

Spray booth Air Filters

Product Features

Paint spray booth specialty filter designed for effective overspray capture. Constructed with galvanized steel, aluminum alloy, or stainless steel frames housing an internal filter media support frame. Compact structure, lightweight, and easy to install/remove. Optimized pleat design maximizes filtration area while reducing resistance and increasing dust-holding capacity. General coarse dust filtration, hot-air high-temperature ovens, automotive industry, furniture manufacturing.

1. Triple-High Performance: High reliability, High adsorption rate, High flame retardancy.
2. Structural Advantages: Graded density structure, Exceptional formaldehyde removal, High dust-holding capacity, Extended service life.
3. Environmental Resistance: Strong moisture resistance, Excellent chemical corrosion resistance, Withstands 170°C (338°F) to 250°C (482°F).
4. Standard Sizes (W×H×D mm): 595×595×46, 494×595×46, 295×595×46, 495×495×46
5. Application: Automotive • Furniture • Commercial buildings • Food & beverage • Microelectronics • Surface treatment plants • Schools • Museums



Technical Index

Grade: G3、G4、EU3、EU4 Filter object: ≥5μmm, ≥3μm
 Moisture Resistance: 100% RH Instantaneous Temperature Resistance: ≤120°C
 Heat Resistance: ≤100°C

Material characteristics

Filter Media: Non-woven fabric, nylon mesh, activated carbon filter cotton, metal wire mesh.
 Frame: Paper frame, aluminum frame, galvanized iron frame, stainless steel frame .
 Separator: Hot melt adhesive.
 Sealant: PU (Polyurethane) two-component glue.
 Sealing Strip: Polyurethane foam sealing strip, EVA (Ethylene-Vinyl Acetate) .
 Protective Mesh: Double-sided plastic-coated wire mesh, double-sided galvanized wire mesh.

Technical Parameter

Filtration Grade	Dimensions (mm) W*H* D	Initial Resistance (Pa)	Final Resistance(Pa)	Rated Air Flow(m ³ /h)	Filtration Efficiency
G3	595*595*46	10	250	3200	85%
	495*595*46			2700	
	295*595*46			1600	
	495*495*46			2200	
G4	595*595*46	20	250	3200	95%
	495*595*46			2700	
	295*595*46			1600	
	495*495*46			2200	

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