BevReady® Pure 0.2µ

Product Data Sheet

Main Features and Benefits



- Highly asymmetric pore structure for consistent contamination removal throughout service life
- Extremely low absorption of proteins
- Robust cartridge construction for durability
- Excellent flow characteristics to extend service life and reduce downtime
- Log 7 retention of many spoilage organisms to ensure product quality and consistency

Product Description

The BevReady Pure 0.2µ provides sterile filtration and microbial stabilization to maintain product integrity. The hydrophilic asymmetric membrane extends filter life and allows for integrity testing to ensure product quality. Moreover, the thermal welded design leads to increased durability and low levels of extractables.

Quality Test

All filter cartridges are integrity tested to verify compliance with established quality and design specifications and to assure consistent and reliable performance.

The traceability of each filter cartridge, according to EC/1935/2004, is provided by serial number.

All BevReady Pure 0.2µ cartridges are completely staged, assembled, tested, and packaged in ISO 14644-1 Class 7 clean room facility whose Quality Management System is approved by an accredited registering body to the appropriate ISO9001 Quality Systems Standard.

Material Compliance

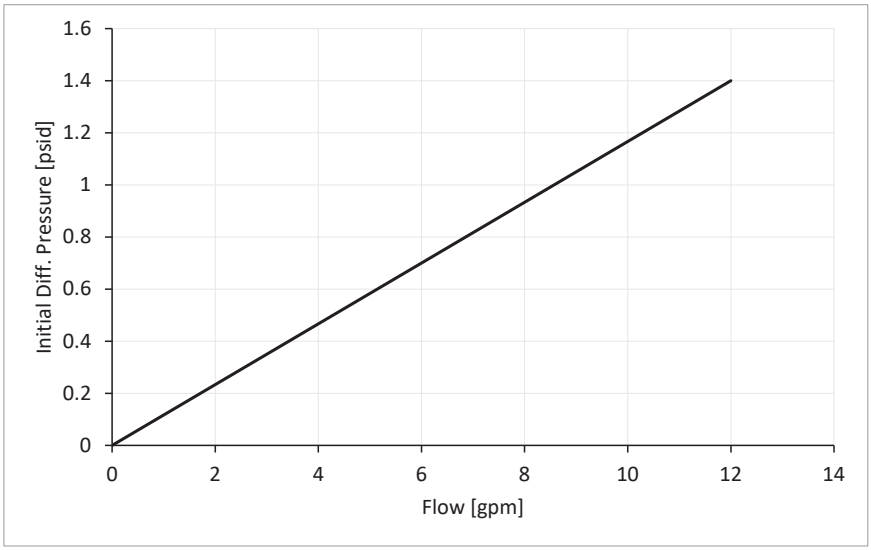
All BevReady Pure 0.2µ cartridge components are FDA listed for food contact use in the Code of Federal Regulations (CFR), Title 21:

Components	Material	CFR Title 21
Membrane	Polyethersulfone	§ 177.2440
Upstream Support	Polypropylene	§ 177.1520
Downstream Support	Polypropylene	§ 177.1520
Cage	Polypropylene	§ 177.1520
Core	Polypropylene	§ 177.1520
End Caps	Polypropylene	§ 177.1520
O-rings	Silicone	§ 177.2600

Product Specifications

Filter Grade	0.2 µm			
Filtration Surface	2.16 m² per 30” cartridge			
Retention Rates	Microorganism		LRV	
	Saccharomyces cerevisiae		> 7	
	Serratia Marcescens		> 7	
	Brevundimonas diminuta		> 7	
Max Diff. Pressure	Operating Temperature		Differential Pressure	
	C	F	bar	psid
	38	100	15	217
	66	150	11	159
	82	180	9	130

Flow Characteristics per 30” Cartridge



Integrity Testing

Bubble Point		Diffusive Flow	
Filter Grade	Minimum Bubble Point	Filter Grade	Maximum Diffusive Flow
BevReady Pure 0.2µ	3.04 bar (44 psi)	BevReady Pure 0.2µ	105 ml/min @ 2.4 bar (34.8 psi)

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