

**Halal certified products**

## 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 can be used a process producing Halal products as they comply with Halal certification.
- 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.



### Materials of Construction

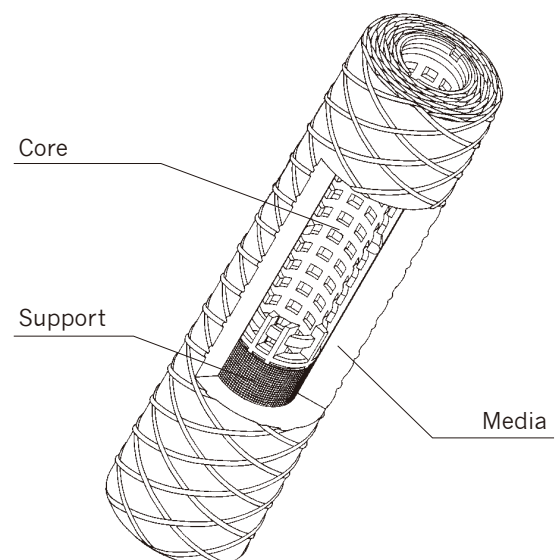
### Major Applications

#### DIA II (P) Type

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

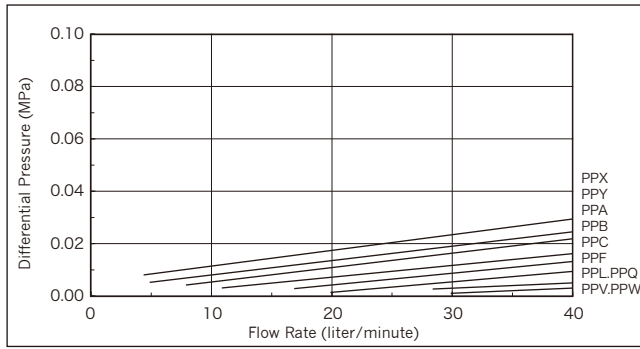
#### DIA II (C) Type

- Hot Water
- Isomerized sugar and starch syrup
- Solvents



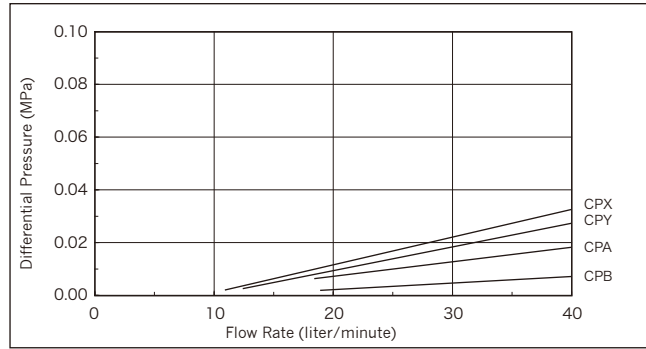
## Differential Pressure vs Flow Rate

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-H P

P

X

[Nominal Length]  
250 = 250mm  
500 = 500mm  
750 = 750mm  
1000 = 1000mm

[Product Type]

[Media Type]  
P = Polypropylene  
C = Bleached Cotton

[Core Type]  
P = Polypropylene  
S = SUS304

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

## Packaging Information

[Nominal Length Code]  
250L : 25pcs  
500L : 25pcs  
750L : 25pcs  
1000L : 10pcs

## 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)	250 / 500 / 750 / 1000									
	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.