mdi
Membrane Technologies

ClariSure GP cartridge filters are specially designed multilayered precision filtration devices. These cartridge filters act as throughput enhancers, specially in case of difficult to filter solutions.

A microglassfiber upstream layer retains very fine colloidal particals and a downstream polypropylene layer checks any kind of media migration.

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

Applications

- Pre-filtration of difficult to filter SVP
- Polishing of turbid solutions

Specifications

Construction		
Pore Size	0.5 µm, 1 µm and 2 µm	
Filter Media	Microglassfiber	
Support Layers	Polypropylene	
Body and Core	Polypropylene	
Size		
Size	2.5"	5"
Effective Filtration Area (Nominal)	800 cm^2	1600 cm^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	
Sterilization	Autoclavable/Steam Sterilizable at 121°C for 30minute, 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	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	

Ordering Information

Type		Size		Pore Size		Adapter		Elastomer		Sterility		Pack Size	
	Code		Code		Code		Code		Code		Code		Code
Clarisure GP	CPGP	2.5"	50	0.5 µm	04	4463	E0	Silicone	SS	Non Sterile	1	1	01
		5"	53	1 µm	05	4463B	H0						
				2 µm	15	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

	CPGP	53	04	E0	SS	1	01

Advanced Microdevices Pvt. Ltd.