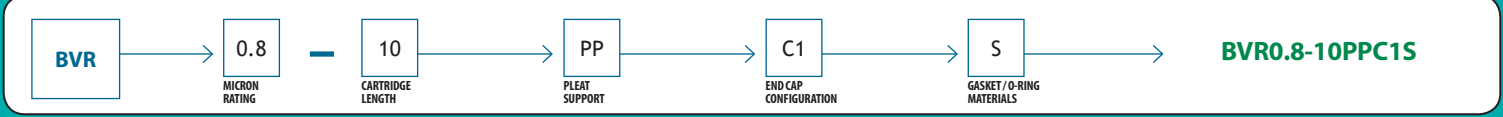




ORDER GUIDE



Strainrite's **Bev-Rite** pleated membrane filters are specifically engineered to provide a barrier to beverage spoiling micro-organisms. The **Bev-Rite** bio-reduction filter incorporates a highly asymmetric polyethersulfone membrane within our exclusive pleat support configuration, creating one of the industry's most rugged bacteria removal filters.

This exceptionally robust filter design means filter performance will remain effective after multiple steam sterilization cycles. Every **Bev-Rite** filter is integrity tested and flushed with high purity water to assure product performance and purity.

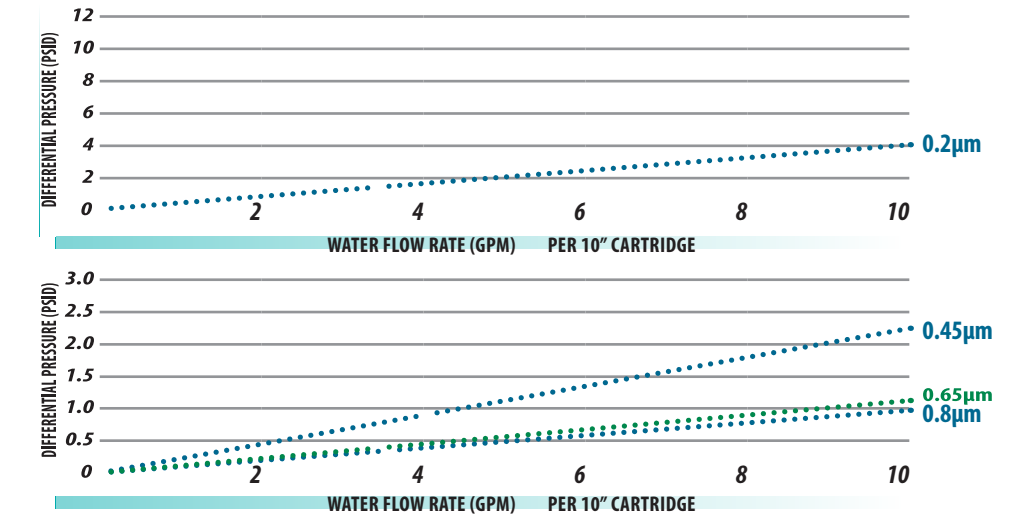


- ▶ **ABSOLUTE-RATED AND INTEGRITY TESTED MEMBRANE PROVIDES RELIABLE, CONSISTENT AND REPEATABLE FILTRATE TO ENSURE MICROBIOLOGICAL STABILITY**
- ▶ **LOW PRESSURE DROPS YIELD HIGHER FLOW RATES AND REDUCED PROCESSING TIME**
- ▶ **NON-FIBER SHEDDING POLYPROPYLENE SUPPORT MATERIALS ELIMINATE FIBER MIGRATION**
- ▶ **MAXIMUM PLEAT DESIGN FOR GREATER SURFACE AREA, ENSURING LONGER SERVICE LIFE, FEWER CHANGE OUTS AND REDUCED OPERATING COSTS**
- ▶ **100% THERMALLY BONDED CONSTRUCTION**
- ▶ **HIGH STRENGTH DESIGN ALLOWING FOR EXTENDED USE AND MULTI AUTOCLAVE AND HOT WATER SANITIZATION CYCLES**
- ▶ **316 STAINLESS STEEL INSERT STANDARD**
- ▶ **ALL MATERIALS ARE LISTED IN TITLE 21 OF THE US CODE OF FEDERAL REGULATIONS 177-182**
- ▶ **COMPONENT MATERIALS MEET THE BIOSAFETY CRITERIA OF THE USP REACTIVITY TEST FOR CLASS VI PLASTICS**
- ▶ **COMPONENT MATERIALS MEET THE "NON-FIBER RELEASING" CRITERIA AS DEFINED IN 21 CFR 210.3 (B) (6)**
- ▶ **BEV-RITE CARTRIDGES ARE MANUFACTURED IN A FACILITY WHOSE QUALITY MANAGEMENT SYSTEM IS APPROVED BY AN ACCREDITED REGISTERING BODY TO THE ISO 9001:2008 STANDARD**
- ▶ **BEV-RITE CARTRIDGES ARE 100% INTEGRITY TESTED AND DI FLUSHED**

