

# Medium-efficiency Pleated Filters

## Product Features

Used for intermediate or terminal filtration in commercial and industrial ventilation systems, air conditioning systems; fresh air conditioning systems in clean rooms; inal filtration at air supply outlets in dust-free workshops.

1. Low resistance, reduces operating energy, high dust-holding capacity, economical and practical.
2. Washable filter media can be selected, detachable structure, filter media, frame, and protective mesh are reusable.
3. Widely used in numerous fields such as surface treatment, painting, chemical industry, cosmetics, biopharmaceuticals, hospitals, automotive industry, etc.



## Technical Index

Grade: F5, F6, F7, F8 (EN779)

Moisture Resistance: 100% RH

Heat Resistance:  $\leq 100^{\circ}\text{C}$

Filter object:  $\geq 1\mu\text{m}$  coarse dust and foreign particles

Instantaneous Temperature Resistance:  $\leq 120^{\circ}\text{C}$

## Material characteristics

Filter Media: High-strength PET filter paper

Frame: Aluminum alloy, galvanized steel, stainless steel

Separator: Hot melt adhesive

Sealant: PU (Polyurethane) two-component glue

Sealing Strip: Polyurethane foam sealing strip glue,

EVA (Ethylene-Vinyl Acetate)

## Technical Parameter

Filtration Grade	Dimensions (mm) W*H* D	Initial Resistance (Pa)	Final Resistance (Pa)	Rated Air Flow (m <sup>3</sup> /h)	Filtration Efficiency
F5	595*595*46	$\leq 90$	$\leq 360$	3000	45%
	495*495*46			2300	
	295*595*46			1600	
F6	595*595*46	$\leq 105$	$\leq 420$	3600	65%
	495*495*46			2400	
	295*595*46			1800	
F7	595*595*46	$\leq 120$	$\leq 480$	3300	85%
	495*495*46			2300	
	295*595*46			1600	
F8	595*595*46	$\leq 140$	$\leq 560$	2500	95%
	495*495*46			1700	
	295*595*46			1200	

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