Filterite

HC Pleated Panel

ISO 16890 Filter Class ISO Coarse 70% G4 Efficiency EN779:2012

FEATURES AND BENEFITS

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

Offering approx. 40% more filter media than our standard pleated panels the HC panel offers greater dust holding capacity along with extended filter life.

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.

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
- Self Supporting Pleated Panels available

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

www.filterite.co.uk

Tested acc.to: ISO 16890

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Performance Details

Filter Depth	Filter Size		Rated Capacity (m3/hr)	Resistance	Pascals
	Nominal h x w	Actual h x w		Initial	Final
100mm Nominal 96mm Actual	450 x 450	445 x 445	2380	80	250
	500 x 400	495 x 395	2380	80	250
	500 x 500	495 x 495	2950	80	250
	600 x 300	596 x 287	2125	80	250
	600 x 500	495 x 595	3540	80	250
	600 x 600	595 x 595	4250	80	250
	635 x 400	620 x 395	2940	80	250
	635 x 500	620 x 495	3700	80	250
50mm Nominal 47mm Actual	300 x 300	287 x 287	790	70	250
	380 x 380	375 x 375	1300	70	250
	450 x 450	445 x 445	1895	70	250
	500 x 380	495 x 369	1750	70	250
	500 x 400	495 x 395	1870	70	250
	500 x 500	495 x 495	2360	70	250
	600 x 300	595 x 287	1700	70	250
	600 x 400	595 x 395	2250	70	250
	600 x 450	595 x 445	2540	70	250
	600 x 500	595 x 495	2830	70	250
	600 x 600	595 x 595	3400	70	250
	635 x 400	620 x 395	2350	70	250
	635 x 500	620 x 495	2950	70	250
25mm Nominal 22mm Actual	500 x 400	495 x 395	1400	65	250
	500 x 500	495 x 495	1780	65	250
	600 x 300	595 x 287	1230	65	250
	600 x 500	595 x 495	2130	65	250
	600 x 600	595 x 595	2560	65	250
	630 x 400	620 x 395	1760	65	250
	635 x 500	620 x 495	2200	65	250

Typical examples of dust holding capacities of 600 x 600 x 50 = 309g, 600 x 600 x 100 = 431g at tested airflow. Individual dust capacities for other sizes available upon request.
Fire retardant to DIN 53438-3 (F1)

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