

mdi ClariSure PL cartridge filters are very high flow rate, high retention efficiency, large area filtration devices of 100% polypropylene construction.

These filters are ideal for applications requiring filtration of very large volumes of fluid without compromising on the filtrate quality

Special Features

- High retention efficiency (**99.99%**)
- Very high flow rates
- Non media migrating
- Wide chemical compatibility
- High heat resistance

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

Meets and Exceeds USFDA 21 CFR 177.1520



Applications

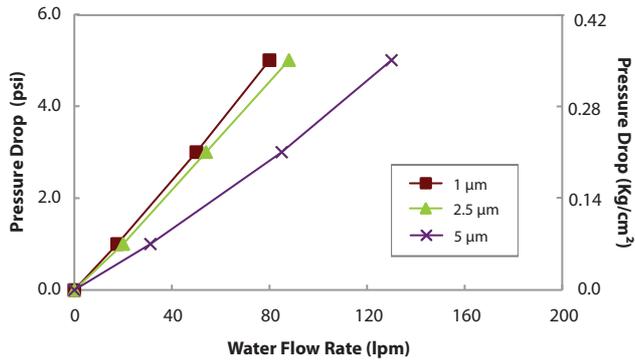
- Filtration of organic solvents in non sterile API
- Bottle washing in oral formulations
- Clarifications of buffers
- Process water
- Dyes and chemicals

Specifications

Construction				
Pore size	1µm, 2.5µm, 3µm, 5µm, 10µm, 20µm			
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 PL, 10" Cartridge Filters



Ordering Information

Type		Size		Pore Size		Adaptor		Elastomer		Sterility		Pack Size	
	Code	Length and filtration Area	Code		Code		Code		Code		Code		Code
ClariSure PL	CPPL	5"***	53	1 µm	05	7P	A0	Silicone	SS	Non Sterile	1	1	01
		10"	54	2.5 µm	06	7P without Fin	A1	EPDM	SE				
		20"	55	3 µm	16	BEO	B0	Viton	SV				
		30"	56	5 µm	07	28 with Fin	C0	PTFE***	ST				
				10 µm	08	'0'	D0	FEP	FV*				
				20 µm	11			Encapsulated Viton					

Example

CPPL	54	07	A0	SS	1	01
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*FV is available in adapter code A0 (7P) and A1 (7P without fin) only

**Size 5" is available in adapter code A0 (7P) and A1 (7P without fin) only

***PTFE (ST) gasket seals are available with 'B0' adapter code only

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