

HVAC Air Filter Media

Product Features

Designed for the first stage or coarse filtering process in the inlet of general ventilation, air conditioning equipment, or HVAC systems, this air filter material/media is the most famous material that efficiently removes large particles, dust, and dirt before they enter the system or equipment. HVAC Air Filter Media, which can be used in slices, slices framed, and whole rolls.

1. High dust-holding capacity and low-pressure drop. Washable air filter material
2. Standard sizes W x L x T(mm):1m x 20m x20mm, 2m x 20m x 20m, Customization Available.

Technical Index

Filter material: Synthetic fibers

Filtration Grade:G2, G3, G4

Moisture resistance:≤ 100% RH

High temperature resistance:≤ 100 °C

Filter object: ≥ 5µm particles

Instant temperature resistance: ≤ 120 °C

Flame retardant level: F1(DIN53438), B1(GB/T17591-2006)

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	Model	Thickness(mm)	Weight (g/m ²)	Average Weight Efficiency	Wind Velocity Test(m/s)	Dust Holding Capacity(g/m ²)	Initial Resistance (Pa)	Final Resistance (Pa)
G2	WS-P150	10	150	83%	2	450	20	200
G3	WS-P200	15	200	85%	1.5	500	20	200
G4	WS-P250	20	250	91%	1	580	25	250

Web:www.whalesens.com
Email:whalesens@gmail.com
Tel: +8613119189886

Whalesens Technology Co., Ltd