

Filter Mats Pre-Filtration



About this product

Air pre-filters are commonly used in various HVAC (Heating, Ventilation, and Air Conditioning) systems to improve indoor air quality.

They are typically installed as the first line of defense in the filtration process, designed to capture larger particles such as dust, pollen, and pet dander, before they reach more advanced filtration systems, protecting the more delicate and expensive filters downstream.

Air pre-filters extend the lifespan of primary filters and enhance overall air filtration efficiency.

Applications

Mainly used in HVAC systems

- Paint booth facilities: trapping overspray and large paint particles
- Manufacturing: safeguards equipment and machinery
- Cleanrooms: pharmaceuticals, electronics, and healthcare
- Automotive facilities: protecting sensitive equipment

Specifications

- Grade: G2, G3, G4
- Synthetic fibers
- Engineered to effectively capture larger particles
- Reliable quality, highly functional air prefilters extend the lifespan of the next filter stage or main filters
- High dust holding capacity for optimum performance
- Maintaining minimal airflow resistance
- Advanced technology cuts down energy cost
- Long service life with proper washing and vacuuming
- Customizable media sizes and thicknesses for different dust-loading applications

Type	Filter class <i>ISO 16890 (EN 779)</i>	Weight per unit <i>(g/m2)</i>	Thickness <i>mm</i>	Initial pressure drop <i>Pa</i>	Velocity <i>m/s</i>
EA 30	ISO Coarse 65% (G4)	350	30	30	1
EA 40	ISO Coarse 65% (G4)	400	40	35	1

Type	Filter class <i>ISO 16890 (EN 779)</i>	Weight per unit (g/m ²)	Thickness <i>mm</i>	Initial pressure drop <i>Pa</i>	Velocity <i>m/s</i>
EA 50	ISO Coarse 70% (G4)	450	50	41	1
FL 100	ISO Coarse 40% (G2)	100	6	21	1.5
FL 150	ISO Coarse 45% (G2)	150	11	27	1.5
FL 200	ISO Coarse 50% (G3)	200	22	30	1.5
FL 220	ISO Coarse 65% (G4)	220	24	18	1

Technical Specifications



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