

**mdi** ClariSure PA 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

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

Meets and Exceeds USFDA 21 CFR 177.1520



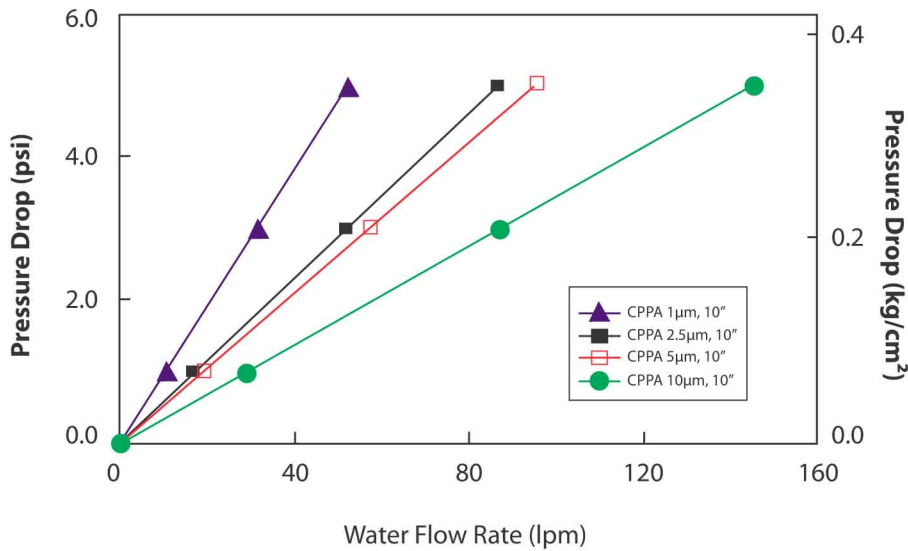
### Applications

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

### Specifications

Construction				
Pore size	0.5µm, 0.65µm, 1µm, 1.2µm, 2.5µm, 5µm, 8µm, 10µm			
Filter Media	Polypropylene			
Support Layers	Polypropylene			
Body and Core	Polypropylene			
Size				
Size	5"	10"	20"	30"
Effective Filtration Area (Nominal)	2500cm <sup>2</sup>	5000cm <sup>2</sup>	10000cm <sup>2</sup>	15000cm <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



## Ordering Information

Type		Size		Pore Size		Adaptor		Elastomer		Sterility		Pack Size	
	Code	Length and filtration Area	Code		Code		Code		Code		Code		Code
ClariSure PA	CPPA	5"***	53	0.5 µm	04	7P	A0	Silicone	SS	Non Sterile	1	1	01
		10"	54	0.65 µm	09	7P without fin	A1	EPDM	SE				
		20"	55	1 µm	05	'0'	D0	Viton	SV				
		30"	56	1.2 µm	10			FEP Encapsulated Viton	FV*				
				2.5 µm	06								
				5 µm	07								
				8 µm	17								
				10 µm	08								

### Example

CPPA	56	09	A0	SS	1	01
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\*FV is available in Adapter Code A0 (7P) only

\*\*Size 5" are available in Code A0 (7P) and A1 (7P without fin) only



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