

Certainpore PTFE

CTA

Large surface area PTFE membrane cartridge

Roki Certainpore PTFE cartridge filters have a hydrophobic and chemically inert PTFE membrane build in polypropylene components. **The large surface area of 0,96 m²/10"** allows you to work with very low pressure drops and extends the service life of the cartridge.

The combination of a PTFE membrane and polypropylene components -all thermally welded- offer you a broad chemical compatibility with low extractables.

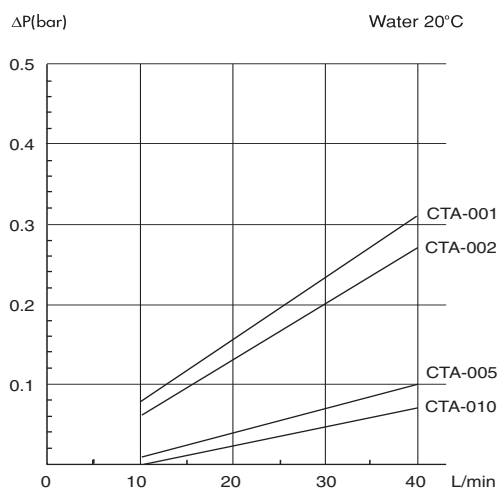
Certainpore PTFE cartridges are manufactured in a clean-room environment and ISO 9001:2000 certified plant.

Certainpore PTFE cartridges are integrity testable.

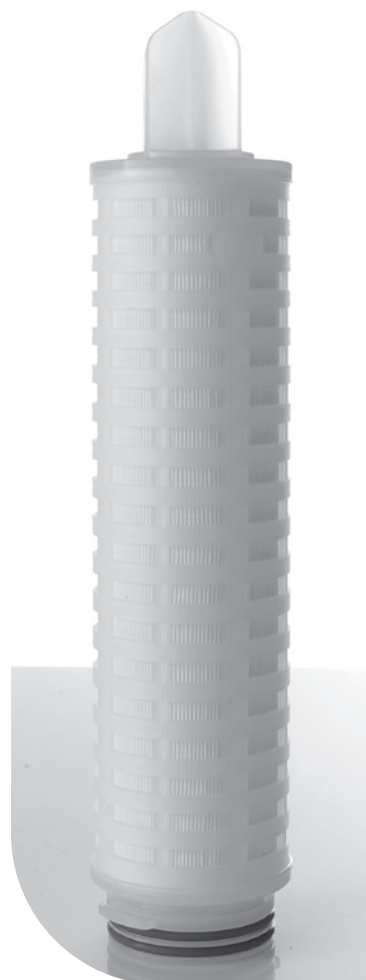
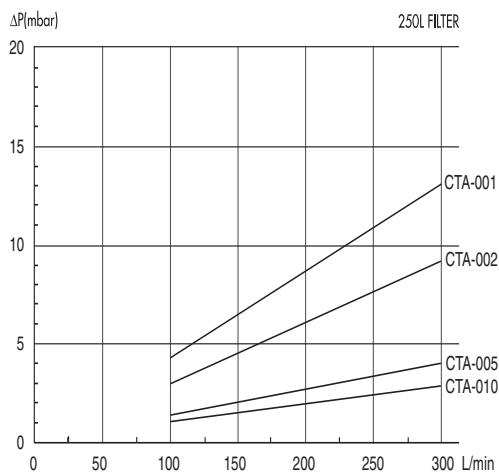
Typical applications :

- Sterile tank venting
- Fermentation air applications
- Sterile process gases
- Fine and UHP chemicals
- Solvents

1cps



AIR at 0 bar pressure



ROKI

Certainpore PTFE 096

Materials of construction

Filter medium:	PTFE (hydrophobic)
Support layers:	Polypropylene
Core, cage & end caps:	Polypropylene
Gaskets:	ref. table

Maximum Operating conditions

Temperature:	80°C
Differential pressure at 20°C:	
Out to In	5,5 bar
In to Out	3,5 bar

Sterilization

Autoclave:	121°C for 30 min
In-situ steaming in Forward direction:	121°C for 30 min at a max. differential pressure of 0,5 bar
Hot Water:	85°C for 60 min

TEST DATA

Grade	Retention μm	Filtration area in $\text{m}^2 / 250\text{L}$	Bubble Point in bar	Diffusion flow per 250mL cartridge using a 60% IPA solution	
			100% IPA	Test Pressure in bar	D.F. value ml/min
001	0,10	0,96	$\geq 1,55$	1,2	≤ 100
002	0,20	0,96	$\geq 1,08$	1,0	≤ 60
005	0,45	0,96	$\geq 0,58$	0,5	≤ 25
010	1,00	0,96	$\geq 0,19$	0,1	≤ 20

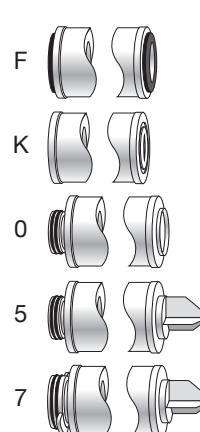
Ordering code

nom.Length mm		Grade	Gasket/O-ring	End Caps	Packaging
750L	-CTA-	002	V	7	A

125
250
500
750
1000

001
002
005
010

E = EPDM
N = NBR
S = Silicone
V = FKM
T = FEP/FKM



A = 1 pc
B = 6 pcs

With the reservation that product development might cause changes of specifications. Data sheet made February 2007.

Manufacturer

ROKI Techno Co.Ltd
6-20-12, Minamiohi
Shinagawa-Ku
Tokyo, 140-8576 Japan

European Importer

IK Inabata Europe S.A.
Avenue Louise 326 B18
1050 Brussel, Belgium
Tel. +32 2 640 49 95
Fax +32 2 640 10 26
www.inabata.be

North America

IK Inabata America Corp.
1270 Avenue of the Americas
Suite 2212, New York,
NY 10020, USA
Tel. (212) 586-7764
Fax (212) 245-2876
www.inabataamerica.com

Your distributor

