

**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)

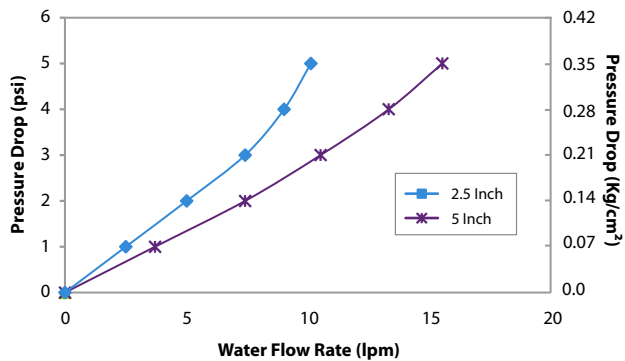
Meets and Exceeds USFDA 21 CFR 177.1520

## Specifications

Construction		
Pore Size	0.7 µm and 1 µm	
Filter Media	Microglassfiber	
Body and Core	Polypropylene	
Size		
Size	2.5"	5"
Effective Filtration Area (Nominal)	800cm <sup>2</sup>	1200 cm <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> ) @ 30 °C	
Sterilization	Autoclavable/In-line steam sterilizable at 121 °C for 30 minutes, 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	Passes test for particulates in injections as per USP <788>	
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  $\mu\text{m}$  ClariSure GS Cartridge Filters



## Ordering Information

Type		Size		Pore Size		Adapter		Elastomer		Sterility		Pack Size	
	Code		Code		Code		Code		Code		Code		Code
ClariSure GS	CPGS	2.5"	50	0.7 $\mu\text{m}$	41	4463	E0	Silicone	SS	Non Sterile	1	1	01
		5"	53	1 $\mu\text{m}$	05	4463B	H0						
						4440	U0						
						Seal-K	G0*						
						Seal-O	F0**						
						Seal-M	J0						

\*G0 adapter code is not available with any elastomer. Please mention XX in place of elastomer code while ordering  
 \*\*Adapter code F0 is available only in 5" cartridge filters

### Example

CPGS	53	41	E0	SS	1	01
------	----	----	----	----	---	----

## Advanced Microdevices Pvt. Ltd.

20-21, Industrial Area, Ambala Cantt-133 006, INDIA

Tel : +91-171-2699290, 2699471

E-mail : info@mdimembrane.com

Website : www.mdimembrane.com