sure the products and material we produce lives up to our clients high standards. All material is RoHS & REACH certified.

ISO

Free of silicone oil

RoHS

REACH

Food contact

CONTENT

ZX PP Filter bag (PP)

The ZX PP filter bag is made of polypropylene fiber filter cloth. It is of high filtration accuracy and is produced by singe, calendaring or membrane cove collar.
All abutting edges are welded ensuring no side leakage
It can be equipped with double layer structure or internal folding structure, which can effectively expand the filtration area and efficiently increase the dirt-retention capacity
PP filter bag has high performance price ratio and is suitable for medium and low viscosity liquid filtration

Specification

Strong acid and alkali resistance and wide chemical compatibility
A tight structure that produced by singe, calendaring or membrane cove collar
All abutting edges are welded ensuring no side leakage
The edges are tightly sewn with five wire ensuring no side leakage
Depth filtration with good dirt-retention capacity
Multilayer or folded structure is more efficient than monolayer

Construction

Product material:	Polypropylene(PP)
Adapter material:	Plastic ring, stainless steel ring, galvanized steel ring
Specification size:	See dimension parameter table

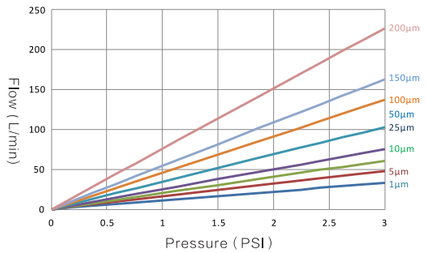
Produce technology

Seamless technology:	Full seam welding, full welding, side welding + ring seam, side seam + ring welding
Collar:	Plastic thermal welding, steel wire
Bottom styles:	V bottom, U bottom and cylindrical bottom

Performance:

PH range:	1-13
Filtering accuracy:	1μm-200μm
Working temperature:	≤90℃
Pressure resistance:	≤0.5Mpa@20℃, ≤0.4Mpa@90℃

Pressure VS flow



Size

Filter size	Diameter (mm)	Length (mm)	Filtration accuracy (μ m)	Maximum flow rate (m^3/h)	Filtration area (m^2)	Volume (L)
ZX-PP-1	180	430	1,5,10,25,50, 100,150,200	20	0.25	8
ZX-PP-2	180	810		40	0.50	17
ZX-PP-3	105	230		6	0.09	1.3
ZX-PP-4	105	380		12	0.16	2.5
ZX-PP-5	152	550		18	0.20	3.8
Note: pressure difference and other factors affect the flow						

Application: Food and beverage, bioengineering and medicine, petrochemical and chemical industry, automobile manufacturing, oil and natural gas, electronic and electroplating, paint, ink.

Order information

	Size	Filtration accuracy	Adapter material	Seamless	Bottom styles
PP	1#= ϕ180*430 2#= ϕ180*810 3#= ϕ105*230 4#= ϕ105*380 5#= ϕ152*550	001=1μm 005=5μm 010=10μm 025=25μm 050=50μm 100=100μm 150=150μm 200=200μm	L= Stainless steel ring G=Galvanized steel ring P= Plastic ring	S=Sonic wave welding F=thermal welding X=Seam	A= U bottom B= V bottom C= Flat bottom D= Cylindrical bottom

ZX PE Filter bag(PE)

The ZX PE filter bag is made of polypropylene fiber filter cloth. It is of high filtration accuracy and is produced by single, calendaring or membrane covecollar.
All abutting edges are welded ensuring no side leakage.
It can be equipped with double layer structure or internal folding structure, which can effectively expand the filtration area and efficiently increase the dirt-retention capacity.
PP filter bag has high performance price ratio and is suitable for filtration of medium and low viscosity liquids.

