

## PRODUCT DATASHEET

### THE FP/PL PLEATED DISPOSABLE PANEL - G4 TO EN779

With the increased demands of advancing technology, the FP/PL Disposable 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 FP/PL Disposable 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 FP/PL Disposable panel 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

The FP/PL 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 Reference	Rated Velocity m/s	Efficiency Rating (EN 779)	Dust Holding Capacity g/m <sup>2</sup>	Max Temp 0c	Max Humidity	Initial Resistance at RV (pa)	Rated Final Resistance (pa)
FP/PL1	1.5	G3	400	100	80%RH	25	250
FP/PL2	2.5	G4	625	100	80%RH	37	250
FP/PL4	3.2	G4	825	100	80%RH	68	250

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