

PROCLAR



Medium and high efficiency pocket filter.

The PROCLAR filter media products are used as pre-filters for medium and high efficiency filtration. The PROCLAR filter consists of a galvanised stainless steel metal frame, a plastic frame and a pocket. The pocket is made from either synthetic media or micronised glass fibre.

Advantages

Resistance

Thanks to its design, the PROCLAR filter offers excellent resistance to mechanical stresses and humidity: + 80% RH.

Many applications

Our PROCLAR filters can be used for many applications :

- Machine tools
- Ventilation, heating, air conditioning
- Ventilation of computer rooms
- Filtration of painting lines
- Laboratories, hospitals
- Agri-food industry
- Optical, electronics

Many applications

The filter media is easily installed since it is assembled in sliding units and positioned in line.

Protection

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

Innovation: PROCLAR RIG

Rigid pockets: They can be used in more demanding conditions (installations with a variable air volume, high humidity, intermittent water exposure) compared with soft pockets. They have a larger filtering surface than soft pockets, as well as a lower load loss and therefore a longer operating life. Finally, with its rigid polystyrene frame, it is easy to install and replace this filter..

Packaging

Our filtering pockets are made to measure. Please contact us for a quotation.

Caracteristics

	PROCLAR		
Frame depth (mm)	20-25 mm		
Classification EN 779	G3	G4	M5
Grauimetric efficiency %	80%	85%	90%
Opacimetric efficiency %	25%	35%	45%
Load loss - New state(mm of water column)	25 Pa	35/40 Pa	60/70 Pa
Maximum load loss(mm of water column)	200/250 Pa	200/250 Pa	250 Pa
Media used	Thick synthetic media		
Maximum temperature	100°C		
Flow rate M3/H/m ²	2500 to 5000		
FIRE Classification	F1 DIN 53438		

* The flow rate can be increased by increasing the initial load losses.

PROCLAR filtering pockets made from fine Synthetic media (Meltdown) exist with an opacimetric efficiency of up to 95% (classification F9). Please contact us for more information.

	PROCLAR RIG			
Classification EN 779		F7	F8	F9
Opacimetric efficiency %	65%	85%	90%	95%
Load loss - New state(mm of water column)	130 Pa	120 Pa	140 Pa	160 Pa
Maximum load loss(mm of water column)	500 à 600 Pa			
Media used	Polypropylene synthetic media			
Maximum temperature	80 - 100°			
Speed m/s	1,5 to 4			
Humidity resistance	100 %			
FIRE Classification	F1 DIN 53438			

INTERNATIONAL



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