

MDI AseptiSure KR mini Cartridge filters incorporate a low protein binding PES membrane with polypropylene drainage layers to ensure pH compatibility from 1-14 making these ideal for alkaline fluid streams.



## Special Features

- Low protein binding
- Very wide chemical compatibility, even with very high alkaline solutions.
- pre-flushed to minimize particulate release after installation
- Non-toxic material of construction
- Multiple steam sterilizable
- Heat sealed, no glues or adhesives
- Each filter comes with an individual Certificate of quality
- Total traceability:  
Unique identification number is laser etched on each filter

## Applications

- Sterile filtration of alkaline solutions for pH control

Microbially Validated as per ASTM F 838-05

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

Meets and Exceeds USDFA 21 CFR 177.1520

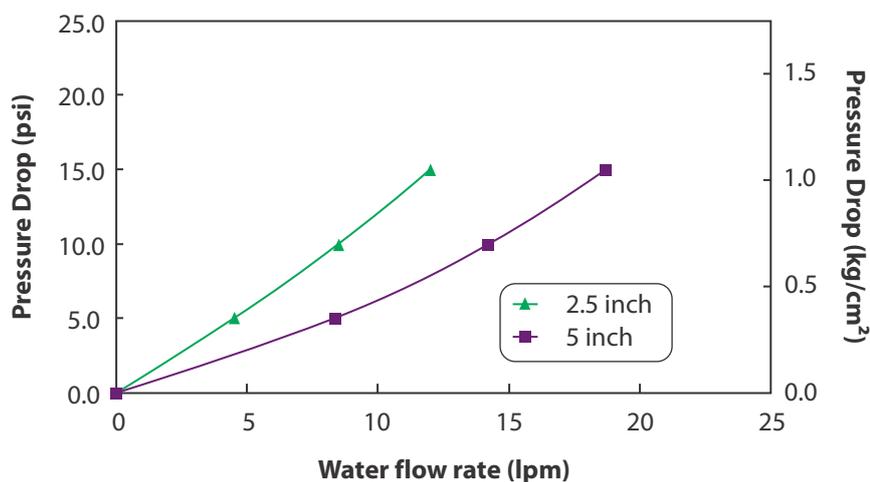
## Specifications

Construction		
Final Filter Pore Size	0.2µm	0.45µm
Membrane	Hydrophilic PES	
Support Layers	Polypropylene	
Body and Core	Polypropylene	
Integrity Testing / Retention		
Bubble Point	> 50psi (3.52Kg/cm <sup>2</sup> ) with Water	> 30psi (2.11Kg/cm <sup>2</sup> ) with Water
Microbial Retention	LRV >7 for <i>Brevundimonas diminuta</i> (ATCC 19146) per cm <sup>2</sup>	LRV >7 for <i>Serratia marcescens</i> (ATCC 14756) per cm <sup>2</sup>
Size		
Size	2.5"	5"
Effective Filtration Area (Nominal)	1000cm <sup>2</sup>	2000cm <sup>2</sup>
Operational		
Max. Operating Temperature	80 °C @ < 2 Kg/cm <sup>2</sup> (30 psi)	
Max. Differential Pressure	3.5 Kg/cm <sup>2</sup> (50 psi) @ 25 °C	
Reverse Pressure	< 0.7 Kg/cm <sup>2</sup> (10 psi) @ 25 °C	
Sterilization	Autoclavable/In-line steam sterilizable at 121 ° C for 30 minutes, 25 cycles	

Assurance	
Toxicity	Passes Biological reactivity test, In Vivo, as per USP <88> for Class VI plastics
Bioburden	Bioburden level is < 1000 cfu/filter device as per ANSI/AAMI/ISO 11737-1 : 1995
Bacterial Endotoxin	Aqueous extracts exhibit < 0.25 EU/ml as established by Limulus Amebocyte Lysate (LAL) Test as per USP <85>
Non Fiber Releasing	Passes test as per USP and comply with USFDA 21 CFR Part 210.3(b)(6) for fiber release
pH Compatibility	Compatible with pH range of 1 - 14
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
TOC/Conductivity at 25 °C	Meets the WFI requirements of USP <643> for Total Organic Carbon and USP <645> for Water Conductivity after a specified volume of purified water flush
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

0.2 µm AseptiSure KR Cartridge Filters



## Ordering Information

Type		Size		Pore Size		Adapter		Elastomer		Sterility		Pack Size	
	Code		Code		Code		Code		Code		Code		Code
AseptiSure KR	CPKR	2.5"	50	0.2 µm	01	4463	E0	Silicone	SS	Non Sterile	1	1	01
		5"	53	0.45 µm	02	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

CPKR	50	01	H0	SS	1	01
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