

DIA II (P) DIA II (C) Type

The DIA II cartridges are string wound filters, combined twisted and non-twisted yarns in a winding process to keep inter-fiber pores large. The DIA II cartridges provide higher removal efficiency and higher flow rates while maintaining low differential pressure.

Features

- The DIA II cartridges show high performance for the removal of gel substances.
- The DIA II(P) cartridges can be used for a wide range of applications, since they are made of Polypropylene.
- The DIA II(C) cartridges can be used for hot liquids, since they are made of Cotton.
- The product using Stainless Core provides excellent temperature compatibility.
- The product using Polypropylene Core can eliminate the separation step when disposed.



Major Applications

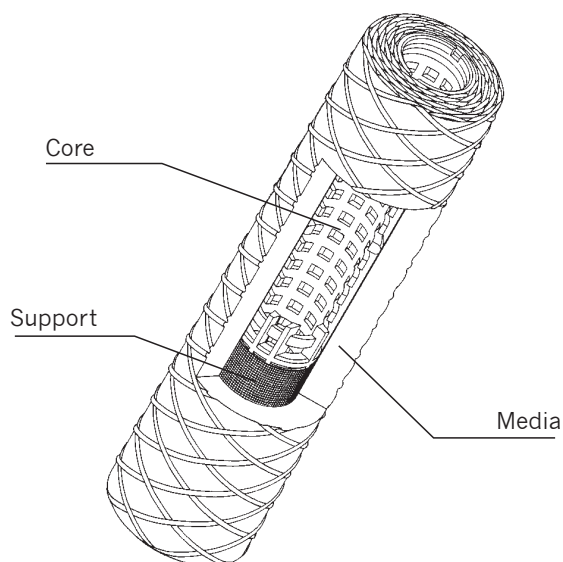
DIA II P Type)

- General water for industrial use
- Make-up water and beverages
- Oils
- Chemical solutions

DIA II C Type

- Hot Water
- Isomerized sugar and starch syrup
- Solvents

Materials of Construction



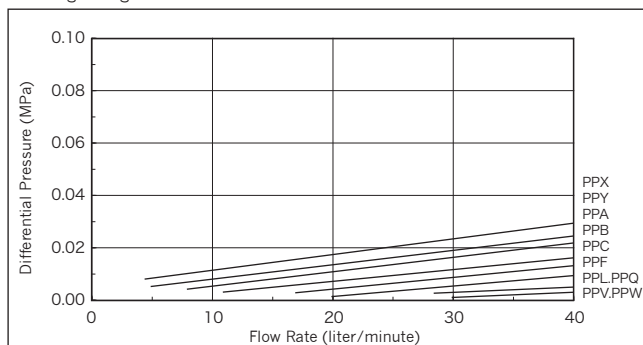
Ez-Change™ Capsule Filter Cartridge

This product can be installed in the Capsulate Filter "Ez-Change". Please refer to the Ez-Change catalog in detail.

※ Only Polypropylene-made-products can be installed

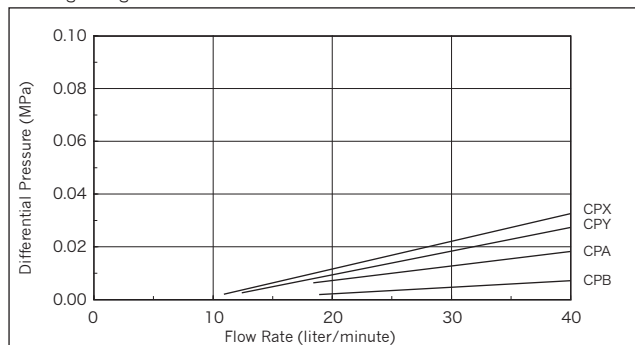
Differential Pressure vs Flow Rate

Fluid: Water(20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

Fluid: Water(20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

※Differential pressure from CPC to CPW is be low measurement limit value.

Ordering Information

250 L - DIA - P

P

X

F

[Nominal Length]
125 = 125mm
250 = 250mm
500 = 500mm
750 = 750mm

[Product Type]

[Media Type]
P = Polypropylene
C = Bleached Cotton

[Core Type]
P = Polypropylene
S = SUS304

[Micron Rating]
X = 0.5μm F = 25μm
Y = 1.0μm L = 50μm
A = 3.0μm Q = 75μm
B = 5.0μm V = 100μm
C = 10μm W = 150μm

[Packaging Code]
B = 6pcs
C = 10pcs
F = 25pcs

Specification

Product Type	DIA II										
Grade	X	Y	A	B	C	F	L	Q	V	W	
Micron Rating (μm)	0.5	1.0	3.0	5.0	10	25	50	75	100	150	
Dimensions	Length (mm)	125 / 250 / 500 / 750									
	O.D. (mm)	62.0 (P) / 62.0 (C•SUS core)/64.0 (C•PP core)									
	I. D. (mm)	29.5 (Polypropylene Core) / 28.5 (Nylon Core)									
Materials	Media	Polypropylene (P) / Viscose Rayon(C) ※Depending on micron rating									
	Support	Polypropylene (P) / Bleached Cotton (C)									
	Core	Polypropylene / SUS304									
Maximum ΔP (MPa)at 20°C	0.49										
Operating Temp.(°C)	Media Type	Polypropylene					Bleached Cotton				
	Core Type	Polypropylene		SUS304			Polypropylene		SUS304		
	Operating Temp. (°C)	60		80			80		120		
Adaptable Food Sanitation Standard	Ministry of Health, Labour and Welfare, Notice 370										

* If you need further information on specifications(length, end cap code, etc.), please contact us.
* With regard to other core type, there are reinforced PP and Nylon core available.

End Cap Code



*The contents of the catalog is subject to change without notice.