

## FEATURES AND BENEFITS

Available in a wide range of filter efficiencies to suit each application the High Efficiency Bag Filter offers great filtration performance at affordable pricing.

Manufactured from Oeko-Tex 100 approved synthetic media (which is free from harmful substances like glass fibres) and formed into heat sealed sealed pockets and enclosed in a galvanised steel header frame.

It offers a high dust holding capacity with low initial pressure losses to ensure maximum filter life cycles are achieved.

Widely used in many environments.



## APPLICATIONS

An ideal secondary stage filter or pre filter to HEPA filters for use in Heating & Ventilation and Air Conditioning systems.

- Office Blocks
- Computer Suites
- Hotels
- Food Industry
- Hospitals
- Pharmaceutical Industry

## PRODUCT OPTIONS AVAILABLE

- Wide range of standard sizes off the shelf
- Non-standard sizes available and made to order
- 20mm Galvanised Steel header as standard (25mm available as an option)
- Plastic header available

### Filterite Ltd

Harolds Court, Saxon Business Park, Bromsgrove, B60 4FL

**Tel:** 01527 836201 **Email:** sales@filterite.co.uk

[www.filterite.co.uk](http://www.filterite.co.uk)



## Performance Details

| Grade                                          | Filter Size       |                  | Pockets | Rated Capacity<br>(m3/S) | Resistance |  | Pascals |
|------------------------------------------------|-------------------|------------------|---------|--------------------------|------------|--|---------|
|                                                | Nominal h x w x d | Actual h x w x d |         |                          | Initial    |  |         |
| ISO 16890<br>ePM10 65%<br><br>EN779:2012<br>M5 | 600 x 300 x 380   | 592 x 287 x 380  | 3       | 0.47                     | 135        |  | 500     |
|                                                | 600 x 500 x 380   | 592 x 492 x 380  | 5       | 0.70                     | 135        |  | 500     |
|                                                | 600 x 600 x 380   | 592 x 592 x 380  | 6       | 0.94                     | 135        |  | 500     |
|                                                | 600 x 300 x 500   | 592 x 287 x 500  | 3       | 0.47                     | 115        |  | 500     |
|                                                | 600 x 500 x 500   | 592 x 492 x 500  | 5       | 0.70                     | 115        |  | 500     |
|                                                | 600 x 600 x 500   | 592 x 592 x 500  | 6       | 0.94                     | 115        |  | 500     |
|                                                | 600 x 300 x 635   | 592 x 287 x 635  | 3       | 0.47                     | 95         |  | 500     |
|                                                | 600 x 500 x 635   | 592 x 492 x 635  | 5       | 0.70                     | 95         |  | 500     |
|                                                | 600 x 600 x 635   | 592 x 592 x 635  | 6       | 0.94                     | 95         |  | 500     |
| ISO 16890<br>ePM10 75%<br><br>EN779:2012<br>F6 | 600 x 300 x 380   | 592 x 287 x 380  | 3       | 0.47                     | 140        |  | 500     |
|                                                | 600 x 500 x 380   | 592 x 492 x 380  | 5       | 0.70                     | 140        |  | 500     |
|                                                | 600 x 600 x 380   | 592 x 592 x 380  | 6       | 0.94                     | 140        |  | 500     |
|                                                | 600 x 300 x 500   | 592 x 287 x 500  | 3       | 0.47                     | 120        |  | 500     |
|                                                | 600 x 500 x 500   | 592 x 492 x 500  | 5       | 0.70                     | 120        |  | 500     |
|                                                | 600 x 600 x 500   | 592 x 592 x 500  | 6       | 0.94                     | 120        |  | 500     |
|                                                | 600 x 300 x 635   | 592 x 287 x 635  | 3       | 0.47                     | 100        |  | 500     |
|                                                | 600 x 500 x 635   | 592 x 492 x 635  | 5       | 0.70                     | 100        |  | 500     |
|                                                | 600 x 600 x 635   | 592 x 592 x 635  | 6       | 0.94                     | 100        |  | 500     |
| ISO 16890<br>ePM10 90%<br><br>EN779:2012<br>F7 | 600 x 300 x 380   | 592 x 287 x 380  | 3       | 0.47                     | 145        |  | 500     |
|                                                | 600 x 500 x 380   | 592 x 492 x 380  | 5       | 0.70                     | 145        |  | 500     |
|                                                | 600 x 600 x 380   | 592 x 592 x 380  | 6       | 0.94                     | 145        |  | 500     |
|                                                | 600 x 300 x 500   | 592 x 287 x 500  | 3       | 0.47                     | 125        |  | 500     |
|                                                | 600 x 500 x 500   | 592 x 492 x 500  | 5       | 0.70                     | 125        |  | 500     |
|                                                | 600 x 600 x 500   | 592 x 592 x 500  | 6       | 0.94                     | 125        |  | 500     |
|                                                | 600 x 300 x 635   | 592 x 287 x 635  | 3       | 0.47                     | 105        |  | 500     |
|                                                | 600 x 500 x 635   | 592 x 492 x 635  | 5       | 0.70                     | 105        |  | 500     |
|                                                | 600 x 600 x 635   | 592 x 592 x 635  | 6       | 0.94                     | 105        |  | 500     |

