

AEC - MINI PLEAT

AEC-Minipleat HEPA filters are made out of water resistant, fire retardant microfine fibre glass media. Being minipleat construction, more filter can be accommodated to handle high mass flow rate of air. These type of filters are widely used in bio-medical industries, laminar flow benches etc.

Filter media and construction

Media type:

Water resistant, fire retardant, microfine glass fibre media.

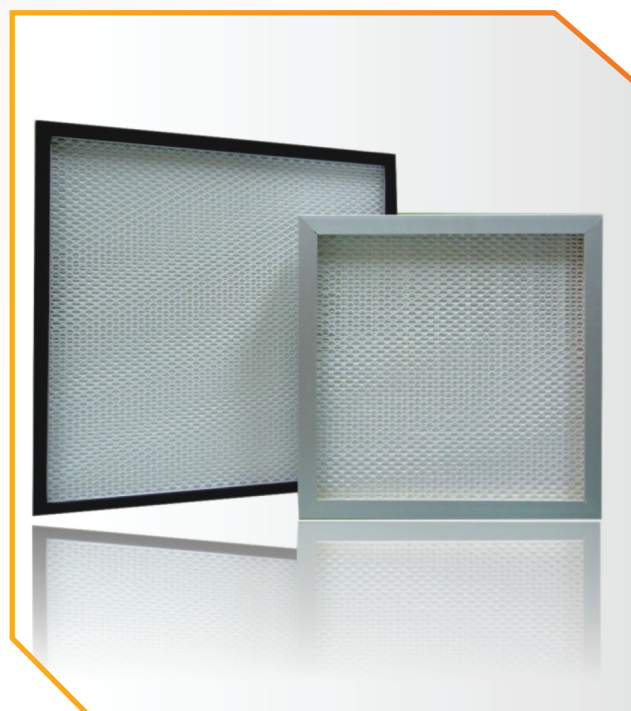
Frame:

Aluminum anodised or non-anodised, CRCA powder coated, stainless steel and rarely plastic frames.

Media edge sealing :

End sealing by gluing media and frame

Construction : Box type / flange type.



Salient Features	Main Advantages
- Can be used up to 1000C working temperature. - Filter media is separated by hot melt thread. - All filters are 100% leak tested. - Filter media is fully bonded with frame.	- Robust construction to withstand harsh environmental conditions. - Environment friendly construction. - Enough filter media provided to ensure very low initial pressure drop. 100% leak proof construction.

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TYPICAL FILTER DATA FOR STANDARD FILTER SIZE AS PER DIN EN 1822

Product Code	Type	Grade	Dimensions (mm)	Air Flow (CFM)	Initial Pressure Drop (mm of WC)	Final Pressure Drop (mm of WC)
AEC-MP1169	AEC-MP-69	H-14	305×305×69	100	15	50
AEC-MP151569		H-14	457×457×69	150	15	50
AEC-MP2169		H-14	610×305×69	200	15	50
AEC-MP2269		H-14	610×610×69	400	15	50
AEC-MP3269		H-14	915×610×69	600	15	50
AEC-MP4269		H-14	1220×610×69	800	15	50
AEC-MP1190	AEC-MP90	H-14	305×305×90	200	15	50
AEC-MP151590		H-14	457×457×90	300	15	50
AEC-MP2190		H-14	610×305×90	400	15	50
AEC-MP2290		H-14	610×610×90	600	15	50
AEC-MP3290		H14	915×610×90	800	15	50
AEC-MP4290		H14	1220×610×90	1000	15	50
AEC-MP11150	AEC-MP150	H-14	305×305×150	200	15	50
AEC-MP21150		H14	610×305×150	400	15	50
AEC-MP22150		H-14	610×610×150	600	15	50

PRODUCT SELECTION MATRIX AND POTENTIAL APPLICATION AREA

Industries	Filter application	Fine filter
Automotive and auto component manufacturers.	Used for air supply units in automotive paint shops	H-14
Clean Room Application		
Pharmaceuticals, Biotech Industries, semiconductor manufacturers, hospitals and laboratories.	Used in air handing units, laminar flow benches etc.,	H-14
Other Application		
Textile Industries, chemical and fertilizer Industries	Used in air handling units where fresh air is required at process locations.	H-14

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