Specification :

Acid resistant but not alkali, which is suitable for acid liquid filtration
A tight structure that produced by single, calendaring or membrane covecollar
All abutting edges are welded ensuring no side leakage
The edges are tightly sewn with five wire ensuring no side leakage
Depth filtration with good dirt-retention capacity
Multilayer or folded structure is more efficient than monolayer

Construction

Product material:	Polyester (PE)
Adapter material:	Plastic ring, stainless steel ring, galvanized steel ring
Specification size:	See dimension parameter table

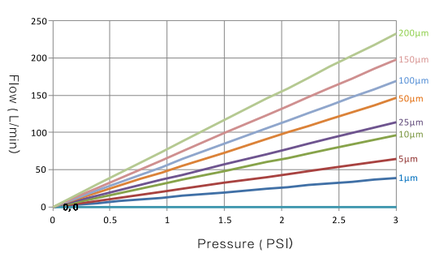
Production Technology

Seamless technology:	Full seam welding, full welding, side welding + ring seam, side seam + ring welding
Collar:	Plastic thermal welding, steel wire
Bottom styles:	V bottom, U bottom, flat bottom and cylindrical bottom

Performance

PH range:	1-10
Filtering accuracy:	0.5μm-300μm
Working temperature:	≤120℃
Pressure resistance:	≤0.5Mpa@20℃, ≤0.4Mpa@120℃

Pressure VS flow



Size

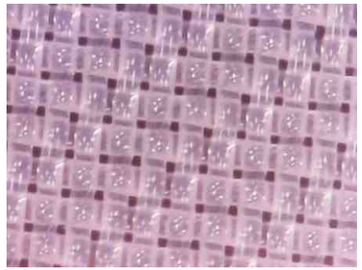
Filter size	Diameter (mm)	Length (mm)	Filtration accuracy (μ m)	Maximum flow rate (m^3/h)	Filtration area (m^2)	Volume (L)
ZX-PE-1	180	430	0.5,1,5,10,25,50, 100,150,200,300	20	0.25	8
ZX-PE-2	180	810		40	0.50	17
ZX-PE-3	105	230		6	0.09	1.3
ZX-PE-4	105	380		12	0.16	2.5
ZX-PE-5	152	550		18	0.20	3.8
Note: pressure difference and other factors affect the flow						

Application: Food and beverage, bioengineering and medicine, petrochemical and chemical industry, automobile manufacturing, oil and natural gas, electronic and electroplating, paint, ink.

Order information

	Size	Filtration accuracy	Adapter material	Seamless	Bottom styles
PE	1#=φ180*430 2#=φ180*810 3#=φ105*230 4#=φ105*380 5#=φ152*550	05=0.5μm 001=1μm 005=5μm 010=10μm 025=25μm 050=50μm 100=100μm 150=150μm 200=200μm 300=300μm	L= Stainless steel ring G= Galvanized steel ring P= Plastic ring	S= Sonic wave welding F= Thermal welding X= Seam	A= U bottom B= V bottom C= Flat bottom D= Cylindrical bottom

ZX Rosin filter bag（NMO）



The Absolute accuracy filter bag is made of high quality nylon mesh. And its pore size is fixed. The structure is effective for filtering various particles impurities. The nylon material is of high temperature resistance and is not easy to deform
The unique edge wrap or non-woven fabric technology is used to prevent the needle-eye leakage. The impurities are directly intercepted on the surface and the smooth surface is also easy to clean and can be used repeatedly
The filter bag is of high flow rate that is suitable for low accuracy filtration

Specification
Alkali and acid resistance, is suitable for alkali and acidic liquids filtration
Fixed pore size with absolute filtering accuracy
The edges are tightly sewn with five wire ensuring no side leakage

Construction
Product material: Nylon mesh, polyester mesh
Adapter material: Plastic ring, stainless steel ring, galvanized steel ring
Specification size: See dimension parameter table

Technology
Seamless technology: Full seam welding, side seam + ring welding
Collar: Plastic thermal welding, steel wire
Bottom styles: U bottom, cylindrical bottom

Performance
PH range: 1-14
Filtering accuracy: 8μm-2000μm
Working temperature: ≤160℃
Pressure resistance: ≤1Mpa@20℃, ≤0.5Mpa@160℃

