

amaDepth activated carbon filter sheets (PFA range)

amaDepth activated carbon filter sheets (PFA range) are high performance filter sheets for various markets and applications, which have been designed to meet the customer needs.

Features

These filter sheets are used where the benefits of activated carbon are required. These sheets offer a clean, single-step method for colour removal. They will also remove odours, off-tastes and chlorines among others.

Typical applications

Food and beverage, chemicals, fine chemicals, pharmaceutical industry.

Filter sheet composition

The amaDepth PFA filter sheets are made from high quality cellulose together with activated carbon, filter aids and wet strength resin. These sheets are chemically inert and are compatible with food and beverage applications as well as a wide range of other applications.

These amaDepth filter sheet materials are also available as lenticular filter modules in 12" and 16" diameter (see Data Sheet 5600).

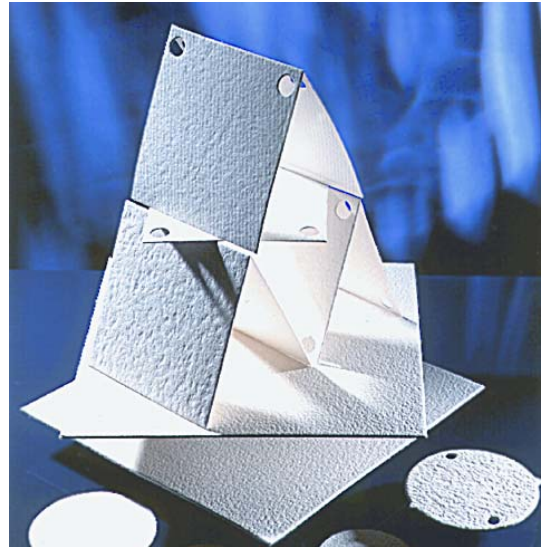
Specifications and support

Food grade classifications

All amaDepth PFA filter sheets fulfil the requirements of Regulation (EC) No 1935/2004, BfR Recommendation XXXVI, FDA CFR 21 176.170 and Food Chemical Codex standards, as applicable.

Technical support

Our team of engineers and laboratory staff are able to determine the optimal filter sheet using state of the art analytical techniques. We can therefore recommend the optimal filter sheet to use for your application.



Quality traceability

Our quality policy enables us to have full traceability of all of our amaDepth PFA filter sheets. Each batch of filter sheets is uniquely labeled with its own batch number which is detailed on all the documentation and packaging.

Sheet sizes

All amaDepth PFA filter sheets can be supplied in the standard sizes as well as in any other required size and shape.

Storage

Store filter sheets in a place which is dry, cool and free from strong odours.

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Type	Thickness [mm]	Weight [g/m ²]	Burst strength [kPa]		Water permeability [l/min/m ²] @ 100 kPa	Carbon content		Application examples
			dry	wet		[%]	[g/m ²]	
PFA 3	4.6	1300	220	70	1000	45	585	Colour removal before cristallisation, odour removal from gelatine, colour removal from liquid sugar
PFA 3 L	3.5	1000	190	80	1000	45	450	
PFA 3 C	4.6	1300	250	90	1000	60	780	

amafiltergroup and CSS approach

amafiltergroup is serving the industry on a world wide basis with Consumables, Services and Systems. We can offer a wide range of filtration solutions, making the amafiltergroup approach very flexible, thus enabling us to meet the customer requirements precisely.



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