

Designers don't make substitute. They design with innovate ideas.

We brings world class filtration medias to substitutes number of applications.

Spunbond polyester filter materials

With Germany Zimmer spunbond polyester production line and Fleissner coating and heat setting line, our media partners from world wide can produce nonwoven fabrics from 160g/m² to 270g/m² specially for **pleated filter cartridges**, also by all kinds of treatment: PTFE coating, PTFE membrane, water & oil proof, and antistatic by aluminum foil, filter fineness from 0.1micron to 5micron, 99.9% high efficiency, low price, high quality, more competition than other brands, also has been approved by BIA-Test certificate.

1.Normal Spunbonded Polyester

Item	Weight (g/m ²)	Thickness (mm)	Air Permeability (l/m ² .s)	Strength		Working Temperature (°C)	Filter Fineness (um)	Efficiency (%)
				Warp (N/5cm)	Weft (N/5cm)			
KL217	170	0.45	220	600	450	≤135	5	≤99
KL224	240	0.6	180	800	600	≤135	5	≤99.5
KL226	265	0.64	170	840	620	≤135	5	≤99.5

2.Aluminium Membrane Antistatic Spunbonded Polyester

Item	Weight (g/m ²)	Thickness (mm)	Air Permeability (l/m ² .s)	Strength		Working Temperature (°C)	Filter Fineness (um)	Efficiency (%)
				Warp (N/5cm)	Weft (N/5cm)			
KL224AL	240	0.6	180	800	600	≤65	5	≤99.5
KL226AL	260	0.64	170	840	620	≤65	5	≤99.5
KL224ALF2	240	0.6	180	800	600	≤65	5	≤99.5
KL226ALF2	260	0.64	170	840	620	≤65	5	≤99.5

3. Water & Oil Repellent Treatment Spunbonded Polyester

Item	Weight (g/m ²)	Thickness (mm)	Air Permeability (l/m ² .s)	Strength		Working Temperature (°C)	Filter Fineness (µm)	Efficiency (%)
				Warp (N/5cm)	Weft (N/5cm)			
KL217F2	170	0.45	220	600	450	≤135	5	≤99
KL224F2	240	0.6	180	800	600	≤135	5	≤99.5
KL226F2	260	0.64	170	840	620	≤135	5	≤99.6

4. PTFE Coating Spunbonded Polyester

Item	Weight (g/m ²)	Thickness (mm)	Air Permeability (l/m ² .s)	Strength		Working Temperature (°C)	Filter Glass (ASHARE52.2)
				Warp (N/5cm)	Weft (N/5cm)		
KL224F3	240	0.6	90~120	800	600	≤120	H13
KL226F3	260	0.64	85~115	840	620	≤120	
KL217F3	170	0.45	100~130	600	450	≤120	
KL224ALF3	240	0.6	90~120	800	600	≤65	

5. PTFE Membrane Spunbonded Polyester

Item	Weight (g/m ²)	Thickness (mm)	Air Permeability (l/m ² .s)	Strength		Working Temperature (°C)	Filter Glass (ASHARE52.2)
				Warp (N/5cm)	Weft (N/5cm)		
KLW217F4	170	0.45	80~100	600	450	≤135	H16
KL224F4	240	0.6	70~90	800	600	≤135	
KL226F4	260	0.64	60~80	840	620	≤135	
KL224F4-ZR	240	0.6	60~80	800	600	≤135	
KL224F4-KC	240	0.6	70~90	800	600	≤135	

Note:

1. Testing of material for air permeability is under $\Delta P=200\text{Pa}$.
2. Testing of material for efficiency is 325mesh talcum powder. (JB/T 10341-2002)

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