



X-CILIA

XCA Type

Major Applications

Clarification of food and beverages

Beer, Wine, Distilled spirits,
Japanese Sake, Tea-based beverages,
Coffee, Vinegar, Soy sauce, Syrup,
Flavor and Fragrance, Oils and fats

Quality standards

- Adaptable Food Sanitation Standard
 - FDA 21 CFR*
 - *Applicable Gaskets and O-ring materials exclude EPDM.

Features

- Unique design that combines filter media and support media
- Performance-Stabilized Media which have fine fiber diameter in the inner layer
- 100% Polypropylene
- No use of binder or surfactant

Advantages

- Contaminants can evenly dispersed throughout the filter media, resulting in longer filter life.
- Available for a wide particle size distributions and solids contents
- Maintains stable filtration efficiency from the beginning to the end
- Wide range of fluid compatibility
- Low extractables risk

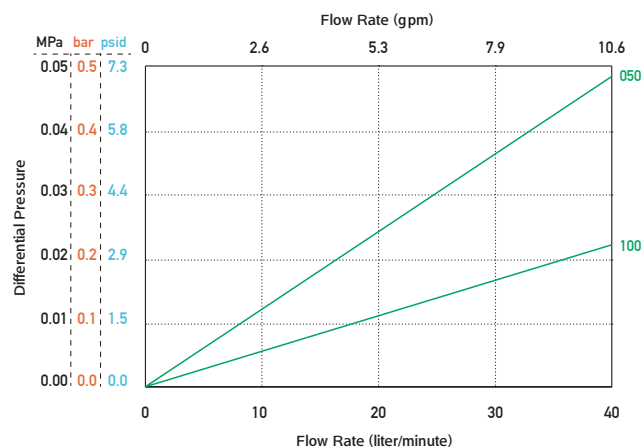
Specifications

Grades		050	100
Micron Ratings (μm)		5.0	10
Materials	Media	Polypropylene	
	Core/Cage	Polypropylene	
	End Cap	Polypropylene	
Maximum ΔP		0.49MPa at 20°C (71psi at 68°F)	
Maximum Operating Temp		60°C (140°F) *for End Cap Code PZ only / 80 °C (176°F)	
Dimensions	Length	125 / 250 / 500 / 750 mm	
	O.D.	70.0mm	
	I.D.	25.5 (for PZ) / 26.9 (for 3, 4) / 29.5 (for 7) mm	

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

Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



Particle Removal Efficiency

Grades Particle Size (μm)	Particle Removal Efficiency (%)	
	050	100
5.0	> 99.9	> 98
10		> 99.9

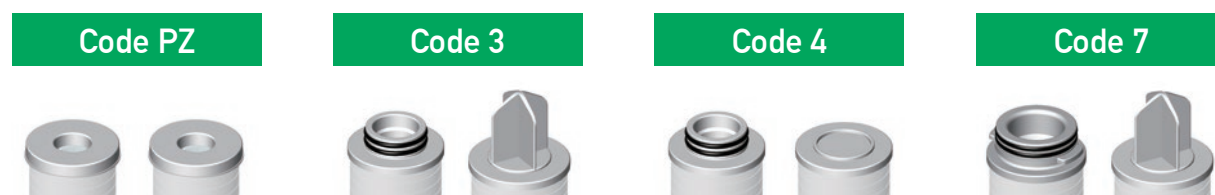
Test Conditions

Equipment : Liquid Particle Counter
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : ACFTD+LATEX Beads

Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
250 L 125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm	-XCA-	050 050 = 5.0 μm 100 = 10 μm	P P = Foamed polyethylene S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM	Z Z = For P 3 = 2-222 O-Ring + Fin 4 = 2-222 O-Ring 7 = 2-226 O-Ring + Fin	F 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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For our technical information, please click here.▼



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.



7th Issue
XCA200708LE