



DISPOSABLE DEPTH FILTRATION UNITS

- Description** Filter capsules carrying PURAFIX® depth filter sheets
- Designed for small-scale filtration trials and lab-scale process
 - No extra filter holder needs
- Components**
- Sheet: Purified and bleached cellulose from sustainable sources, natural filter aids, wet strength agent
- Capsule: Polyamide (PA)
- Grades** Please refer to the Technical Data Sheet of the PURAFIX® filter sheets

Dimensions

Technical Specifications	Value
Filter area	21.2 cm ²
Diameter / effective filter media diameter	60 mm / 52 mm [2 inches]
Housing	Transparent polyamide
Hose connectors	¼ inches tube clips
In/outlet	Marked

Operating Conditions

Parameter	Recommendation
Maximal capsule differential pressure	2.5 bar [at 20 °C]
Rinsing volume	50.0 L/m ² [100 mL]
Flow rate	Depending on application and filter sheet grade
Max. temperature (continuous)	60 °C [max. 2.0 bar]
Min. temperature (short term)	-20 °C
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 ₂ SO 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
 - EU-Directive 10/2011
 - USP Class VI

Packaging and Storage

PURACAP® is hygienically wrapped in sealed plastic bags and placed in cardboard boxes. They must be stored in their original packaging in a dry, odorless and well-ventilated area. PURACAP® should be used within 60 months 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.