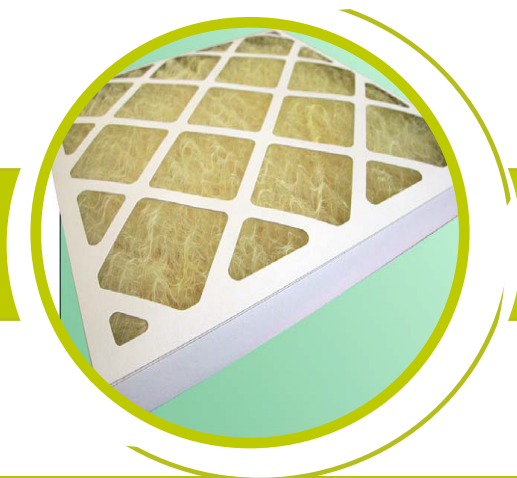


# PROCEL



## Filter media with cardboard frame.

The PROCEL filter media products are designed to protect pocket filters, and medium and high efficiency filters. They are ideal for pre-filtration systems, for medium filtration in air conditioning, recycling air or heating units. The PROCEL filter has a rigid cardboard supporting structure on which 3 different types of media can be adapted.

### Advantages

#### Resistance

Thanks to its special cardboard frame, the PROCEL filter can withstand high humidity levels: + 80% RH.

#### Protection

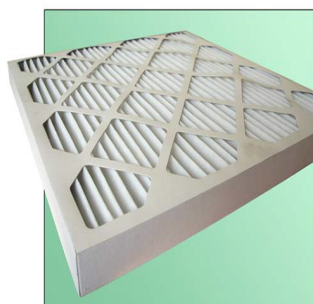
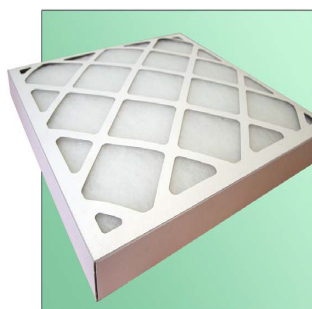
Used for pre-filtering, our PROCEL filters capture the large particles. This significantly increases the operating life of our high efficiency filters; indeed these filters will accumulate less dirt.

#### Easy to use

The PROCEL filter media can be easily installed since it adapts to a universal frame, upstream or downstream, on a slide in a pre-filtration or recycling unit. Once dirty, the PROCEL filter is disposable.

#### Adaptable

Three types of medias can be adapted to the cardboard frame. Depending on the efficiency level required, the three main medias are: Glass fibre (PROCEL FIB), synthetic (PROCEL PLAN) and synthetic folded (PROCEL PLI).



### Characteristics

	PROCEL FIB (Glass fibre)		PROCEL PLAN (Synthetic)			PROCEL PLI (Pleated)
	1"	2"	1"		1"	
Nominal depth (inch)	1"	2"	1"		1"	
Actual depth (mm)	24 mm	48 mm	24 mm		48 mm	
Classification EN 779	G2	G3	G3	G4	M5	G4
Gravimetric efficiency %	75-80%	80-85%	87%	90%	96%	90%
Passage speed (m/s)	2,5 M/S		1,5	1,5	0,7	1,5 to 3
Load loss – New state (mm of water column)	20 Pa	30 Pa	23Pa	27Pa	21Pa	25/30 Pa
Maximum load loss (mm of water column)	150 Pa	250 Pa	250 Pa	250 Pa	300 Pa	200/300 Pa
Operating temperature limit	80°C					
Flow rate M3/H/m <sup>2</sup>	1600 to 3400					5400

\* The flow rates m3/h/m may vary depending on the initial load losses

### Packaging

Please consult us for the various sizes.

\* Cut panels are packed in accordance with their size and quality in flexible packaging (film).