Size

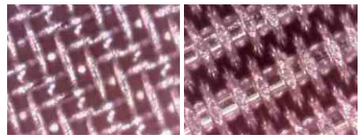
Filter size	Diameter (mm)	Length (mm)	Filtration accuracy (μ m)	Maximum flow rate (m^3/h)	Filtration area (m^2)	Volume (L)
ZX-NMO-1	180	420	8-2000	20	0.25	8
ZX-NMO-2	180	810		40	0.50	17
ZX-NMO-3	105	230		6	0.09	1.3
ZX-NMO-4	105	380		12	0.16	2.5
ZX-NMO-5	152	550		18	0.20	3.8
Note: pressure difference and other factors affect the flow						

Application: Food and beverage, bioengineering and medicine, petrochemical and chemical industry, automobile manufacturing, oil and natural gas, electronic and electroplating, paint, ink.

Order information

	Size	Filtration accuracy	Adapter material	Seamless	Bottom styles
NMO	1#=φ180*430 2#=φ180*810 3#=φ105*230 4#=φ105*380 5#=φ152*550	010=10μm 020=20μm 030=30μm … … 600=600μm	L= Stainless steel ring G= Galvanized steel ring P= Plastic ring	S= Sonic wave welding F= Thermal welding X= Seam	A= U bottom D= Cylindrical bottom

ZX Stainless steel filter bag(SUS)



The ZX stainless steel filter bag is made of 304/316 stainless steel mesh. Compared with the traditional five wire wrapping, its temperature and pressure resistance is better. It is easy to clean and can be repeatedly used. It is suitable for filtering liquids with high impurity content, thus reducing the cost of filtration.

Specification
Strong acid & alkali resistance and good chemical compatibility
High mechanical strength that not easy to tear
Seamless joint technology with full welding ensuring no side leakage
Good dirt-retention capacity and high flow rate
Absolute filtration efficiency
Can be repeatedly used that reduce the filtration cost

Construction
Product material: 304/316 stainless steel
Adapter material: Stainless steel ring, galvanized steel ring
Specification size: See dimension parameter table

Technology
Seamless technology: Full welding
Collar : Welded steel ring
Bottom styles: V bottom, U bottom, flat bottom and cylindrical bottom

Performance
PH range: 1-13
Filtering accuracy: 22.5μm-2000μm
Working temperature: ≤300℃
Pressure resistance: ≤1Mpa@20℃, ≤1Mpa@300℃

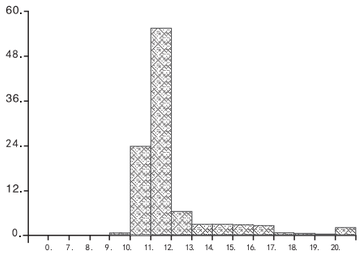
Size

Filter size	Diameter (mm)	Length (mm)	Filtration accuracy (μ m)	Maximum flow rate (m^3/h)	Filtration area (m^2)	Volume (L)
ZX-SUS-1	180	420	22.5-2000	20	0.25	8
ZX-SUS-2	180	810		40	0.50	17
ZX-SUS-3	105	230		6	0.09	1.3
ZX-SUS-4	105	380		12	0.16	2.5
ZX-SUS-5	152	550		18	0.20	3.8
Note: pressure difference and other factors affect the flow						

Application: Food and beverage; bioengineering and medicine; petrochemical and chemical industry; automobile manufacturing; oil and natural gas; electronic and electroplating; paint, ink...

Order information

	Size	Filtration accuracy	Adapter material	Seamless	Bottom styles
SUS	1#=φ180*430 2#=φ180*810 3#=φ105*230 4#=φ105*380 5#=φ152*550	020=20mesh 030=30mesh 040=40mesh … … 600=600mesh	L= Stainless steel ring G= Galvanized steel ring	S= Welding	A= U bottom B= V bottom C= Flat bottom D= Cylindrical bottom



ZX Absolute Micron filter bag(XP)

The ZX filter bag is made of high quality nylon mesh. And its pore size is fixed. The structure is effective for filtering various particles impurities. The nylon material is of high temperature resistance and is not easy to deform

