



## Pharma Grade Push Through HEPA Filter Inserts

The push-through filter is primarily intended for use as a supply or exhaust HEPA filter to contained cells such as glove box's and isolators.

The standard insert comprises a cylindrical filter element, protected by inner and outer steel grids, encapsulated by an open and closed end flange with external sealing rings.

They are replaced by pushing the used insert through its cylindrical housing into the contained cell, for bagging and disposal.

We produce specific designs suitable for either single or two-stage filtration systems.

### Materials of Construction:

**Filter Media:** Non-flammable, water repellent, microfine glass paper with glass thread spacers

**Case Flanges:** Rigid Polyurethane

**Support Grilles:** White painted mild steel or stainless steel

**Sealing Rings:** Mechanically sealed silicone rubber lip-seals 3 mm thick



Standard Range				
Rated duty (l/sec)	Insert length (mm)	Insert diameter (mm)	To suit housing diameter (mm)	Approx weight (kg)
12.5	150	131	135	1
35	300	207	210	3
75	375	247	250	4
160	400	326	330	5

### Technical Specification:

Filter grade EU 13 - EU 14 / H13 – H14  
Integral efficiency 99.997% - 99.999% BS3928 or 0.3µm DOP aerosol  
Initial pressure drop 250 Pascal Dirty pressure drop ≤1000 Pascal  
Max working temp 70° C Max working R.H. 90%

### 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 will be individually tested and issued with a unique serial number for future trace-ability.

Alternative sizes, specifications and materials of construction are available.

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

We reserve the right to change product specification without notice

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