Pocket Filter Media Roll

Product Features

Filter bag media rolls for pocket air filters are specialized materials used in the construction of pocket filters, which are integral components of HVAC systems for air purification. These media rolls are designed to trap and hold particulates from the air, effectively preventing them from circulating within an indoor environment.

1. Filtration Grade: G4,M5,M6; MERV7-MERV12
2. Synthetic fibers: Polyester or polypropylene
3. This filter bag media is a semi-finished product for pocket filter assembly. It can be easily cut into the length needed to create a pocket filter with multiple bags.
4. Applications: Commercial HVAC Systems, Industrial Settings, Healthcare Facilities, Residential Systems.

Material characteristics

1. Made of elastic and break-resistant polyester fiber (PET), which is combed and laid in a dense layer by layer through hot air fusion process
2. Each fiber is specially treated with viscosity to improve the long-term adhesion of captured particles to meet the strict quality requirements of coating technology
3. The air outlet surface is covered with mesh and reinforced with cloth to ensure strength and air flow uniformity
4. It has a certain corrosion resistance to general solvents, weak acids and weak bases;

Technical Parameter

Filtration Grade	0.3um Efficiency	0.5um Efficiency	1.0um Efficiency	5.0um Efficiency	Resistance (Pa)	EUR Standard color	CN Standard color	Size	Testing Media	Rated Air Flow(m^3/h)
G4	5-15%	15-35%	35-45%	70-80%	1.0-1.5	White	White	Customized	NACL	32.0L/Min
M5	50-70%	70-80%	80-90%	100%	5.0-6.0	White/Orange	White/Orange			
M6	70-80%	80-90%	90-95%	100%	5.5-6.5	Green	Green			
M7	80-90%	90-95%	95-98%	100%	10.0-11.5	Pink	Pink			
M8	90-95%	95-97%	97-99%	100%	16.0-17.5	Light/Yellow	Light/Yellow			
M9	95-97%	97-99%	99-100%	100%	20.0-22.0	White	White			

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