The unique edge wrap or non-woven fabric technology is used to prevent the needle-eye leakage. The impurities are directly intercepted on the surface and the smooth surface is also easy to clean and can be used repeatedly

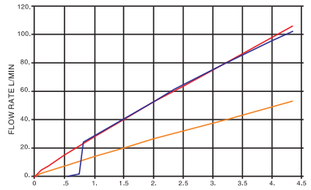
The filter bag is of high flow rate that is suitable for low accuracy filtration

Specification

Strong acid & alkali resistance and good chemical compatibility
Can quickly adsorb 25 times heavier than itself
Dual utility for oil absorption and impurity interception
Multi-layer filtration and long service life

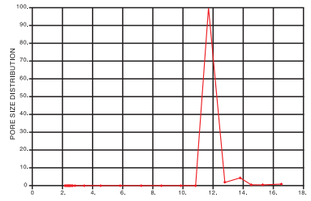
Construction

Product material:
Polypropylene(PP)
Adapter material:
Plastic ring, stainless steel ring, galvanized steel ring
Specification size:
See dimension parameter table



Technology

Seamless technology:
Full seam welding, side seam + ring welding.
Collar:
Plastic thermal welding, steel wire
Bottom styles: U bottom



Performance

PH range: 1-13
Filtering accuracy: 1μm-50μm
Working temperature: ≤90℃
Pressure resistance: ≤0.4Mpa@20℃,
≤0.3Mpa@90℃

Size

Filter size	Diameter (mm)	Length (mm)	Filtration accuracy (μ m)	Maximum flow rate (m^3/h)	Filtration area (m^2)	Volume (L)
ZX-XP-1	180	420	1,3, 5,10,15, 25,50	20	0.25	8
ZX-XP-2	180	810		40	0.50	17
ZX-XP-3	105	230		6	0.09	1.3
ZX-XP-4	105	380		12	0.16	2.5
ZX-XP-5	152	550		18	0.20	3.8
Note: pressure difference and other factors affect the flow						

Application: Automobile electrophoresis painting, biomedicine, Micronelectronics, fine chemical industry, high quality lubricating oil and so on.

Order information

	Size	Filtration accuracy	Adapter material	Seamless	Bottom styles
XP	1#=φ180*430 2#=φ180*810 3#=φ105*230 4#=φ105*380 5#=φ152*550	001=1μm 003=3μm 005=5μm 010=10μm 015=15μm 025=25μm 050=50μm	L= Stainless steel ring G=Galvanized steel ring P= Plastic ring	X= Seam	A= U bottom

ZX OEM filter bag

The ZX custom filter bags can be made according to the material, size, Micron and style, providing more choices for customers in different fields.

Specification

Good chemical compatibility with diverse materials
All raw materials reach food-grade standard.
Strictly controlled produce without side leakage.
Customized personalization to meet different needs.

Construction

Product material: Polypropylene, polyester, nylon, polytetrafluoroethylene, 304/316 stainless steel
Adapter material: Plastic rings, stainless steel rings, galvanized steel rings, polyester ropes, etc.
Specification size: Customize on demand

Technology

Seamless technology: Full seam welding, full welding, side welding + ring seam, side seam + ring welding.
Collar: Plastic thermal welding, steel wire
Bottom styles: V bottom, U bottom, flat bottom and cylindrical bottom

Performance

PH range: On the basis of material
Filtering accuracy: 0.5μm-2000μm

Application: Food and beverage, bioengineering and medicine, petrochemical and chemical industry, automobile manufacturing, oil and natural gas, electronic and electroplating, paint, ink.

Order information

	Filtration accuracy	Adapter material	Seamless	Bottom styles
OEM	05=0.5μm 001=1μm 005=5μm 025=25μm …… 2000=2000μm	L= Stainless steel ring G= Galvanized steel ring P= Plastic ring S= Polyester rope	S= Sonic wave welding F= Thermal welding X= Seam	A= U bottom B= V bottom C= Flat bottom D= Cylindrical bottom

High flow filter cartridge (ZXM)

The diameter of ZXM large flow foldable filter core is 6.5in/165mm. The polypropylene membrane is used and the transverse folding technology is adopted to increase the filter area. The high flow rate makes it possible to reduce the filter amount, which greatly saves the cost of equipment input and labor cost.

