

Description 描述



Antibacterial 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 patented procedure to mix nano-zinc with plastic, obtaining a Petazo membrane having nano-zinc particle capable of being antibacterial and inhibiting the growth of bacteria

抗菌型过滤器 由专利抗菌纤维制成，适用于冷却水，RO 前滤心和废水回收过滤等应用。

抗菌的原理是通过金属离子 $Zn + 2$ 破坏细胞的代谢，达到抗菌的目的。

将纳米锌与塑料混合的专利程序，获得具有纳米锌颗粒的 Petazo 滤材，该滤材具有抗菌和抑制细菌生长的作用。

Specifications 规格

Materials 材料:

- Medium: Petazo antibacterial fiber
- The others : Polypropylene

Removal Ratings 有效滤径: 0.2, 0.45, 1, 5μm

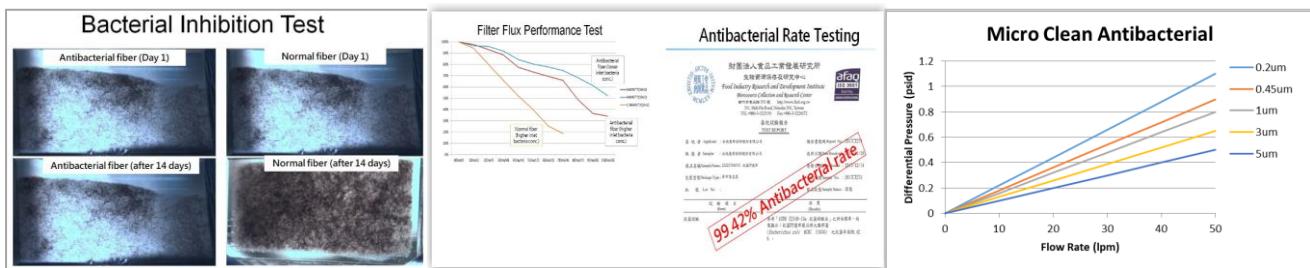
Configurations 结构:

- Diameter 直径 : 69mm
- Length 长度: 10, 20, 30, 40 inch
- Maximum operating temperature 最高使用温度: 80°C (176°F)
- Maximum operating forward pressure drop 最高正向流压差: 5.62bar (80 psi) at 24°C (75°F)

Benefits & Features 优点和特色

- 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.
- Petazo 专利已获得美国，日本，韩国，台湾，新加坡和印度的批准。
- 抗菌能力 $\geq 99\%$ ，依据 ASTM E2149 标准。
- 有效减少循环回路下游的 TOC 和细菌生长。
- 有效抑制细菌，延长过滤器的使用寿命，减少反渗透膜的堵塞。

Performance 性能



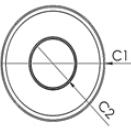
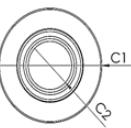
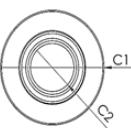
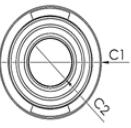
Applications 应用

- RO Pre-Filtration
- UF Membrane Pre-Filtration
- Cooling water filtration
- Pre filters or Final filters for waste water
- RO 预过滤
- 超滤膜预过滤
- 冷却水过滤
- 废水的预过滤器或最终过滤器

Ordering Information 订购讯息

MC	SA	C10	1	E	DO	A
Product Name	Grade	Rating (um)	Length	O-ring	Code Number	Pre-Flush
Micro Clean	S: Standard	B20: 0.2	A: 5"	E: EPDM	DO: Double Open (full length)	A: Pre-Flush
	P: Plus	B45: 0.45	1: 10"	S: Silicone	2H: 222 (with tabs, Autocleavable)/Spear	with DIW
	SA: Standard	C10: 1	2: 20"	V: Viton	2C: 222/Cap	N: Non
	Antibacterial	C50: 5	3: 30"	T: FEP	2L: 222 (with tabs, Autocleavable)/Cap	Pre-Flush
			4: 40"	encapsulated	2S: 222/Spear	
				FKM	6F: 226/Cap	
					6B: 226/Spear	
					6L: 226 (with tabs, Autocleavable)/Cap	
					6H: 226 (with tabs, Autocleavable)/Spear	
					6S: 226 (with tabs)/Spear	

Dimensions 尺寸

Diameter	Cap Model	Dimension code	5" ($\pm 1\text{mm}$)	10" ($\pm 1\text{mm}$)	20" ($\pm 2\text{mm}$)	30" ($\pm 3\text{mm}$)	40" ($\pm 3\text{mm}$)	C1	C2
	DO : Double Open	Overall(TO)	121.5	251	496	739	981	69	31
		Overall(DO)	121.5	251	508	762	1016		
	2C : 222 / Cap	SS	111	242	484	729	970	69	31
		SE	112	243	485	730	971		
		Overall	129	261	506	751	996		
	2S : 222 / Spear	SS	76.5	242	488	732	972	69	31
		SE	120.5	286	532	776	1016		
		Overall	137.5	308	553	798	1042		
	6C : 226 with tabs / Cap	SS	112	243	483	730	971	69	31
		SE	113	244	484	731	972		
		Overall	135	267	512	757	1002		