

Paint Booth Ceiling Filter Media

WS-560G

Product Features

Used in air intake systems for spray processes and coating workshops where air purification requires exceptionally stringent standards. Made from 100% polyester fibers, it offers exceptional durability and filtration efficiency. The progressive density layering structure ensures effective capture and removal of overspray, dust, and contaminants from the air.

1. Low resistance, elastic, high dust-holding capacity, high efficiency
2. Standard sizes W x L x T(mm):1.6m x 21m x25mm, 2m x 21m x 25m, Customization Available.
3. Installation methods: Cut-to-size installation, Framed segmented installation, Full-roll deployment.



Technical Index

Filtration Grade:M5; MERV9, MERV10

Moisture resistance:100% RH

High temperature resistance:≤ 100 °C

Filter object: ≥ 1μm particles

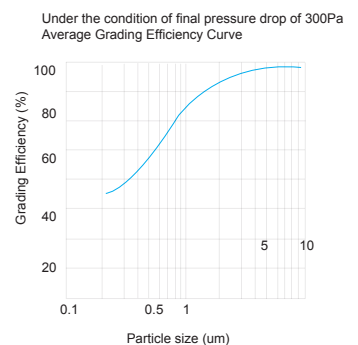
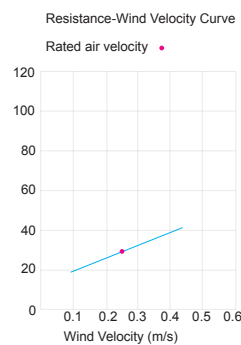
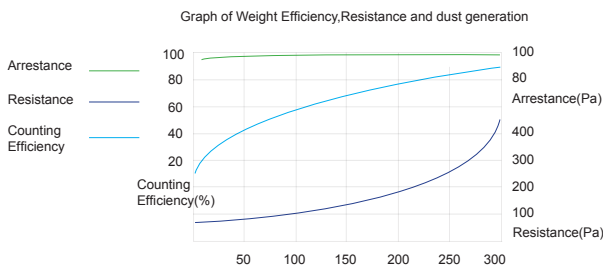
Instant temperature resistance: ≤ 120 °C

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 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 ²)	Rated Air Flow(m ³ /h)	Wind Velocity Test(m/s)	Dust Holding Capacity(g/m ²)	Initial Resistance (Pa)	Final Resistance (Pa)
M5	WS-560G	20±3	95%	560	1000	0.25	500	45	450

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