Specification

Large filter area with transverse folding process
High flow rate and good dirt-retention capacity
Good chemical compatibility for various liquid filtration.
A wide range of fine filters for different industries

Technical specifications

Product size:	Outer diameter: φ165mm
Length:	20", 40", 60"

Construction materials

Filter media:	Polypropylene
Outer cage/end caps/inner core:	Polypropylene
Sealing material:	Silicone rubber, Ethylene propylene rubber, Acrylonitrile-butadiene rubber, Fluorine rubber, Teflon rubber, Teflon Fluorine rubber

Working condition

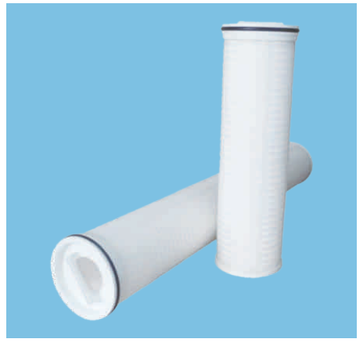
Max. operating temperature:	80℃
Max. operating differential pressure:	0.3Mpa/25℃

Application

Pre-filtration of seawater desalination
Condensate water filtration in power plan
Biopharmaceutical products filtration
Food & beverage filtration
Liquid filtration of paint and petrochemical

Order information

	Micron	Filter Materials	Length	Sealing material
ZXM	Micron 05=0.5μm 001=1μm 003=3μm 005=5μm 010=10μm 020=20μm 040=40μm 070=70μm 100=100μm	PP=Polypropylene	20=20in 40=40in 60=60in	S= Silicone rubber E= Ethylene propylene rubber N= Acrylonitrile-butadiene rubber V= Fluorine rubber T= Teflon rubber F= Teflon Fluorine rubber



High flow filter cartridge (ZXPL)

The folded filter diameter is of 6.5in/165mm. The polypropylene or glass fiber membrane is used for external to internal liquid flow. The large outer diameter design effectively increase the filtration area. In the application of the same flow, the number and size of the filter can be greatly reduced, thus the production cost is greatly saved.

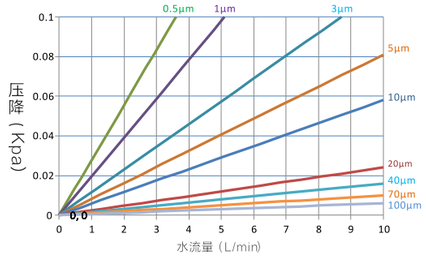
Specification

Pleated depth filtration with maximum filtration area
High flow rate and good dirt-retention capacity
Good chemical compatibility for various liquid filtration
A wide range of fine filters for different industries

Technical specifications

Product size:	Outer diameter: φ165mm
Length:	20", 40", 60"
Construction materials: Filter media:	Polypropylene/glass fiber
Outer cage/end caps/inner core:	Polypropylene
Sealing material:	Silicone rubber, Ethylene propylene rubber, Acrylonitrile-butadiene rubber, Fluorine rubber, Teflon rubber, Teflon Fluorine rubber
Max. operating temperature:	80℃
Max. operating differential pressure:	0.3Mpa/25℃

Pressure VS flow



Application

Pre-filtration of seawater desalination
Condensate water filtration in power plant
Biopharmaceutical products filtration
Food & beverage filtration
Liquid filtration of paint and petrochemical
Filtration of production water supply

Order information

	Micron	Filter Materials	Length	Sealing material
ZXPL	05=0.5μm 001=1μm 003=3μm 005=5μm 010=10μm 020=20μm 040=40μm 070=70μm 100=100μm	GF= Glass fiber PP= Polypropylene	20=20in 40=40in 60=60in	S= Silicone rubber E= Ethylene propylene rubber N= Acrylonitrile-butadiene rubber V= Fluorine rubber T= Teflon rubber F= Teflon Fluorine rubber

High flow filter cartridge (ZXPK)

The ZXPK folded filter cartridge can effectively replace deep and other internal diameter 2-1/2 cartridge in high flow situations. The flow rate can reach 1300L/min that effectively reduces the cartridge amount and save the cost.

