



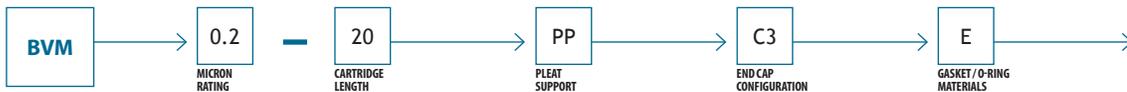
Strainrite's **Bev-MAXX** pleated membrane filters are specifically engineered to provide an absolute barrier to beverage spoiling micro-organisms. The **Bev-MAXX** incorporates a highly asymmetric polyethersulfone membrane within our exclusive pleat support configuration creating one of the industry's most rugged yeast removal filters. This exceptionally robust filter design means filter performance will remain effective after multiple steam sterilization cycles.

Every **Bev-MAXX** filter is integrity tested and flushed with high purity water to assure product performance and purity. Integrity test parameters have been correlated to microbiological retention for all of our membrane filters (refer to microbiological performance chart).

- ▶ **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-MAXX CARTRIDGES ARE MANUFACTURED IN A FACILITY WHOSE QUALITY MANAGEMENT SYSTEM IS APPROVED BY AN ACCREDITED REGISTERING BODY TO THE ISO 9001:2008 STANDARD**
- ▶ **BEV-MAXX CARTRIDGES ARE 100% INTEGRITY TESTED AND DI FLUSHED**



ORDER GUIDE



BVM0.2-20PPC3E

| ABSOLUTE RATED RETENTION | | | |
|---|------------------|----------------------------------|------------------|
| 0.2, 0.45, 0.65 | | | |
| MAXIMUM DIFFERENTIAL PRESSURE | | | |
| Forward: | | Reverse: | |
| 75 psid (5.1 bar) @ 75°F (24°C) | | 50 psid (3.4 bar) @ 75°F (24°C) | |
| 40 psid (2.8 bar) @ 180°F (82°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 | | | |
| Thermal Bond | | | |
| OUTSIDE DIAMETER | | APPROXIMATE SURFACE AREA | |
| 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 |
| BVM0.2 | 50 psig in water | 40 psig | ≤16mL/min |
| BVM0.45 | 29 psig in water | 23 psig | ≤13.5mL/min |
| BVM0.65 | 26 psig in water | 20 psig | ≤14mL/min |
| MICROBIOLOGICAL PERFORMANCE | | | |
| MICROORGANISM | BVM0.2 | BVM0.45 | BVM0.65 |
| <i>Oenococcus oeni</i> | | ≥10 ⁷ | |
| <i>Lactobacillus hilgardii</i> | | ≥10 ⁷ | |
| <i>Saccharomyces cerevisiae</i> | | ≥10 ⁷ | ≥10 ⁷ |
| <i>Brevundimonas diminuta</i> | ≥10 ⁷ | | |

ORDER OPTIONS

| CARTRIDGE | |
|------------------------|--|
| BVM | Bev-MAXX |
| MICRON RATINGS | |
| 0.2, 0.45, 0.65 | |
| CARTRIDGE LENGTH | |
| 5, 10, 20, 30, 40 | |
| PLEAT SUPPORT | |
| PP | Polypropylene |
| END CAP CONFIGURATIONS | |
| C3 C6 C7 C8 | Flat/222 Flat/226 Fin/226 Fin/222 |
| GASKET/O-RING MATERIAL | |
| S E | Silicone EPDM |