

Filter Bags

PTFE membrane laminated Fiber-glass filter bag

Physical Properties:

Fiber : E-glass
Scrim: Fiberglass scrim
Weight:750, 550, 340(g/ m²)
Surface Treatment :
-PTFE membrane,
-PTFE Impregnate
Air permeability:30 (dm³/d m²/min@200 Pa)

Chemical Properties:

Acid Resistance: Excellent
Alkali Resistance: good
Hydrolysis Resistance: Excellent
Oxidization Resistance: Excellent
Abrasion Resistance : Excellent
Temperature Resistance:260-280 °C



Application:

Used for dust filtration in chemical industry, cement, black pigment, titanium dioxide, biomass boiler, etc.

Craft : PTFE Sewing

Ring Material :

- Carbon steel ring,
- Stainless steel ring

Structural shape : Air reverse filter bag,Pulse Jet filter bag.

Filter Bags

PTFE filter bag

Physical Properties:

Fiber :PTFE
Scrim: PTFE scrim
Weight:750 (g/ m²)
Thickness: 1.0 (mm)
Surface Treatment :Heat set
PTFE membrane, PTFE Impregnate
Air permeability: 30,100 (dm³/d m²/min@200Pa)

Chemical Properties:

Acid Resistance: Excellent
Alkali Resistance: Excellent
Hydrolysis Resistance: Excellent
Oxidization Resistance: Excellent
Abrasion Resistance : Excellent
Temperature Resistance:250-270 °C



Application:

Used for flue gas purification and material recovery from all kinds of waste incineration.

Craft : PTFE Sewing

Ring Material :Carbon steel ring, Stainless steel ring,Felt ring.

Structural shape : Air reverse filter bag, Pulse Jet filter bag.

Filter Bags

Aramid filter bag

Physical Properties:

Fiber : Aramid
Scrim: Aramid spun scrim, self supporting
Weight:500 (g/ m²)
Thickness: 2.6(mm)
Surface Treatment : Heat set, Singed on one side
Water & Oil repellent treatment , PTFE membrane,
PTFE Impregnate
Air permeability:180 (dm³/d m² /min@200Pa)

Chemical Properties:

Acid Resistance : Fair
Alkali Resistance: Good
Hydrolysis Resistance :Fair
Oxidization Resistance: Fair
Abrasion Resistance : Excellent
Temperature Resistance:190-210 °C



Application:

Mainly used in smelting, cement, asphalt, detergent, rubber, chemical, ceramic, cosmetics, tobacco, mining industry.

Craft : PTFE Sewing

Ring Material : Carbon steel ring,Stainless steel ring, Felt ring.

Structural shape : Air reverse filter bag, Pulse Jet filter bag.

Filter Bags

Polyimide filter bag

Physical Properties:

Fiber : Polyimide
Scrim: PTFE Filament scrim, self support
Weight:500 (g/ m²)
Thickness: 2.6(mm)
Surface Treatment : Heat set ,Singed on one side,
Water & Oil repellent treatment, PTFE membrane,
PTFE Impregnate
Air permeability:200 (dm³/d m²/min@200Pa)

Chemical Properties:

Acid Resistance : Good
Alkali Resistance: Fair
Hydrolysis Resistance :Fair
Oxidization Resistance: Good
Abrasion Resistance: Good
Temperature Resistance:240-260 °C

Application:

Mainly used in cement , iron and smelting industries.



Craft : PTFE Sewing

Ring Material : Carbon steel ring,Stainless steel ring, Felt ring.

Structural shape : Air reverse filter bag, Pulse Jet filter bag.

Filter Bags

PPS filter bag

Physical Properties:

Fiber : PPS
Scrim: PPS spun scrim、 self support
Weight:500 (g/ m²)
Thickness: 1.7(mm)
Surface Treatment : Heat set , Singed on one side,
Water & Oil repellent treatment ,PTFE membrane,
PTFE Impregnate
Air permeability:150 (dm³/d m²/min@200Pa)



Chemical Properties:

Acid Resistance : Excellent
Alkali Resistance: Excellent
Hydrolysis Resistance : Excellent
Oxidization Resistance: Poor
Abrasion Resistance: Good
Temperature Resistance:180-200 °C

Application:

Mainly used in collecting dust of coal-fired boiler in electric power, iron and steel industry, smelting factories, dyeing & printing industry.

Craft : PTFE Sewing, Welding

Ring Material : Carbon steel ring,Stainless steel ring,Felt ring.

Structural shape :Air reverse filter bag, Pulse Jet filter bag.

