

ClariSure HGK hydrophilic PES membrane high temperature cartridge filters offer a microglassfiber upstream layer with a PES membrane final filter to combine high dirt holding capacities with efficient retention of colloidal particles to give clear downstream in case of difficult to filter turbid solutions.

These high temperature resistant cartridge filters can be in-line steam sterilized for 20 cycles @ 135° C for 30 minutes each @ a ΔP = 5psi (0.35Kg/cm²)

Specifications

Construction	
Pore Size	0.1 μm, 0.2 μm, 0.5 μm
Membrane	Hydrophilic PES
Pre-filter	Microglassfiber
Support Layers	Polyester
Body and Core	Polypropylene
Size	
Size	5" 10" 20" 30"
Effective Filtration Area (Nominal)	2500 cm ² 5000 cm ² 10000 cm ² 15000 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/In-line steam sterilizable at 135 °C for 30 minutes, 20 cycles@ a Δ P = 5psi (0.35Kg/cm ²)
Assurance	
Toxicity	Passes biological reactivity test, In Vivo, as per USP <88> for Class VI plastics
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
Good Manufacturing Practice (GMP)	These products are manufactured in a facility which adheres to GMP



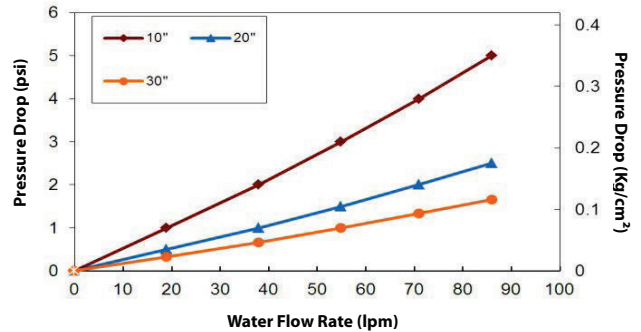
**Complies with
USFDA 21 CFR 210.3 (b)(6)**
**Meets and Exceeds
USFDA 21 CFR 177.1520**

Applications

- Precipitate removal post viral inactivation
- Pre-filtration of cell culture media
- Pre-filtration of serum and other viscous biologicals
- Pre-filtration of serum solutions
- Clarification of cell harvest supernatants
- Pre-filtration of high value difficult to filter drug solutions
- Pre-filtration of difficult to filter SVP
- Polishing of turbid solutions

Water Flow Rates

0.5 μm ClariSure HGK Cartridge Filters



Ordering Information

Type		Size		Pore Size		Adapter		Elastomer		Sterility		Pack Size	
	Code		Code		Code		Code		Code		Code		Code
ClariSure HGK	CHGK	5"	53	0.1 μm	36	7P	A0	Silicone	SS	Non Sterile	1	1	01
		10"	54	0.2 μm	01	7P without Fin	A1	Viton	SV				
		20"	55	0.5 μm	04	28 with Fin	C0	EPDM	SE				
		30"	56			'O'	D0	FEP Encapsulated Viton	FV*				

Example:

CHGK	56	04	A0	SS	1	01
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*FV is available in Adapter Code A0 (7P) and A1 (7P without Fin) only