

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 single, 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 single, 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

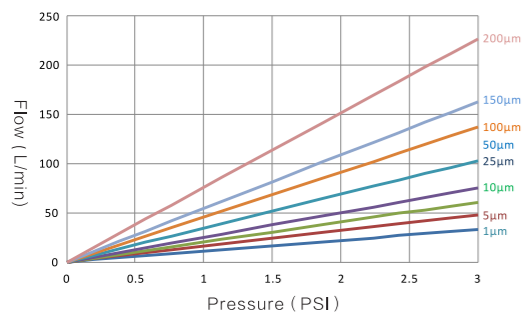
Seamless technology: Full seam welding, full welding, side welding + ring seam, side seam + ring welding

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°C
Pressure resistance: ≤0.5Mpa@20°C, ≤0.4Mpa@90°C

Pressure VS flow



Size

Filter size	Diameter (mm)	Length (mm)	Filtration accuracy (μm)	Maximum flow rate (m³/h)	Filtration area (m²)	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	001=1μm	L= Stainless steel ring	S=Sonic wave welding	A= U bottom
	2# = φ180*810	005=5μm	G=Galvanized steel ring	F=thermal welding	B= V bottom
	3# = φ105*230	010=10μm	P= Plastic ring	X=Seam	C= Flat bottom
	4# = φ105*380	025=25μm			D= Cylindrical bottom
	5# = φ152*550	050=50μm			

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 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 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 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: Polyester (PE)
Adapter material: Plastic ring, stainless steel ring, galvanized steel ring

Specification size: See dimension parameter table

Production Technology

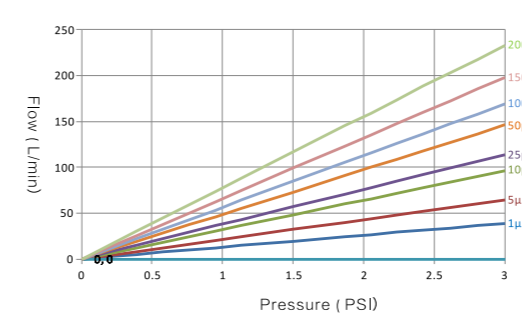
Seamless technology: Full seam welding, full welding, side welding + ring seam, side seam + ring welding

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°C
Pressure resistance: ≤0.5Mpa@20°C, ≤0.4Mpa@120°C

Pressure VS flow



Size

Filter size	Diameter (mm)	Length (mm)	Filtration accuracy (μm)	Maximum flow rate (m³/h)	Filtration area (m²)	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	05=0.5μm	L= Stainless steel ring	S= Sonic wave welding	A= U bottom
	2# = φ180*810	001=1μm	G= Galvanized steel ring	F= Thermal welding	B= V bottom
	3# = φ105*230	005=5μm	P= Plastic ring	X= Seam	C= Flat bottom
	4# = φ105*380	010=10μm			D= Cylindrical bottom
	5# = φ152*550	025=25μm			