Surface (Membrane)

CERTAIN-PORE

ACTX Type

Major Applications

- Clarification of organic solvent-based chemicals
- Purification of chemically synthesized API
- Removal of catalyst

Available for Membrane disk (25mm, 47mm)

Available for Labo-Pure Capsule (LPD／LPA／LPH／LPE／LPX／LPJ)

Quality standards

- Manufactured in ISO 9001 certified plant
- FDA 21 CFR compliant
- USP Class VI plastic biological safety testing compliant
- Certificate of quality is attached to the product
- 100% simplified integrity test
- Traceability by lot number

Features

- Hydrophobic PTFE Membrane & polypropylene molded material
- Variety of micron ratings

Advantages

- Excellent chemical compatibility
- High removal efficient clarification filtration is possible.
- Optimal micron ratings selection according to the purpose

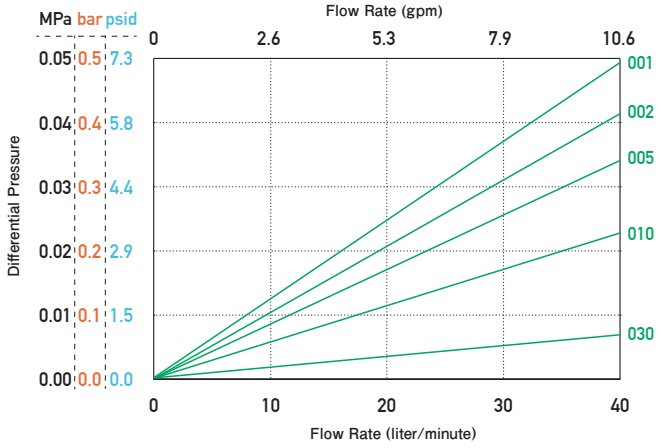
Specifications

Grades		001	002	005	010	030
Micron Ratings (μm)		0.1	0.2	0.45	1.0	3.0
E.F.A.		0.78m²/250mm				
Materials	Media	Hydrophobic PTFE Membrane				
	Core/Cage/Support	Polypropylene				
	End Cap	Polypropylene				
Maximum ΔP		0.49MPa at 20℃ (71psi at 68°F)				
Maximum Operating Temp		80℃ (176°F)				
Dimensions	Length	125／250／500／750 mm				
	O.D.	70.0mm				
	I. D.	26.1 (for F)／26.9 (for 3, 4)／30.0 (for 7) mm				
Available sterilization methods		Inline steam, Autoclave *Applicable to only code 3, 4, 7 with Silicone O-rings.				
Inline steam sterilization		126℃ (258.8℉) x 30 minutes x 20 cycles *Applicable to only code 3, 4, 7 with Silicone O-rings.				

*If you need further information on specifcations (length, end cap type, etc.), please contact us.

Differential Pressure vs Flow Rate

Fluid: Refined Water 20℃ (68℉) / Cartridge Length: 250mm



Validation items

Items	Evaluation criteria
Endotoxin (LAL)	Extraction volume with water is less than 0.25 EU/mL and complies with USP 〈85〉 requirements.
Evaporation residues	Less than 5 mg of evaporation residue per 250 mm cartridge after 24 hours in ultrapure water following autoclave sterilization
Potassium permanganate consumption	Meets the requirements of the USP Oxidizable Substance Test by flushing with at least 5,000 mL of ultrapure water after autoclaving
Filter/component toxicity	USP〈88〉Biological Reactivity Tests For ClassⅥ Plastics compliant

*Please refer to the Validation Guide for detailed testing information.

Ordering Information

Nominal Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
500L	-ACTX-	030	S	7	B
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		001 = 0.1 μm 002 = 0.2 μm 005 = 0.45μm 010 = 1.0 μm 030 = 3.0 μm	S = Silicone X = EPDM T = FEP Encapsulated FKM B = FEP Encapsulated Silicone	F = Flat Gaskets* 3 = 2-222 O-Ring + Fin 4 = 2-222 O-Ring 7 = 2-226 O-Ring + Fin *Code F is only for Silicone	A = 1pc B = 6pcs C = 10pcs F = 25pcs

End Cap Code

Code F

Code 3

Code 4

Code 7

*The contents of the catalog are subject to change without notice.
*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope

Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.

ISO 9001 JQA-QMA16323

JAB MS CM009

2nd Issue
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