

Pleated Panel Filter



With the increased demands of advancing technology the Pleated panel Filter provides a high level of protection at a low replacement cost. The product is suitable for use in general filtration applications or as the first line of protection for a more elaborate filtration system. Being fully incinerable the product is particularly suited for application where this form of disposal of the spent filter is anticipated.

Construction

The Pleated panel Filter contains a core of pleated non-hygroscopic and hydrophobic fibrous media designed specifically for use in air filtration.

The media is manufactured with a graded fibre density to ensure optimum and even dust retention combined with low initial resistance and is thermally bonded onto a galvanised steel support mesh for maximum physical stability. The aerodynamic pack is then fully bonded into a moisture resistant rigid white lined card frame and fitted with an airflow indicator.

Applications

The product is suitable for use as a pre-filter for higher grades of air filtration or for use as a simple filter for general use within air handling systems where the use of glass-fibre is unacceptable.

Range

Is disposable filter panel is available in a large range of standard sizes in 1" and 2" & 4" (25, 50 & 100mm) nominal depths and may also be produced in non-standard sizes to suit application requirements.

The key attributes of the product are consistent efficiency, robust construction and long life combined with low replacement cost.

Filter depth (nominal)	Rated Velocity m/s	Efficiency Rating (EN 779)	Dust Holding Capacity g/m ²	Max Temp °C	Max Humidity	Initial Resistance at RV (pa)	Rated Final Resistance (pa)
1"	1.5	G3	400	100	80%RH	25	250
2"	2.5	G4	625	100	80%RH	37	250
4"	3.2	G4	825	100	80%RH	68	250

Please note: In their continuous search for product improvement Dustop Ltd reserve the right to change materials and specifications without prior notice.

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