BevReady® Air 0.2µ

Product Data Sheet



Main Features and Benefits

- Log 7 retention for 0.2 µm particles and larger
- Highly porous ePTFE provides exceptional flow characteristics
- Hydrophobic membrane increases venting effectiveness and provides superior dewetting characteristics
- All components are thermal welded for high durability and low extractables

Product Description

The BevReady Air 0.2µ provides top-notch performance for compressed air, technical gas, and venting applications. Log 7 retention for particles 0.2 µm and larger ensures product and process integrity. ePTFE membrane creates a highly porous hydrophobic structure providing superior dewetting characteristics to maintain high flow rates and extend service lifetime.

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 Air 0.2µ cartridges are completely staged, assembled, tested, and packaged in Class 7 clean room facility whose Quality Management System is approved by an accredited registering body to the appropriate ISO 9001 Quality Systems Standard.

Material Compliance

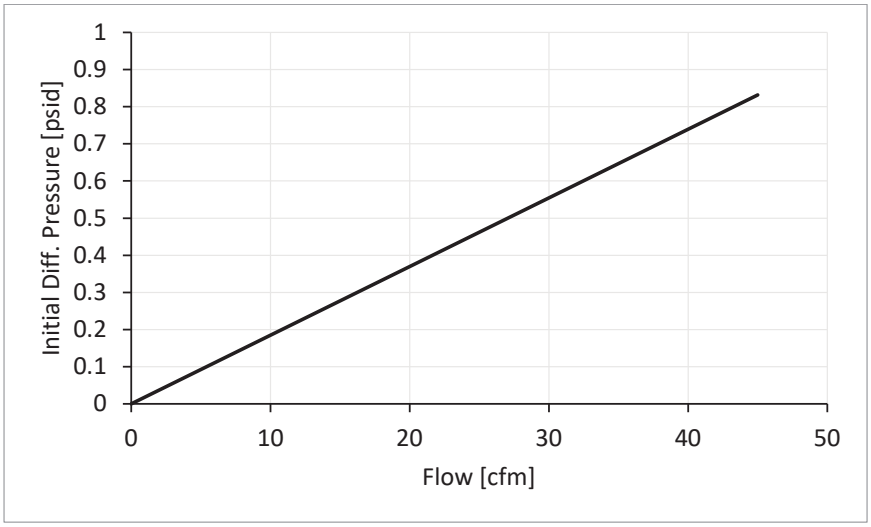
All BevReady Air 0.2µ cartridge components are FDA listed for food contact use in the Code of Federal Regulations (CFR), Title 21:

Components	Material	CFR Title 21
Membrane	PTFE	§ 177.1550
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	0.85 m² per 10” element			
Microbiological Retention Data	Microorganism		LRV	
	Serratia Marcescens		> 7	
	Brevundimonas diminuta		> 7	
Max Diff. Pressure	Operating Temperature		Differential Pressure	
	C	F	bar	psid
	38	100	5.5	80
	66	150	4.1	60
	82	180	2.1	30

Flow Characteristics (Air)



Integrity Testing

Bubble Point		Diffusive Flow		Water Intrusion Test	
Filter Grade	Minimum Bubble Point	Filter Grade	Maximum Diffusion Value	Filter Grade	Maximum Diffusion Value
BevReady Air 0.2µ	1.0 bar (14 psi)	BevReady Air 0.2µ	20 ml/min @ 0.8 bar (12 psi)	BevReady Air 0.2µ	1.0 ml/min after 5 min at 2.0 bar (29 psi)

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