



## Commercial Grade Rectangular Minipleat HEPA Inserts

Commercial grade rectangular Mini-pleat HEPA filter inserts are manufactured to meet the stringent requirements of the pharmaceutical, hospital, research & biotechnology industries.

The product is available in two standard forms:

**Type I** Low temperature combustible inserts.

**Type II** High temperature non-combustible inserts.

### Materials of construction:

**Case:** Type I: MDF with plastic face protection grids and cloth handle

Type II: Zinc coated steel or stainless steel with steel c/w face protection grids and recessed D ring handle

**Media:** Non-flammable, water repellent, microfine Borosilicate glass paper

**Form:** Multiple mini-pleat filter packs arranged in a V configuration within the filter case

**Bond:** Filter packs are sealed into the case with a  
Type I: Polyurethane sealant  
Type II: High temperature cement

**Gasket:** Inserts are fitted with a 19mm wide x 6mm thick sponge gasket to one or both faces  
Type I: Neoprene  
Type II: Silicone



### Technical Specification:

Size (mm)	305 x 609x 292	609x609x292
Duty (m3/hr)	1440	3060
Clean Resistance	300 Pascal	
Integral Efficiency	Grade H14 99.995% in accordance with EN1822	
Final Resistance	700 Pascal	
Burst Pressure	>2000 Pascal	
Max Working Temp	Type I : 70°C    Type II : 300°C	
Max Working R.H.	80%	
<small>*Type II filter inserts will maintain an integral efficiency of &gt;98% when subjected to 500° C for up to ten minutes.</small>		

### Quality Control:

All M.C. Air Filtration products are designed, manufactured and tested under strict quality controlled conditions and in accordance with our BS EN ISO 9001:2008 accreditation. Each HEPA filter insert will be individually factory tested and issued with a unique serial number for future trace-ability.

Alternative sizes, specifications and materials of construction may be available.

Please contact this sales office to discuss your specific requirement and for further information on these products.