

# Paint Booth Ceiling Filter Media

WS-600G

## Product Features

Used in air intake systems for spray processes and coating workshops where air purification requires exceptionally stringent standards.

1. Standard sizes W x L x T(mm):1.6m x 21m x25mm, 2m x 21m x 25m, Customization Available.
2. Fine filtration for air supply systems in spray booths and paint baking rooms
3. Dust filtration for coating equipment, coating systems, and coating workshops
4. Secondary-stage filtration in high-quality spray systems and baking equipment air supply systems
5. Filter media for medium-efficiency panel-type filters
6. Installation methods: Cut-to-size installation, Framed segmented installation, Full-roll deployment .



## Technical Index

Filtration Grade:F5\M5,EU5

Moisture resistance:≤ 100% RH

High temperature resistance:≤ 100 ° C

Filter object: ≥ 1μm particles

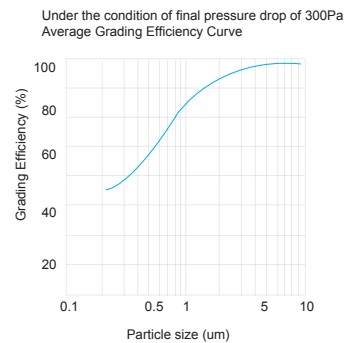
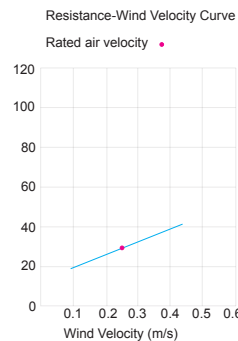
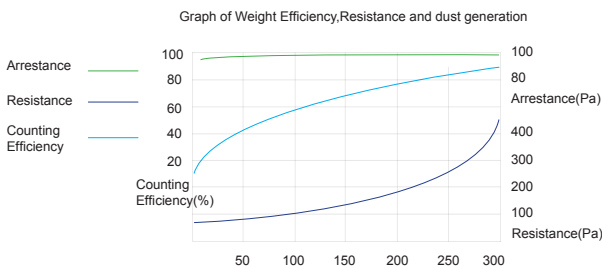
Instant temperature resistance: ≤ 120 ° C

Flame retardant level: F1 (DIN53438)

## 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 undergoes specialized viscosity treatment\*\* to enhance persistent adhesion of captured particles, meeting stringent quality requirements in coating applications.
3. Reinforced with mesh/fabric on the air outlet side to ensure structural integrity and uniform air distribution.
4. Exhibits corrosion resistance against common solvents, mild acids, and mild alkalis.

## Technical Parameter



Filtration Grade	Model	Thickness (mm)	Average Weight Efficiency	Weight(g/m <sup>2</sup> )	Rated Air Flow(m <sup>3</sup> /h)	Wind Velocity Test(m/s)	Dust Holding Capacity(g/m <sup>2</sup> )	Initial Resistance (Pa)	Final Resistance (Pa)
M5	WS-600G	20±3	98%	600	900	0.25	600	≤ 50	450

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