Specification

Pleated depth filtration with maximum filtration area
High flow rate and good dirt-retention capacity
Good chemical compatibility for various liquid filtration.
A wide range of fine filters for different industries
Easy to install and save the cost.

Technical specifications

Product size:	Outer diameter: φ152mm
Length:	40", 60"
Construction materials: Filter media:	Polypropylene/glass fiber
Support layers:	Polypropylene
Outer cage/end caps/inner core:	Reinforced polypropylene
Sealing material:	Silicone rubber, Ethylene propylene rubber, Acrylonitrile-butadiene rubber, Fluorine rubber, Teflon rubber, Teflon Fluorine rubber
Max. operating temperature:	80℃
Max. operating differential pressure:	0.35Mpa/80℃

Application

Pre-filtration of seawater desalination
Condensate water filtration in power plant
Biopharmaceutical products filtration
Food & beverage filtration
Liquid filtration of paint and petrochemical
Filtration of production water supply

Order information

	Micron	Filter materials	Length	Sealing material
ZXPK	001=1μm 0045=4.5μm 006=6μm 010=10μm 020=20μm 040=40μm 070=70μm 100=100μm	GF= Glass fiber PP= Polypropylene	20=20in 40=40in 60=60in	S= Silicone rubber E= Ethylene propylene rubber N= Acrylonitrile-butadiene rubber V= Fluorine rubber T= Teflon rubber F= Teflon Fluorine rubber

PP filter housing

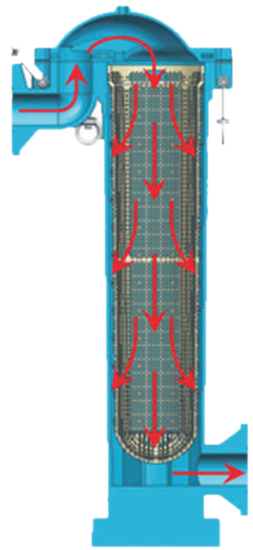
The PP plastic bag filter is made of 100% PP (polypropylene). With the excellent chemical properties, the plastic filter can filter many chemical acid and alkali solutions. The filter is a good quality, efficient and economical production.

Features:

Double standard design that can be filtered by filter bag or filter element
No dead angle and easy to clean
The patent leak proof design ensuring no leakage
A handle design that can easily replace the filter material
Do not use over temperature and over pressure

Specification:

Operation: Up inlet and bottom outlet, with special filter bag
Material: PP
Inlet and outlet: DN50 Flange
Flow: Depend on the micron
Micron: 0.5-100um
Temperature: Bag filter operation temperature (continue),
PP material 65°C, PPR material 90°C.



Filter housing

The bag filter housing is a multi-purpose equipment with novel structure, small size, simple and flexible operation, energy saving, close work and high efficiency. The filter bag supported by a metal basket can be repeatedly use after replacement or cleaning.
According to the number of filter bags, it can be divided into two types: single bag type and multi bag type.

Specification

Easy to install and convenient operation
High fine filtration for any particles or suspended solids.
Large filtration area that one filter bag is equal to 5-10 times of the same type
Widely used for coarse filter or fine filtration
Little resistance and high filtration efficiency.
Low investment cost, low filtration cost and long service life.

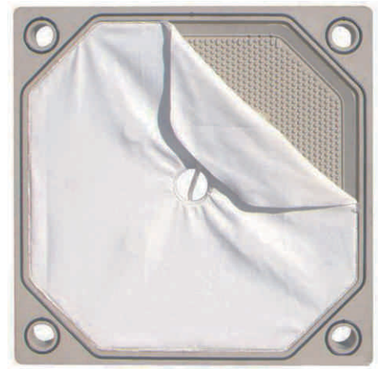
Technology

Pressure: 0.6MPa (greater than this value needs to be explained)
Temperature: 5°C-40°C (special temperature can be customized)
Sealing materials: Nitrile rubber, Fluorine rubber and Silicone rubber is the standard
Adapter: Flange, thread
Micron: 0.5-800um
Housing material: SUS304SUS316L
Flow rate: 1-360m3/h

Press Filter Cloth

The filter press is one part of an effective filtration system, and most components in the system should give years of satisfactory service. Filter cloths, the heart of the filter press, provide effective filtration for several years before needing replacement.

