



## DESCRIPTION

RHC Series High Flow Filter Cartridges has a 6 inch / 152 mm large diameter, and is coreless, single open ended with an inside to outside flow pattern and gradient pore structure. The large diameter with big filtration area insures to reduce the number of filter cartridges and the dimension of the filter housing required. The long service life and high flow rate result in lower investment and less manpower in many applications.

## SPECIFICATION

Micron Rating : 1, 3, 4.5, 6, 10, 20, 40, 70, 100 micron  
 Length : 20" (525mm), 40" (1033mm), 60" (1541mm)  
 Outer Diameter : 6 inch (152 mm)  
 Surface Area : 20" - 3 sqm, 40" - 6 sqm, 60" - 9 sqm

### MATERIAL

Filter Media Material : PP Melt Blown, PP Pleated, Pleated Glass Fiber

Support Material : Polypropylene

End Cap Material : Glass Fiber Reinforced PP

Seal Material : Silicone, EPDM, NBR

### PRESSURE

Maximum Differential Pressure :

PP Melt Blown : 1.03 bar at 65 C

PP Pleated : 3.4 bar at 82 C

Pleated Glass Fiber : 3.4 bar at 121 C

Recommend to change filter :

PP Melt Blown : 0.8 bar

PP Pleated : 2.1 bar

Pleated Glass Fiber : 2.1 bar

### FLOW RATE

Maximum flow rate :

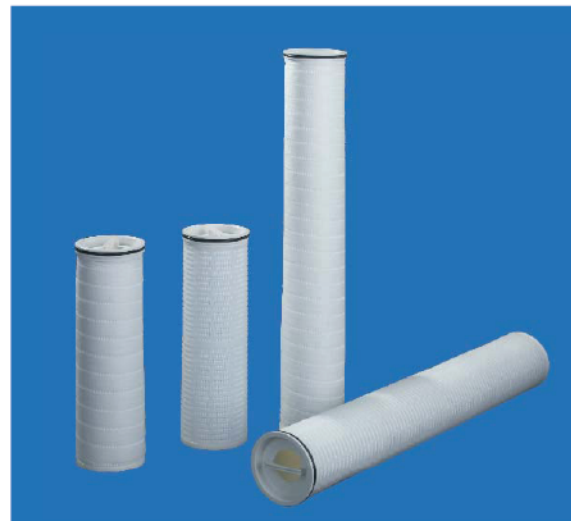
20" length : 40 m<sup>3</sup>/hr

40" length : 80 m<sup>3</sup>/hr

60" length : 120 m<sup>3</sup>/hr

## APPLICATION

- \* Pre-filtration of RO or other desalination system
- \* Condensate water filtration, hot water recovery in power generation
- \* API, solvents and water filtration for Bio Pharm
- \* Filtration of bottled water, high fructose, edible oil, soft drinks, milk
- \* Coating, paint, petrochemical, refineries
- \* Microelectronics, film, fiber, resin
- \* Others



## ORDERING INFORMATION

RHC Series	05 Micron Rating	40 Length (Nominal L.)	PP Media	E Seal Material
RHC	1, 3, 4.5, 6, 10, 20, 40, 70, 100	20 = 10" 40 = 20" 60 = 30"	PM = PP Melt Blown PP = PP Pleated GF = Pleated Glass Fiber	E = EPDM B = NBR