



### Description

**Antibacterial Max-Flow High Flow filters** is made of patented antibacterial fiber for applications such as cooling water, Pre-RO, and waste water reuse filtration.

The principle of antibacterial is to destroy the metabolism of cells by the metal ion  $Zn^{+2}$ , and achieve the purpose of antibacterial.

The filters have a large diameter, coreless, single open-ended, pleated cartridge with an inside out flow path.

### Specifications

#### Materials:

- Medium: *Petazo* antibacterial fiber
- The others : Polypropylene

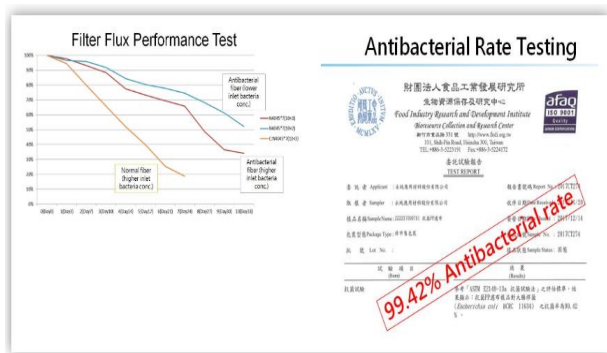
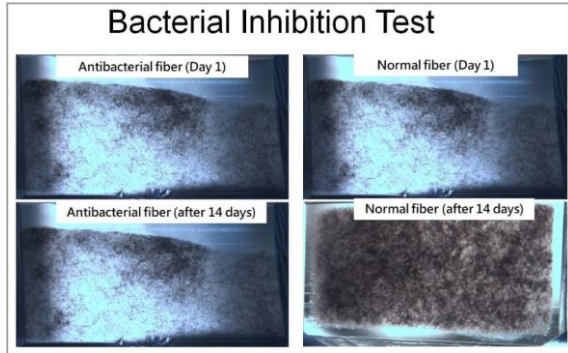
**Removal Ratings:** 0.2, 0.45, 1, 5 $\mu$ m

#### Configurations:

- Diameter : 152.4mm (6 inches) (Outer diameter )  
80mm (3.2 inches) (Inner diameter)
- Length: 20, 40, 60 inch
- Maximum operating temperature: 80°C (176°F)
- Maximum operating forward pressure drop: 3.5bar (50.7 psi) at 25°C (77°F)

### Benefits & Features

- *Petazo* patent is approved by USA, Japan, Korea, Taiwan Singapore and India.
- Antibacterial capability  $\geq 99\%$ , based on ASTM E2149 standard.
- Effectively reduce TOC and bacterial growing in downstream of flow loop.
- Effectively extend the life time of the filters and reduce blocking of RO membrane.



## Applications

- RO Pre-Filtration
- UF Membrane Pre-Filtration
- Cooling water filtration
- Pre filters or Final filters for waste water

## Ordering Information

MFHA	C10	4	E	S	
Product Name	Rating (um)	Length	O-ring	Type	Special
Max Flow	<b>B20:</b> 0.2	<b>2:</b> 20"	<b>E:</b> EPDM	<b>S:</b> PP Ribbon	<b>I:</b> Strengthen cap
Antibacterial	<b>B45:</b> 0.45	<b>3:</b> 30"	<b>S:</b> Silicone	<b>T:</b> PET Ribbon	
In-Out	<b>C10:</b> 1	<b>4:</b> 40"	<b>V:</b> FKM	<b>X:</b> Cage	
	<b>C50:</b> 5	<b>6:</b> 60"	<b>T:</b> FEP	<b>SN:</b> PP Ribbon+Nets	
			encapsulated FKM	<b>TN:</b> PET Ribbon+Nets	
				<b>N:</b> Nets	
				<b>SP:</b> PP Ribbon+Cage	
				<b>TI:</b> PET Ribbon+Core+Cage	
				<b>SI:</b> PP Ribbon+Core+Cage	

## Dimensions

Max-Flow High Flow							
Diameter	End Cap & Core number	Part of Measurement	20"	30"	40"	60"	C1 C2
		SS	476	711	1000	1494	159 75
		SE	486	720	1009	1503	
		Overall	506	740	1030	1525	
		SE	486	720	1009	1503	159 75
		Overall	507	740	1030	1525	