NEED A VESSEL FOR YOUR CARTRIDGES?
For the Bev-Rite, the following vessel types are most commonly used:
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As always, discuss your options with your local sales representative to find the best fit for your application.

ABSOLUTE RATED RETENTION			
0.2, 0.45, 0.65, 0.8			
MAXIMUM DIFFERENTIAL PRESSURE			
Forward: 75 psid (5.1 bar) @ 75°F (24°C) 40 psid (2.8 bar) @ 180°F (82°C)		Reverse: 50 psid (3.4 bar) @ 75°F (24°C)	
MAXIMUM OPERATING TEMPERATURE			
180°F (82°C) Continuous Duty			
STERILIZATION			
Cartridge can be sterilized via steam or Autoclave: 20 times at 275°F (135°C) Cartridge may be sanitized in place with common sanitizing agents, contact factory for chemical compatibility			
PACKAGING ECONOMY			
Bulk packaging in case quantities to reduce material disposal: 5 inch - 48 per carton 10 inch - 24 per carton 20 inch - 12 per carton 30 inch - 12 per carton 40 inch - 9 per carton			
FILTER MEDIA	END CAPS	PLEAT SUPPORT MATERIAL	CAGE/CORE
Polyethersulfone	Polypropylene	Polypropylene	Polypropylene
SEALS		REINFORCING RING	
EPDM Silicone		316 Stainless Steel	
CONSTRUCTION METHOD		OUTSIDE DIAMETER	APPROXIMATE SURFACE AREA
Thermal Bond		2.7" (6.87cm)	7 square feet per 10" equivalent
LENGTHS			
5 inch (12.7 cm) 10 inch (25.4 cm) 20 inch (50.8 cm) 30 inch (76.2 cm) 40 inch (102 cm)			
INTEGRITY TEST VALUES			
PORE SIZE	BUBBLE POINT	TEST PRESSURE	AIR DIFFUSION
BVR0.2	50 psig in water	40 psig	<100 mL/min
BVR0.45	38 psig in water	30 psig	<100 mL/min
BVR0.65	26 psig in water	23 psig	<100 mL/min
BVR0.8	16 psig in water	20 psig	<100 mL/min

10" Filter	BVR 0.2	BVR 0.45	BVR 0.65
<i>Brevundimonas diminuta</i>	LRV >7 log		
<i>Serratia marcescens</i>		LRV >7 log	
<i>Lactobacillus higaridii</i>		LRV >7 log	
<i>Saccharomyces cerevisiae</i>		LRV >8 log	LRV >7 log



ORDER OPTIONS

CARTRIDGE	
BVR	Bev-Rite
MICRON RATINGS	
0.2, 0.45, 0.65, 0.8	
CARTRIDGE LENGTH	
5, 10, 20, 30, 40	
PLEAT SUPPORT	
PP	Polypropylene
END CAP CONFIGURATIONS	
C1	Double Open Ends
C3	Flat/222
C6	Flat/226
C7	Fin/226
C8	Fin/222
GASKET/O-RING MATERIAL	
S	Silicone
E	EPDM