

Filterite

HC Self Supporting Pleated Panel

ISO 16890 Filter Class ISO Coarse 60%
G4 Efficiency EN779:2012

FEATURES AND BENEFITS

A new addition to our range is the High Capacity Self Supporting (HCSS) Pleated Panel.

Offering consistent performance levels whilst providing high indoor air quality, the design of the new HCSS with its thermally set self-supporting pleats, means increased filter life cycles and reduced maintenance costs can be achieved.

With over 95% more filter media than a conventional pleated panel and a uniformed pleat configuration a greater dust holding capacity is achieved which in turn creates a longer service life, hence saving energy and money

Ideally suited for high moisture content installations.



for illustration purposes only

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
- Standard Pleated Panels available
- HC 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



Performance Details

Filter Depth	Filter Size		Rated Capacity (m3/hr)	Resistance	
	Nominal h x w	Actual h x w		Initial	Pascals Final
100mm Nominal 96mm Actual	450 x 450	445 x 445	2000	49	200
	500 x 400	495 x 395	2000	49	200
	500 x 500	495 x 495	2600	49	200
	600 x 300	596 x 287	1700	49	200
	600 x 500	495 x 595	3000	49	200
	600 x 600	595 x 595	3400	49	200
	635 x 400	620 x 395	2400	49	200
	635 x 500	620 x 495	3100	49	200
50mm Nominal 47mm Actual	380 x 380	375 x 375	1200	65	200
	450 x 450	445 x 445	1800	65	200
	500 x 380	495 x 369	1600	65	200
	500 x 400	495 x 395	1800	65	200
	500 x 500	495 x 495	2200	65	200
	600 x 300	595 x 287	1600	65	200
	600 x 400	595 x 395	2200	65	200
	600 x 450	595 x 445	2400	65	200
	600 x 500	595 x 495	2600	65	200
	600 x 600	595 x 595	3400	65	200
	635 x 400	620 x 395	2200	65	200
	635 x 500	620 x 495	2800	65	200

Typical examples of dust holding capacities of 600 x 600 x 50 = 380g, 600 x 600 x 100 = 639g at tested airflow. Individual dust capacities for other sizes available upon request.
Fire retardant to DIN 53438-3 (F1)

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