ZhenXing can assist you with proper fabric selection, (and slurry testing where necessary) to insure you have the best possible needle fabric and weave, with the proper fabric finishing operations and construction techniques for your application, as well as providing good particle retention, clear filtrate, high flow rates, and dry cakes.



Name	Polyester(PET)	Polyamide(PA)	Polypropylene(PP)	Polyvinyl Alcohol
Acid Resistance	Good	Weak	Fair	Not Acid Resistance
Alkaline Resistance	Weak Alkaline resistance	Fair	Good	Strong alkaline resistance
Breaking Extension(%)	30–40	18–45	>PET	12–25
Breaking Strength(g/d)	4.3–9	4.5–9.5	4.5–9	4–10
Soften Point(℃)	230–240	180	140–150	200
Melt Point(℃)	255–265	210–215	165–170	220
Specific Gravity	1.38	1.14	0.91	1.26–1.30
Heat Resistance	170℃	130℃Shrink a little	90℃ Shrink a little	100℃Shrink

Dust filter bag

Tiantai Zhenxing Factory manufactures a wide range of filter media and filter elements for all industrial applications.Zhenxing is capabie of providing solutions to suit customers specific operating conditions with custom designed filter media with speciallsed structures, and with application to cussed mechanical and/or chemical finishes.(For material selection and performance, please refer to page P13-P14)

Normal temperature felt filter materials

Polypropylene needled felt
Fiber: Polypropylene fiber
Cloth: Polypropylene
Weight (g/m2): 500
Thickness (mm): 2.0
Width (mm): ⩽2.2
Surface treatment: Singeing, calendaring
Air permeability (L/m2/s): 200-300
Busting strength (N/5*20cm):Weft: 1300 Warp: 1500
Busting elongation(%): Weft: 40 Warp: 50
Operation temperature (℃): Continue: 90 Instant: 110
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability
Polyester membrane needle felt

Fiber: Polyester staple fiber
Cloth: Polyester
Weight (g/m2): 500
Thickness (mm): 2.0
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping, PPTE membrane
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm): Weft: 1100 Warp: 1300.
Busting elongation(%): Weft: 20 Warp: 30
Operation temperature (℃): Continue: 130 instant: 150
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Polyester fiber needle felt
Fiber: Polyester staple fiber
Cloth: Polyester
Weight (g/m2): 500
Thickness (mm):1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm):
Weft: 1100 Warp: 1300.
Busting elongation(%): Weft: 20 Warp: 30
Operation temperature (℃): Continue: 130 instant: 150
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Antistatic polyester needle felt
Fiber: Polyester staple fiber, carbon fiber, copper fiber
Cloth: Polyester
Weight (g/m2): 500
Thickness (mm):1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm):
Weft: 1100 Warp: 1300.
Busting elongation(%): Weft: 20 Warp: 30
Operation temperature (℃): Continue: 130 instant: 150
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Polyester oil resistant and waterproof needle felt
Fiber: Polyester staple fiber
Cloth: Polyester
Weight (g/m2): 500
Thickness (mm):1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, PTFE dipping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm): Weft: 1100 Warp: 1300.
Busting elongation(%): Weft: 22 Warp: 36
Operation temperature (℃): Continue: 130 instant: 150
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Granular polyester needled felt
Fiber: Polypropylene staple fiber
Cloth: Polyester filament
Weight (g/m2): 500
Thickness (mm):1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm): Weft: 1300 Warp: 1500.
Busting elongation(%): Weft: 20 Warp: 30
Operation temperature (℃): Continue: 130 instant: 150
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Striped antistatic needle felt
Fiber: Polypropylene staple fiber
Cloth: Polyester staple fiber, electrostatic wire
Weight (g/m2): 500
Thickness (mm):1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm): Weft: 1100 Warp: 1300
Busting elongation(%): Weft: 15 Warp: 20
Operation temperature (℃): Continue: 130 instant: 150
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Acrylic needled felt
Fiber: Acrylic staple fiber
Cloth: Acrylic staple fiber
Weight (g/m2): 500
Thickness (mm):1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm):
Weft: 1100 Warp: 1300
Busting elongation(%): Weft: 20 Warp: 25
Operation temperature (℃): Continue: 140 instant: 160
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

