

Paint Booth Ceiling Filter Media

Product Features

Mainly used in air intake systems of spray painting processes and coating workshops, such as paint booths, baking booths, coating equipment, dust removal, etc. It serves as secondary filtration in high-quality spraying systems and baking devices. It can be cut, framed, or used in rolls.

1. High flame retardancy, high dust-holding, low resistance, elastic, stable performance.
2. Outlet side covered with PE imported mesh.
3. Filtration grade: F5, F6/M6 (EN779), EU5, EU6.



Technical Index

Filtration Grade: F5/M5, F6/M6, MERV9, MERV10

Moisture resistance: 100% RH

High temperature resistance: ≤ 100 °C

Filter object: ≥ 1um particles

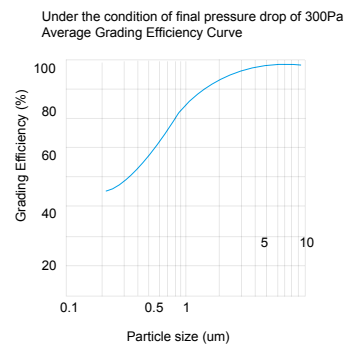
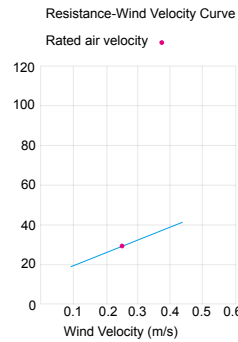
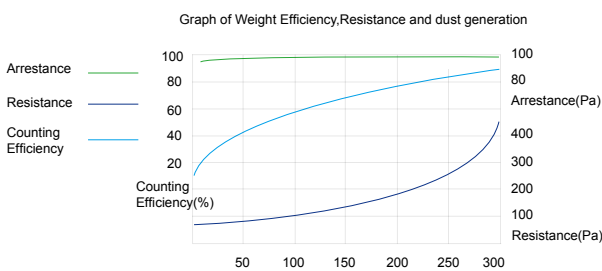
Instant temperature resistance: ≤ 120 °C

Flame retardant level: F1(DIN5343), B1(GB/T 17591-2006)

Material characteristics

1. Manufactured from elastic and fracture-resistant polyester fiber (PET) through a process of carding, gradational density layering, and hot air fusion technology.
2. Each fiber is specially tackified for long-term adhesion of captured particles.
3. Outlet side reinforced with mesh/fabric for strength and uniform airflow.
4. Certain corrosion resistance to solvents, weak acids and weak bases.

Technical Parameter



Model	Filtration Grade	Average Weight Efficiency	Weight (g/m ²)	Wind Velocity Test(m/s)	Dust Holding Capacity(g/m ²)	Initial Resistance (Pa)	Final Resistance (Pa)	Rated Air Flow(m ³ /h)
WS-560G	F5/M5	95%	560	0.3	380	25	125	1080
WS-600G	F5/M5	98%	600	0.25	450	30	450	900
WS-680G	F6/M6	99%	680	0.25	500	45	200	900

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