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## Performance Details

| Grade                                            | Filter Size       |                  | Pockets | Rated Capacity<br>(m3/S) | Resistance |  | Pascals |
|--------------------------------------------------|-------------------|------------------|---------|--------------------------|------------|--|---------|
|                                                  | Nominal h x w x d | Actual h x w x d |         |                          | Initial    |  |         |
| ISO 16890<br>ePM1 60-65%<br><br>EN779:2012<br>F8 | 600 x 300 x 380   | 592 x 287 x 380  | 3       | 0.47                     | 150        |  | 500     |
|                                                  | 600 x 500 x 380   | 592 x 492 x 380  | 5       | 0.70                     | 150        |  | 500     |
|                                                  | 600 x 600 x 380   | 592 x 592 x 380  | 6       | 0.94                     | 150        |  | 500     |
|                                                  | 600 x 300 x 500   | 592 x 287 x 500  | 3       | 0.47                     | 130        |  | 500     |
|                                                  | 600 x 500 x 500   | 592 x 492 x 500  | 5       | 0.70                     | 130        |  | 500     |
|                                                  | 600 x 600 x 500   | 592 x 592 x 500  | 6       | 0.94                     | 130        |  | 500     |
|                                                  | 600 x 300 x 635   | 592 x 287 x 635  | 3       | 0.47                     | 110        |  | 500     |
|                                                  | 600 x 500 x 635   | 592 x 492 x 635  | 5       | 0.70                     | 110        |  | 500     |
|                                                  | 600 x 600 x 635   | 592 x 592 x 635  | 6       | 0.94                     | 110        |  | 500     |
| ISO 16890<br>ePM1 80%<br><br>EN779:2012<br>F9    | 600 x 300 x 380   | 592 x 287 x 380  | 3       | 0.24                     | 145        |  | 500     |
|                                                  | 600 x 500 x 380   | 592 x 492 x 380  | 5       | 0.39                     | 145        |  | 500     |
|                                                  | 600 x 600 x 380   | 592 x 592 x 380  | 6       | 0.47                     | 145        |  | 500     |
|                                                  | 600 x 300 x 500   | 592 x 287 x 500  | 3       | 0.30                     | 155        |  | 500     |
|                                                  | 600 x 500 x 500   | 592 x 492 x 500  | 5       | 0.50                     | 155        |  | 500     |
|                                                  | 600 x 600 x 500   | 592 x 592 x 500  | 6       | 0.58                     | 155        |  | 500     |
|                                                  | 600 x 300 x 635   | 592 x 287 x 635  | 3       | 0.36                     | 155        |  | 500     |
|                                                  | 600 x 500 x 635   | 592 x 492 x 635  | 5       | 0.61                     | 155        |  | 500     |
|                                                  | 600 x 600 x 635   | 592 x 592 x 635  | 6       | 0.72                     | 155        |  | 500     |

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