

ClariSure GS cartridge filters are multilayered, high throughput filters, specially designed for difficult to filter solutions.

It is a very high efficiency pre-filter combining the unique abilities of multilayered microglassfiber filter media to retain colloidal particles and heat calendered polypropylene filter media to ensure non media migration.

Applications

- Precipitate removal post viral inactivation
- Pre-filtration of serum and other viscous biologicals
- Pre-filtration of serum solutions
- Clarification of cell harvest supernatants
- Pre-filtration of large volume parenterals
- Pre-filtration of difficult to filter SVP
- Polishing of turbid solutions



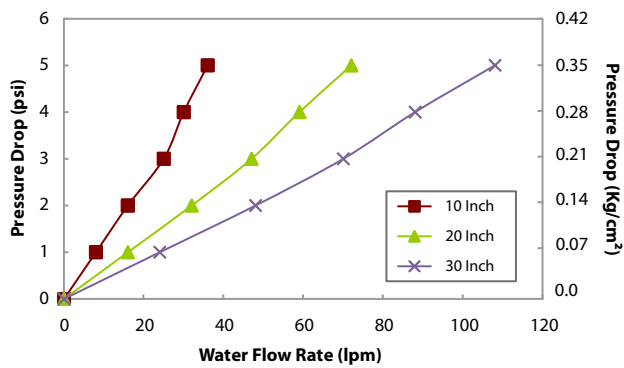
Complies with USFDA 21 CFR 210.3(b)(6)
Meets and Exceeds USFDA 21 CFR 177.1520

Specifications

Construction				
Pore Size	0.7 µm and 1 µm			
Filter Media	Microglassfiber			
Support Layers	Polyester			
Body and Core	Polypropylene			
Size				
Size	5"	10"	20"	30"
Effective Filtration Area (Nominal)	1700cm ²	3400cm ²	6800cm ²	10200cm ²
Operational				
Max. Operating Temperature	80 °C @ < 30 psi (2 Kg/cm ²)			
Max. Differential Pressure	50 psi (3.5 Kg/cm ²) @ 30 °C			
Sterilization	Autoclavable/In-line steam sterilizable at 121 °C for 30minutes, 30 cycles			
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

0.7 µm ClariSure GS Cartridge Filters



Ordering Information

Type		Size		Pore Size		Adaptor		Elastomer		Sterility		Pack Size	
	Code		Code		Code		Code		Code		Code		Code
Clarisure GS	CPGS	5"*	53	0.7 µm	41	7P	A0	Silicone	SS	Non Sterile	1	1	01
		10"	54	1 µm	05	7P without Fin	A1	EPDM	SE				
		20"	55			28 with Fin	C0	Viton	SV				
		30"	56			'0'	D0	FEP Encapsulated Viton	FV**				
Example													
	CPGS		54		41		A0		SS		1		01

* Size 5" are available in adaptor code A0 (7P) and A1 (7P without Fin) only

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

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