

**mdi** ClariSure PA mini cartridge filters are 100% polypropylene, very high retention efficiency pleated cartridge filters offering large filtration area.

These filters have heat stable construction and are used as pre-filters to sterilizing membrane cartridge filters.



## Special Features

- **Very high** retention efficiency (**99.99%**)
- Heat stable construction
- No media migrating
- Wide chemical compatibility
- Biologically inert
- Each filter comes with an individual certificate of quality
- Total traceability:  
Unique identification number is laser etched on each filter

Complies with USFDA 21 CFR 210.3(b)(6)

Meets and Exceeds USFDA 21 CFR 177.1520

## Applications

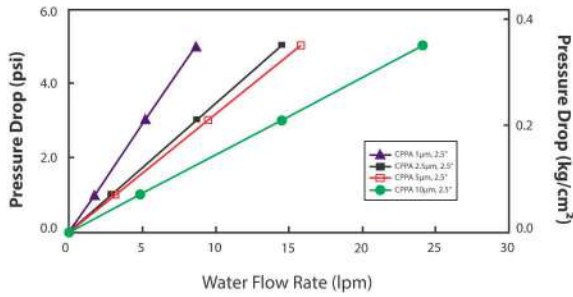
- Pre-filtration of fermentor air
- Pre-filtration of small volume parenterals

## Specifications

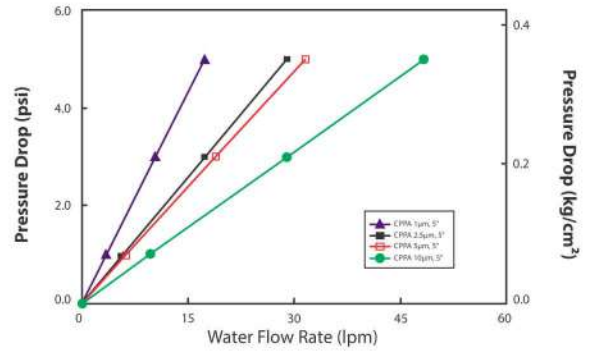
Construction		
Pore size	0.5µm, 1µm, 1.2µm, 2.5µm, 5µm, 8µm, 10µm	
Filter Media	Polypropylene	
Support Layers	Polypropylene	
Body and Core	Polypropylene	
Size		
Size	2.5"	5"
Effective Filtration Area (Nominal)	1000cm <sup>2</sup>	2000cm <sup>2</sup>
Operational		
Max. Operating Temperature	80 °C @ < 30 psi (2 Kg/cm <sup>2</sup> )	
Max. Differential Pressure	50 psi (3.5 Kg/cm <sup>2</sup> ) @ 25 °C	
Sterilization	Autoclavable/In-line steam sterilizable at 121 °C for 30 minutes, 100 cycles	
Assurance		
Toxicity	Passes Bioreactivity test, In Vivo, as per USP <88> for Class VI plastics	
Non Fiber Releasing	Passes test as per USP and comply with USFDA 21 CFR Part 210.3(b)(6) for fiber release	
Extractables with WFI	Passes test as per USP	
Oxidizable Substances	Within limits as specified in USP	
Particle Shedding	Passes USP test for particulates in injectables.	
Indirect Food Additive	All Polypropylene components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177.1520	
Good Manufacturing Practice	These products are manufactured in a facility which adheres to Good Manufacturing Practices.	
Quality Management System	ISO-9001:2008 Certified	
USFDA	DMF No. 015554	

# Water Flow Rates

2.5" ClariSure PA Cartridge Filters



5" ClariSure PA Cartridge Filters



## Ordering Information

Type		Size		Pore Size		Adaptor		Elastomer		Sterility		Pack Size	
	Code	Length and filtration Area	Code		Code		Code		Code		Code		Code
CPPPA	CPPA	2.5"	50	0.5 µm	04	4463	E0	Silicone	SS	Non Sterile	1	1	01
		5"	53	1 µm	05	4463B	H0						
				1.2 µm	10	4440	U0						
				2.5 µm	06								
				5 µm	07								
				8 µm	17								
				10 µm	08								

### Example

CPPA	50	09	U0	SS	1	01
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