High temperature felt filter materials

FMS felt
Fiber: Glass fiber, P84, Nomex
Cloth: Glass fiber
Weight (g/m2): 800
Thickness (mm): 2.2
Width (mm): ⩽ 2.2
Surface treatment: PTFE dipping, shaping
Air permeability (L/m2/s): 150-350
Busting strength (N/5*20cm): Weft: 1100 Warp: 1300
Busting elongation(%): Weft: 4 Warp: 5
Operation temperature (℃): Continue: 260 instant: 280
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

MTS felt
Fiber: Polyester staple fiber
Cloth: Glass fiber
Weight (g/m2): 650
Thickness (mm): 2.2
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 100-200
Busting strength (N/5*20cm): Weft: 2400 Warp: 2600
Busting elongation(%): Weft: 4 Warp: 5
Operation temperature (℃): Continue: 180 instant: 200
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Nomex felt
Fiber: Nomex fiber
Cloth: Nomex fiber
Weight (g/m2): 500
Thickness (mm): 1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm): Weft: 1000 Warp: 1100
Busting elongation(%): Weft: 20 Warp: 30
Operation temperature (℃): Continue: 204 instant: 240
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Basalt felt
Fiber: Basalt staple fiber
Cloth: Basalt staple fiber
Weight (g/m2): 900
Thickness (mm): 2.4
Width (mm): ⩽ 2.2
Surface treatment: PTFE dipping shaping
Air permeability (L/m2/s): 400
Busting strength (N/5*20cm): Weft: 2600 Warp: 2800
Busting elongation(%): Weft: 10 Warp: 15
Operation temperature (℃): Continue: 500 instant: 650
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

P84 felt
Fiber: P84 staple fiber
Cloth: P84 staple fiber
Weight (g/m2): 500
Thickness (mm): 1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm): Weft: 900 Warp: 1200
Busting elongation(%): Weft: 35 Warp: 55
Operation temperature (℃): Continue: 260 instant: 280
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

PPS felt
Fiber: PPS staple fiber
Cloth: PPS staple fiber
Weight (g/m2): 500
Thickness (mm): 1.8
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, shaping
Air permeability (L/m2/s): 150-300
Busting strength (N/5*20cm): Weft: 1250 Warp: 1350
Busting elongation(%): Weft: 15 Warp: 20
Operation temperature (℃): Continue: 190 instant: 220
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

PTFE felt:
Fiber: PTFE staple fiber
Cloth: PTFE staple fiber
Weight (g/m2): 700
Thickness (mm): 1.0
Width (mm): ⩽ 2.2
Surface treatment: Singeing, calendaring, PTFE dipping
Air permeability (L/m2/s): 100-200
Busting strength (N/5*20cm): Weft: 1000 Warp: 1100
Busting elongation(%): Weft: 20 Warp: 50
Operation temperature (℃): Continue: 250 instant: 300
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability

Fiber glass felt
Fiber: Glass fiber staple fiber
Cloth: Glass fiber
Weight (g/m2): 800
Thickness (mm): 2.2
Width (mm): ⩽ 2.2
Surface treatment: PTFE dipping, shaping
Air permeability (L/m2/s): 200-350
Busting strength (N/5*20cm): Weft: 2400 Warp: 2600
Busting elongation(%): Weft: 4 Warp: 5
Operation temperature (℃): Continue: 240 instant: 260
Chemical features: Acid and alkali resistance, wear resistance and hydrolytic stability