FIBRAFIX®
Filter sheets

Standard sizes: 200, 400, 600 mm

Square / Round | Specific cut-outs

Special formats and dimensions on request

FIBRADISC®
Filter modules

Ø 12" | Ø 16" | Lenses: 16 (reduced number on request)

HT (high temperature version)

PLUS 2 (back flushable version)

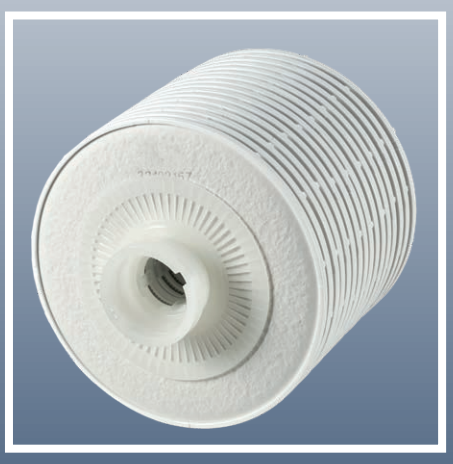
TYPES	COARSE FILTRATION					FINE FILTRATION							STERILE FILTRATION				
AF		09		11	17	21	31	41		71		101	110	120	130	140	
XS (specifically for spirits)						40		70	80	90		100	110				
SY (with synthetic fibers)							30		50			100		120			

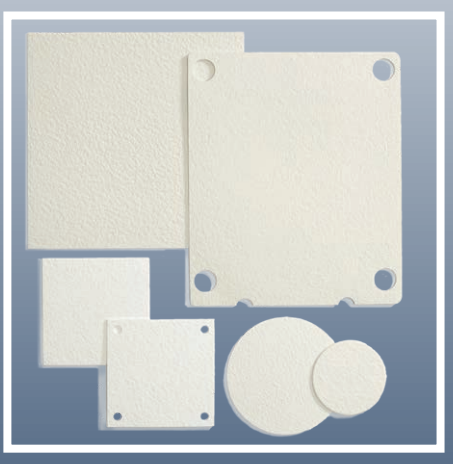
Note: All filter sheet types and grades are also available as filter modules.

Additional filter media from this product line					
FIBRACAP®	Capsule for lab trials	2"			

Note: FIBRACAP® are availabe with different above mentioned FIBRAFIX® grades inserted.







Technical Data Sheet

FIBRACAP® AF

SINGLE-USE DEPTH FILTRATION UNITS

Description

Single-use capsule containing depth filter sheets in a disposable format.

- Designed for small-scale filtration trials and lab-scale process
- Easy handling
- Linear scalable from process development to production scale

Materials

	Material in contact with the filtered product
Filter sheet FIBRAFIX® AF	Refer to FIBRAFIX® AF Technical data sheet
Capsule plastic material	PA – Polyamide

Capsules technical data

	Value
Filter area	21.2 cm^2
Diameter / effective filter media Ø	60 mm / 52 mm [2"]
Housing	Transparent polyamide
In/outlet connection Ø [inches/mm]	¼" / 6.4
In/outlet	Marked

Operating Conditions

	Value
Flow rate	Depending on application and filter sheet grade
Max. operating temp. continuous [°C/°F]	60.0 / 140.0
Min. operating temp. continuous [°C/°F]	-5.0 / 23.0
Max. operating pressure at 25 °C [bar/psi]	2.5 bar / 36.0
Max. operating pressure at 60 °C [bar/psi]	2.0 / 29.0
Rinsing volume	50.0 L/m^2 [100 mL]
Sterilization	Autoclave 100 °C / 20 min. or chemically

Chemical Stability

Substance	**[%]**	**Media**	**PA**	**Substance**	**[%]**	**Media**	**PA**
NaOH	1.0	r	r	Acetic acid	20.0	r	lr
HCl	5.0	r	r	Peracetic ac	0.1	r	r
HNO_3	5.0	r	lr	Acetone	conc.	r	lr
H_2SO_4	10.0	r	lr	Ethanol	80.0	r	lr
Citric acid	10.0	r	lr	SO_2	0.1	r	r

r = resistant, lr = limited resistance at T = 20 °C. This table is for guidance purposes only.

Quality Assurance

Certified to:
- ISO 9001 (quality management)

Compliant to:
- Recommendation XXXVI/1 of the German Federal Institute for Risk Assessment (Bundesinstitut für Risikobewertung, BfR)
- FDA (US Food and Drug Administration) 21 CFR 177.2260 e-k
- USP Class VI

Packaging and Storage

Filter capsules are hygienically packed in plastic bags and placed in cardboard boxes. They must be stored in their original packaging in a dry, odorless, and well-ventilated area. The capsules are intended for immediate use and should be used within 36 months for life science and 60 months for food and beverages from the date of manufacture.

Disposal

The respective official regulations for disposal must be followed depending on the filtered product. Uncontaminated capsules can be disposed of as non-hazardous waste.

Remarks

The validity of the information cannot be guaranteed for every application. All information is based on current knowledge and does not claim to be complete. No liabilities can be derived from this information. FILTROX reserves the right to make changes in the course of technical improvements.

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