

Fiberglass Filter Media

Product Features

Fiberglass Filter Media (also known as paint filter padding, spray booth filter, fiberglass wool, or paint-resistant filter cotton) features high capture efficiency. Primarily used for: Paint mist filtration in coating systems, Industrial oil mist emission filtration, General ventilation pre-filtration.

Available in multiple formats:

Custom slices | Framed slices | Full rolls

1. Resilient Loft Structure

Prevents premature surface clogging

Maintains shape under pressure, maximizing filtration space for paint mist and sticky dust capture

2. Non-Woven Glass Fiber Construction

High air permeability with low airflow resistance

Exceptional overspray capture efficiency

Extended service life

3. Standard Thickness: 50mm-60mm

4. Applications:

High-capture spray painting industries

Paint mist filtration | Filter units | Baking booths

Automotive spray shops | Furniture factories | Kitchen grease filtration



Technical Index

Filtration Grade: G3(EN 779), EU3(EUROVENT)

Filter object: Paint mist, Oil mist, Dust Particles

Moisture resistance: 100%RH

Flame retardant level: F1, B1

High temperature resistance: ≤170°C

Material characteristics

1. Progressive-Structure Fiberglass Material

Loft structure at inlet side (green) gradually tightens toward outlet side (white)

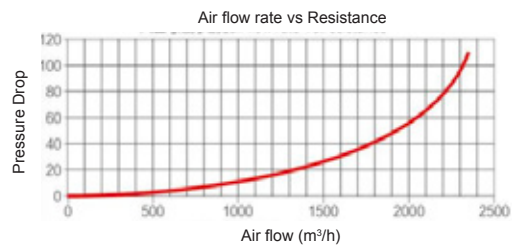
Fiber density increases progressively along airflow direction

High elasticity with superior fracture resistance

2. Advanced Chemical Resistance

Corrosion-resistant against solvents, acids, and alkalis

Heat resistance: Withstands up to 170°C continuous operating temperature



Technical Parameter

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
WS-FB5	5	240	0.7-1.5	3200-3600	15	250	92%-96%
WS-FB10	10	320	0.7-1.75	3600-3900	20	280	97%-99%

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