

## MB PRO

### CORE/CORELESS MELTBLOWN FILTER ELEMENTS HIGH FLOW RATE, LOWER COST OF DISPOSAL AND ENVIRONMENT FRIENDLY DISPOSABLE MELTBLOWN FILTER WITH PROVEN DEPTHFLO TECHNOLOGY

#### Technical Advantages:

- Removal rating from 0.5 to 100 µm, absolute
- Advanced microprocessor controlled manufacturing process delivers an extremely accurate and consistent product
- 100% polypropylene materials of construction allow use in a wide range of applications
- Binder, adhesive and surfactant free
- Available lengths up to 50" (127 cm)

#### Performance Specifications:

- Micron Rating:** 0.5, 1, 5, 10, 20, 30, 100 µm (absolute)
- Max. forward differential pressure:** 25 psid (1.7 bar) @ 150°F (66°C), 60 psid (3.4 bar) @ 86°F (30°C)
- Recommended change-out differential pressure:** 35 psid (2.4 bar)
- All polypropylene components meet the specifications for biological safety as per the USP for Class VI-121°C plastics
- FDA Listed materials
- High purity construction:** Free of adhesives, binders and surfactants

#### Materials of Construction:

- Outside Diameter (Nominal):** 2.5 in. (6.4 cm.) or 6 in. (15.2 cm.)
- Lengths (Nominal):** Up to 50 in. (127 cm.)
- Filter media:** Melt blown polypropylene
- End Caps:** Polypropylene
- End Cap Styles:**
  - For 2.5 in OD: Single Open End 222 or 226 with Flat Cap, Single Open End 222 or 226 with Fin, Single Open End with Flat Gasket/Closed, Double Open End
  - For 6 in OD: Single Open End PB1, PB2, PB3, or HF Style with O-rings, Double Open End with Flat Gasket

#### Applications:

- Process Water:** Process water pre-filtration, hot water heating systems, cooling water, cooling towers, pre-RO
- Inks & Coatings:** Solvents, water, paint, clear coat, inks, automotive coatings, industrial coatings, lacquers
- Chemical Processing:** Bulk chemical filtration, acrylates, alcohols, bleach, alkalis, acids, make-up water, sodium hypochlorite, titanium dioxide
- Oil & Gas:** Completion fluids, deep well injection, amine filtration, acrylates
- Metal Finishing:** Machine coolants, plating solutions and chemicals, stripping solutions, anodizing, hydraulic press oil, aqueous parts washing

