

mdi ClariSure PP cartridge filters are 100% polypropylene construction precision filtration devices. These are very high retention efficiency pleated cartridge filters offering large filtration area

These filters are used as terminal filters in applications requiring highly efficient particulate removal

Special Features

- High retention efficiency (**99.999%**)
- Very High flow rates
- Non media migrating
- Wide chemical compatibility
- High heat resistance
- Biologically inert

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

Meets and Exceeds USFDA 21 CFR 177.1520



Applications

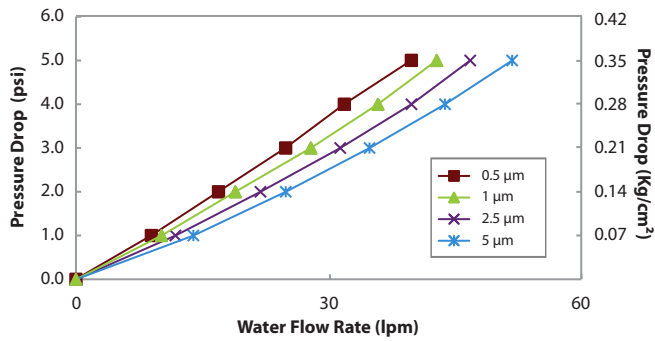
- Polishing filtration of Non-Sterile API
- Filtration of precipitating agents
- Filtration of wash solvents of final non sterile API
- Filtration of air to dryers and micronizers
- DM water tank venting
- Final wash water for Ampoule/vial washing and bung washing

Specifications

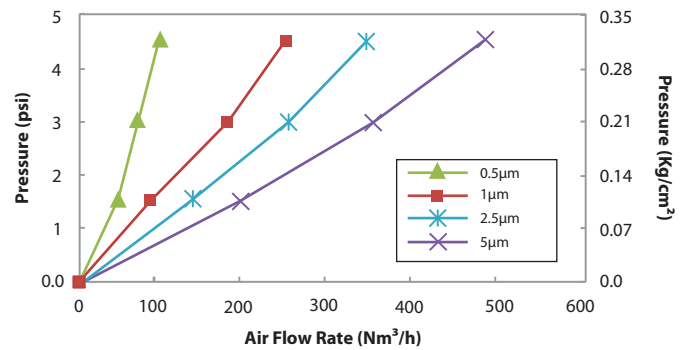
Construction				
Pore size	0.2µm, 0.5µm, 1µm, 1.2µm, 2µm, 2.5µm, 5µm, 8µm, 10µm, 20µm, 30µm			
Filter Media	Polypropylene			
Support Layers	Polypropylene			
Body and Core	Polypropylene			
Size				
Size	5"	10"	20"	30"
Effective Filtration Area (Nominal)	2500cm ²	5000cm ²	10000cm ²	15000cm ²
Operational				
Max. Operating Temperature	80 °C @ < 30 psi (2 Kg/cm ²)			
Max. Differential Pressure	50 psi (3.5 Kg/cm ²) @ 25 °C			
Assurance				
Toxicity	Passes Biological reactivity 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 NVR test as per USP <661>			
Oxidizable Substances	Passes test as per USP <1231>			
Particle Shedding	The filtrate complies with USP <788> test for particulate matter in injections			
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 Certified			
USFDA	DMF No. 015554			

Water Flow Rates

ClariSure PP, 10" Cartridge Filters



Air 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 PP	CPPP	5"*	53	0.2 μm	01	7P	A0	Silicone	SS	Non Sterile	1	1	01
		10"	54	0.5 μm	04	7P without Fin	A1	EPDM	SE				
		20"	55	1 μm	05	BEO	B0	Viton	SV				
		30"	56	1.2 μm	10	28 with Fin	C0	PTFE	ST**				
				2 μm	15	'0'	D0	FEP	FV***				
				2.5 μm	06			Encapsulated					
				5 μm	07			Viton					
				8 μm	17								
				10 μm	08								
				20 μm	11								
				30 μm	19								

Example

CPPP	55	19	A0	SV	1	01
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*Size 5" is available in adapter Code A0 (7P) and A1 (7P without fin) only

**PTFE (ST) gasket seals are available with Adapter Code B0 only

***FV is available in adapter code A0 (7P) and A1 (7P without fin) only

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