Keywords: Bag House Filter Bags, PTFE baghouse filter socks, PPS baghouse filter bags, P84 baghouse filter bags, Fiberglass blending filter bag, Acrylic fabric filter bags, Anti-static filter bag, Aramid filter bags, Polyester baghouse filter bags, PE filter bags

China Sunrise Machinery – Filter Bags

http://www.air-slide-fabric.com/BaghouseFilterBags/

86-513-88820117

Filter Bags Technical Specification

1. Specification for Polyester Filter Bag:

Fibre Composition	Polyester staple fiber	
Scrim Composition	Polyester filament	
Weight	500	g/m2
Thickness	1.9	mm
Mean Air Permeability	9-12	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	≥1000	N/5x20cm
Breaking Strength-MD (weft)	≥1300	N/5x20cm
Breaking Elongation-CD	<30	%
Breaking Elongation-MD	<50	%
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	130	°C
Recommended Short-term Operating Temperature	150	°C
Finishing	Singeing, calendering, heat setting treatment	

2. PET antistatic industrial baghouse filter bags:

Fibre Composition	polyester staple fibre/Conductive fiber	
Scrim Composition	Polyester filament	
Weight	500	g/m2
Thickness	1.9	mm
Mean Air Permeability	9-12	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	≥1000	N/5x20cm
Breaking Strength-MD (weft)	≥1300	N/5x20cm
Breaking Elongation-CD	<30	%
Breaking Elongation-MD	<50	%
Surface Resistance	$<10^{10}$	Ω
Volume Resistance	$<10^{9}$	Ω
Friction Potential	<500	V
Surface Charge Density	<7	μC/m2
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	130	°C
Recommended Short-term Operating Temperature	150	°C
Finishing	Singeing, calendering, heat setting treatment	

3. Specification for PPS filter bag:

Fibre Composition	PPS staple fiber	
Scrim Composition	PTFE	
Weight	550	g/m2
Thickness	1.8	mm
Mean Air Permeability	8-110	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	≥700	N/5x20cm
Breaking Strength-MD (weft)	≥1000	N/5x20cm
Breaking Elongation-CD	<25	%
Breaking Elongation-MD	<45	%
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	160	°C
Recommended Short-term Operating Temperature	190	°C
Finishing	Singeing, calendaring, heat setting, PTFE impregnation treatment	

4. Specification for P84 filter bag

Fibre Composition	P84 needle felt	
Scrim Composition	P84 needle felt	
Weight	500	g/m2
Thickness	2.0	mm
Mean Air Permeability	2-5	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	≥600	N/5x20cm
Breaking Strength-MD (weft)	≥1000	N/5x20cm
Breaking Elongation-CD	<35	%
Breaking Elongation-MD	<35	%
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	260	°C
Recommended Short-term Operating Temperature	280	°C
Finishing	Heat setting, singeing, calendering can also be covered	

5. Specification Fiberglass Blending Filter Bag:

Fibre Composition	Glass fiber/ High temperature fiber	
Scrim Composition	E-glass fiber	
Weight	>900	g/m2
Thickness	2.50	mm
Mean Air Permeability	8-10	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	>1800	N/5x20cm
Breaking Strength-MD (weft)	>1800	N/5x20cm
Breaking Elongation-CD	<10	%
Breaking Elongation-MD	<10	%
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	240	°C
Recommended Short-term Operating Temperature	260	°C
Finishing		

6. Specification for Acrylic filter bag:

Fibre Composition	Acrylic fiber	
Scrim Composition	Acrylic staple fiber	
Weight	500	g/m2
Thickness	2.1	mm
Mean Air Permeability	2-5	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	≥600	N/5x20cm
Breaking Strength-MD (weft)	≥1000	N/5x20cm
Breaking Elongation-CD	<25	%
Breaking Elongation-MD	<45	%
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	125	°C
Recommended Short-term Operating Temperature	140	°C
Finishing	Singeing calendering, PTFE impregnation, film processing	

7. Specification for Anti-static Filter Bag:

Fibre Composition	Polyester staple fiber	
Scrim Composition	Polyester anti - static filament	
Weight	500	g/m2
Thickness	1.9	mm
Mean Air Permeability	9-12	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	≥1000	N/5x20cm
Breaking Strength-MD (weft)	≥1300	N/5x20cm
Breaking Elongation-CD	<30	%
Breaking Elongation-MD	<50	%
Surface Resistance	$<10^{10}$	Ω
Volume Resistance	$<10^{9}$	Ω
Friction Potential	<500	V
Surface Charge Density	<7	μC/m2
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	130	°C
Recommended Short-term Operating Temperature	150	°C
Finishing	Singeing, calendering, heat setting treatment	

8. Specification for Aramid filter bag:

Fibre Composition	Aramid fiber	
Scrim Composition	Kevlar staple fiber	
Weight	550	g/m2
Thickness	2.2	mm
Mean Air Permeability	9-12	m3/m2/min@12.7mmH20
Breaking Strength-CD (warp)	≥800	N/5x20cm
Breaking Strength-MD (weft)	≥1000	N/5x20cm
Breaking Elongation-CD	<25	%
Breaking Elongation-MD	<45	%
Dry Shrinkage-CD	< 1	%
Dry Shrinkage-MD	< 1	%
Recommended Continous Operating Temperature	200	°C
Recommended Short-term Operating Temperature	240	°C
Finishing	Singeing, calendaring, heat setting, PTFE impregnation treatment	