

DIA II (P) Type DIA II (C) Type (Non-twisted Fiber Media)

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

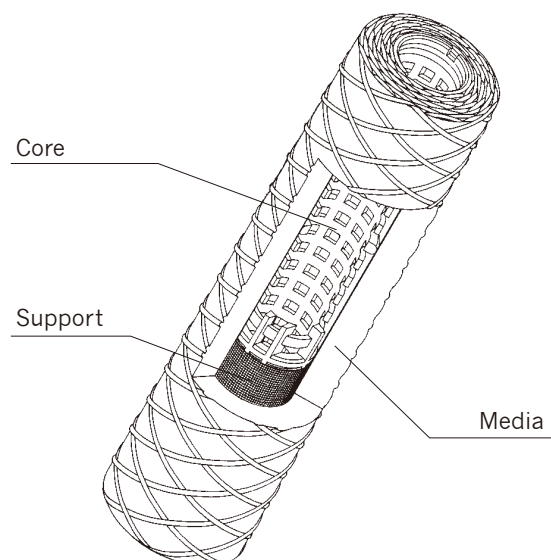
DIA II (P) Type

- 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



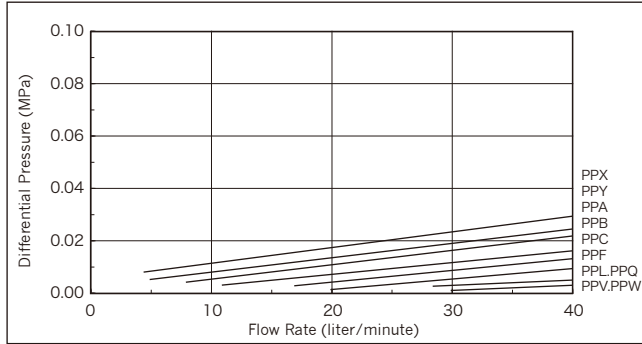
Ez-Change™ Capsule Filter Cartridge

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

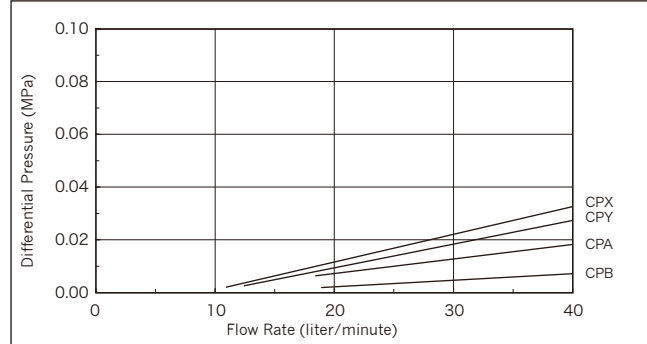
Differential Pressure vs Flow Rate

Fluid: Refined water (20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

Fluid: Refined 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.

*The above data are based on our test condition, and are not guaranteed 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•SUS304 core) / 64.0 (C•Polypropylene core)										
	I. D. (mm)	29.5 (Polypropylene Core) / 28.5 (Nylon Core)										
Materials	Media	Polypropylene (P) / Bleached Cotton (C)										
	Support	Polypropylene (P) / Rayon(C) ※Depending on micron rating										
	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		

※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.