Filter Bags

Acrylic filter bag

Physical Properties:

Fiber :Acrylic
Scrim: Acrylic spun scrim
Weight:500 (g/ m²)
Thickness: 2.4 (mm)
Surface Treatment : Heat set , Singed on one side,
Water & Oil repellent treatment , PTFE membrane,
PTFE Impregnate
Air permeability:200 (dm³/d m²/min@200Pa)



Chemical Properties:

Acid Resistance : Good
Alkali Resistance: Fair
Hydrolysis Resistance : Good
Oxidization Resistance: Good
Abrasion Resistance : Fair
Temperature Resistance:125-140 °C

Application:

Mainly used in dust collection of cement, asphalt, ceramic spray drying tower, coal mill, power plant

Craft : PTFE Sewing

Ring Material :Carbon steel ring, Stainless steel ring,Felt ring.

Structural shape : Air reverse filter bag, Pulse Jet filter bag.

Filter Bags

PE filter bag

Physical Properties:

Fiber :Polyester
Scrim: Polyester standard filament scrim,self support
Weight: 500 (g/ m²)
Thickness: 1.8 (mm)
Surface Treatment : Heat set, Singed on one side, Super calendering,Water & Oil repellent treatment, Anti-static coating, PTFE membrane
Air permeability: 180 (dm³/d m²/min@200Pa)



Chemical Properties:

Acid Resistance : Fair
Alkali Resistance: Poor
Hydrolysis Resistance :Poor
Oxidization Resistance: Good
Abrasion Resistance : Excellent
Temperature Resistance:130-150 °C

Application:

Mainly used in Furniture, ceramics, powder coating, storage battery, cement, metallurgy, chemicals, building materials, smelting, electricity, machinery, mine, petroleum, medicine, dye and food processing factories.

Craft : PE Sewing,Welding

Ring Material : Carbon steel ring, Stainless steel ring, Felt ring.

Structural shape : Air reverse filter bag, Pulse Jet filter bag, No bottom, Bottom closed, Bottom with a Hole, Bottom reinforced.

Filter Bags

PP filter bag

Physical Properties:

Fiber :Polypropylene fiber
Scrim: Polypropylene filament scrim
Weight: 500 (g/ m²)
Thickness: 2.0 (mm)
Surface Treatment : Heat set,Singed on one side,
Super calendering Water & Oil repellent treatment,
Anti-static coating, PTFE membrane
Air permeability: 180 (dm³/d m²/min@200Pa)



Chemical Properties:

Acid Resistance : Excellent
Alkali Resistance: Excellent
Hydrolysis Resistance :Excellent
Oxidization Resistance: Bad
Abrasion Resistance : Good
Temperature Resistance:80-90 °C

Application:

Mainly used in food plant, chemical plant.

Craft : Sewing, Welding.

Ring Material: Carbon steel ring, Stainless steel ring, Felt ring.

Structural shape : Air reverse filter bag, Pulse Jet filter bag, No bottom, Bottom closed,

Bottom with a Hole, Bottom reinforced.

GVS Filter specializes in making a wide range of custom designed filter bags to customers exact requirements.



Small diameter filter bag(welded seam)



Multi-Pocket Filter Bag



Filter Bag with PU top



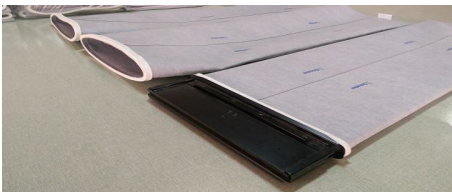
Multi-ring Filter Bag



Oval Filter Bag



Air Reverse Fiberglass Filter Bag



Envelop Filter Bag



PPS Felt Seal Top Filter Bag



Small Diameter Filter Bag (welded seam)

Specialized filter bag



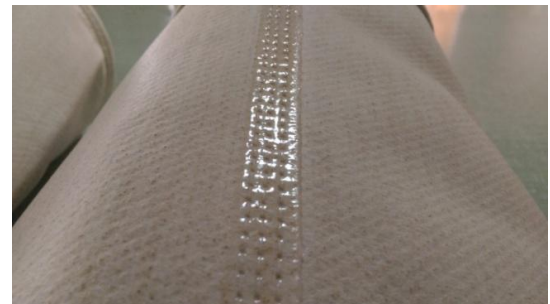
Zero-leakage Filter Bag



Fiber-free FDA Filter Bag



Aramid+PTFE Membrane Welded Filter Bag



Aramid+PTFE Membrane With Glue Seal Filter Bag



PPS+PTFE Membrane With Glue Seal Bag



Fireguard Filter Bag

Filter bag cage

Specification: circle, oval, envelope or other various framework as per customer request.

Material:

High quality mild steel or stainless steel

Structure:

Multiple class type , Venturi, Protection short tube, Download type, Plug

Surface treatment:

Spray coating, Preservative treatment, Silicon coating

Product description:

Filter bag cage supports and shapes the filter bag, it should be light and easy to install for improved maintenance. The quality of the cage has a direct bearing on the filtering efficiency and service life of a filter bag. Every cage we make will meet the requirement for lightness, smoothness and accuracy.

