

Pre Air Filter Media

Product Features

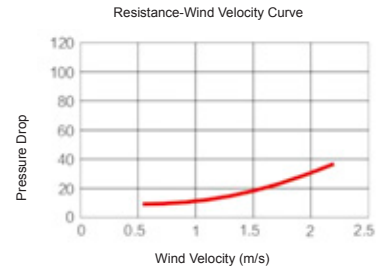
Used for dust filtration in air conditioning and ventilation systems, protective dust filtration for machinery, equipment rooms, pre-filtration in high-quality spraying systems, and baking oven air supply systems. Available in slices, framed slices, or rolls.

1. Cost-effective, high dust-holding capacity, low resistance, elastic, stable performance.
2. Filtration efficiency for 5µm particles: 40%, 65%, 80%, 90% (G1, G2, G3, G4 by gravimetric testing).
3. Made of polyester fiber (PET) through carding, multi-layer densification, and hot-air bonding for enhanced elasticity and break resistance.
4. Resistant to general solvents, weak acids, and weak alkalis.
5. Filtration grade: G4 (EN779), EU4 (EUROVENT).



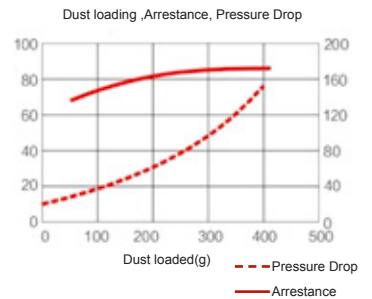
Technical Index

Filtration Grade: G2, G3, G4 (EN779); EU2, EU3, EU4 Target particles: ≥ 5µm coarse dust
 Humidity resistance: 100% RH Instant temperature resistance: ≤ 120 °C
 High temperature resistance: ≤ 100 °C Flame retardancy: F1, B1



Material characteristics

1. Made by combing polyester fibers (PET) with elasticity and fracture resistance, then gradually densifying and laying the mesh through hot air fusion process;
2. After spray coating treatment, it can be cleaned and reused, or the dust can be removed by tapping or blowing back, and continued to be used;
3. It has a certain anti-corrosion effect on general solvents, weak acids, and weak bases;



Technical Parameter

Filtration Grade	Model	Thickness (mm)	Weight(g/m ²)	Wind Velocity Test(m/s)	Dust Holding Capacity(g/m ²)	Initial Resistance (Pa)	Final Resistance (Pa)	Average Weight Efficiency
G2	WS1-100G	5	100	2	380	20	125	68%
G3	WS1-150G	10	150	2	450	20	200	83%
G3	WS1-300G	15	300	1.5	500	20	200	85%
G4	WS1-400G	20	400	1	580	25	250	91%
G4	WS1-500G	25	500	1	680	25	250	91%-95%

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