


CERTAIN-PORE
ACTX_{Type}
Major Applications

Clarification of organic solvent-based chemicals

Purification of chemically synthesized API

Removal of catalyst

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

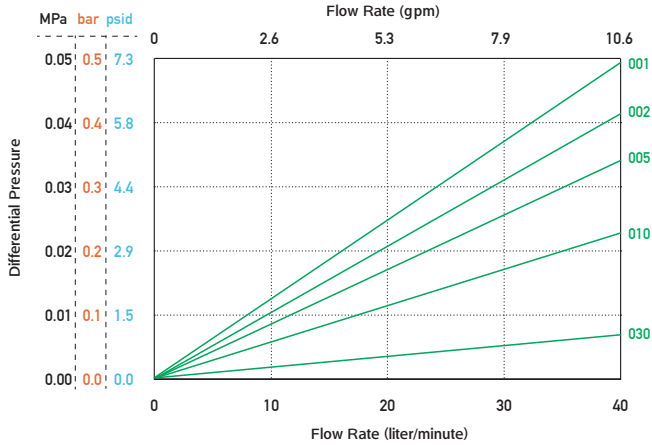
- Excellent chemical compatibility
- High removal efficient clarification filtration is possible.
- Optimal micron ratings selection according to the purpose

Specifications

Grades	001	002	005	010	030
Micron Ratings (μm)	0.1	0.2	0.45	1.0	3.0
E.F.A.	0.78m ² /250mm				
Media	Hydrophobic PTFE Membrane				
Materials Core/Cage/Support	Polypropylene				
End Cap	Polypropylene				
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)				
Maximum Operating Temp	80°C (176°F)				
Length	125/250/500/750 mm				
Dimensions 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°C (258.8°F) x 30 minutes x 20 cycles *Applicable to only code 3, 4, 7 with Silicone O-rings.				

Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / 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 Class VI Plastics compliant

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

Ordering Information

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 = 0.45 μm 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



*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.



JQA-QMA16323

MS CM009

4th Issue
 ACTX200725LE