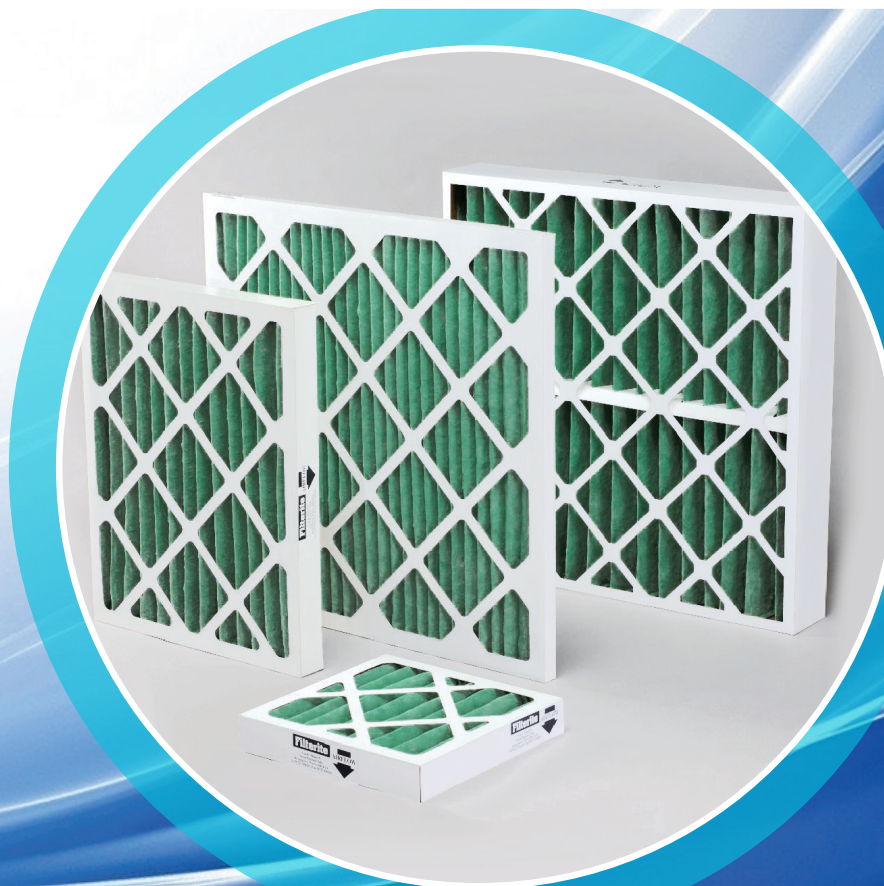


### FEATURES AND BENEFITS

The Filterite Pleated Panel range are fully tested and compliant with ISO16890.

Manufactured from a fully synthetic polyester material, laminated to a wire support grid and enclosed in a rigid waxed board outer frame to offer maximum strength and support. A finger separator is inserted into the 100mm filter to aid pleat stability.

It offers a consistent performance as a pre-filter and provides a medium level of filtration efficiency in air conditioning systems to a wide range of applications.



### APPLICATIONS

Can be used as a stand alone filter for General Heating, Ventilation and Air Conditioning systems and also as a very effective pre-filter on multi-stage filter applications.

- Office Blocks
- Retail Stores
- Hotels
- Food Industry
- Hospitals
- Paint Shops
- Leisure Industry

### PRODUCT OPTIONS AVAILABLE

- Wide range of standard sizes off the shelf
- Non-standard sizes available and made to order
- Waxed Card Frame as standard
- Beverage Board Frame available upon request
- Metal frames available
- HC Pleated Panels available
- Self Supporting Pleated Panels 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

| Filter Depth                 | Filter Size   |              | Rated Capacity<br>(m3/hr) | Resistance |                  |
|------------------------------|---------------|--------------|---------------------------|------------|------------------|
|                              | Nominal h x w | Actual h x w |                           | Initial    | Pascals<br>Final |
| 100mm Nominal<br>96mm Actual | 450 x 450     | 445 x 445    | 2380                      | 85         | 250              |
|                              | 500 x 400     | 495 x 395    | 2380                      | 85         | 250              |
|                              | 500 x 500     | 495 x 495    | 2950                      | 85         | 250              |
|                              | 600 x 300     | 596 x 287    | 2125                      | 85         | 250              |
|                              | 600 x 500     | 495 x 595    | 3540                      | 85         | 250              |
|                              | 600 x 600     | 595 x 595    | 4250                      | 85         | 250              |
|                              | 635 x 400     | 620 x 395    | 2940                      | 85         | 250              |
|                              | 635 x 500     | 620 x 495    | 3700                      | 85         | 250              |
| 50mm Nominal<br>47mm Actual  | 300 x 300     | 287 x 287    | 790                       | 75         | 250              |
|                              | 380 x 380     | 375 x 375    | 1300                      | 75         | 250              |
|                              | 450 x 450     | 445 x 445    | 1895                      | 75         | 250              |
|                              | 500 x 380     | 495 x 369    | 1750                      | 75         | 250              |
|                              | 500 x 400     | 495 x 395    | 1870                      | 75         | 250              |
|                              | 500 x 500     | 495 x 495    | 2360                      | 75         | 250              |
|                              | 600 x 300     | 595 x 287    | 1700                      | 75         | 250              |
|                              | 600 x 400     | 595 x 395    | 2250                      | 75         | 250              |
|                              | 600 x 450     | 595 x 445    | 2540                      | 75         | 250              |
|                              | 600 x 500     | 595 x 495    | 2830                      | 75         | 250              |
|                              | 600 x 600     | 595 x 595    | 3400                      | 75         | 250              |
|                              | 635 x 400     | 620 x 395    | 2350                      | 75         | 250              |
|                              | 635 x 500     | 620 x 495    | 2950                      | 75         | 250              |
| 25mm Nominal<br>22mm Actual  | 500 x 400     | 495 x 395    | 1400                      | 70         | 250              |
|                              | 500 x 500     | 495 x 495    | 1780                      | 70         | 250              |
|                              | 600 x 300     | 595 x 287    | 1230                      | 70         | 250              |
|                              | 600 x 500     | 595 x 495    | 2130                      | 70         | 250              |
|                              | 600 x 600     | 595 x 595    | 2560                      | 70         | 250              |
|                              | 630 x 400     | 620 x 395    | 1760                      | 70         | 250              |
|                              | 635 x 500     | 620 x 495    | 2200                      | 70         | 250              |

Typical examples of dust holding capacities of 600 x 600 x 50 = 222g, 600 x 600 x 100 = 358g at tested airflow. Individual dust capacities for other sizes available upon request.  
Fire retardant to DIN 53438-3 (F1)

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