

amaDepth filter sheets for high flow and high viscosities (PFU range)

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

Features

Typical applications

PFU 2 and PFU 4 filter sheets can be used where open sheets are required, due to higher flow or higher viscosities.

PFU 20, 30 and 40 are sheets with varying thicknesses, which can be used in special filtration applications.

Application examples are prefiltration of sugar syrups, fruit juices and gelatine as well as paints, resins and varnishes.

Filter sheet composition

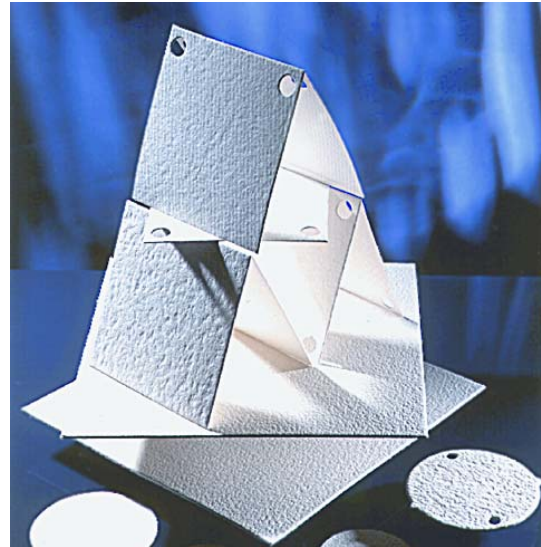
The amaDepth filter sheets are made from high quality cellulose together with different filter aids and wet strength resin. These sheets are chemically inert and are compatible with food and beverage applications as well as a wide range of other applications.

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 PFU filter sheets fulfil the requirements of Regulation (EC) No 1935/2004, BfR Recommendation Ch 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 PFU 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 PFU 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]	Ash content [% weight]	Burst strength [kPa]		Water permeability [l/min/m ²]
				dry	wet	
PFU 2	4.5	720	1	500	150	25 000
PFU 4	4.6	850	14	440	150	13 000
PFU 20	2.0	450	1	400	140	
PFU 30	3.0	600	1	520	170	
PFU 40	4.0	790	1	550	180	

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.

