# Microbiology Testing

## Sterile Gridded Membrane Filter




### Features

- MCE, Hydrophilic PVDF membrane available
- Membrane filters are available with or without grid, individually, sterile packaged or non-sterile packaged
- Continuous packed membrane filters are designed for use in filter dispensers
- Consistent performance

### Applications

- Colony counting
- Particle testing
- Microscopy

### Technical Specifications

| | |
|---|---|
| Pore size | 0.2μm / 0.45μm |
| Coliform retention | 100% |
| Recovery rate lot-released | ≥90% |

### Order information

| Part No. | Material | Diameter | Pore size | Package | Qty/pk (pcs) |
|---|---|---|---|---|---|
| MBWGM-2247S | MCE white /black grid | 47mm | 0.22μm | Individually packed | 100 |
| MBWGM-4547S | MCE white /black grid | 47mm | 0.45μm | Individually packed | 100 |
| MBWGM-2250S | MCE white /black grid | 50mm | 0.22μm | Individually packed | 100 |
| MBWGM-4550S | MCE white /black grid | 50mm | 0.45μm | Individually packed | 100 |
| MBWGM-2247SC | MCE white /black grid | 47mm | 0.22μm | Continuous packed | 150 |
| MBWGM-4547SC | MCE white /black grid | 47mm | 0.45μm | Continuous packed | 150 |
| MBMCE-2247S | White MCE | 47mm | 0.22μm | Individually packed | 100 |
| MBMCE-4547S | White MCE | 47mm | 0.45μm | Individually packed | 100 |
| MBMCE-2250S | White MCE | 50mm | 0.22μm | Individually packed | 100 |
| MBMCE-4550S | White MCE | 50mm | 0.45μm | Individually packed | 100 |
| MBWGM-2247 | MCE white/black grid | 47mm | 0.22μm | Non-sterile | 50 |
| MBWGM-4547 | MCE white/black grid | 47mm | 0.45μm | Non-sterile | 50 |
| MBWGM-2250 | MCE white/black grid | 50mm | 0.22μm | Non-sterile | 50 |
| MBWGM-4550 | MCE white/black grid | 50mm | 0.45μm | Non-sterile | 50 |

# Membrane Dispenser



### Features

- Dispense sterile membranes with hands-free convenience
- Compact design and lightweight
- Reduces the risk of accidental contamination

### Order information

| Part No. | Description | Package |
|---|---|---|
| MD01AU | Membrane dispenser | 1 |

# Filtration Units

## All-in-on Filters



### Features

- Sterile by Gamma irradiation
- Single-Use filtration units featuring a Click-Fit closure
- Transparent funnel for easy monitoring of the filtration progress
- Easy handling

### Materials

PP

### Order information

| Part No. | Membrane | Pore size | Volume | Package | Qty/pk (pcs) |
|---|---|---|---|---|---|
| A47V-GMC0022100 | MCE white /black grid | 0.22µm | 100mL | Sterile in bags | 5 |
| A47V-GMC0045100 | MCE white /black grid | 0.45µm | 100mL | Sterile in bags | 5 |
| A47V-GMC0022250 | MCE white /black grid | 0.22µm | 250mL | Sterile in bags | 5 |
| A47V-GMC0045250 | MCE white /black grid | 0.45µm | 250mL | Sterile in bags | 5 |

# Filter Funnels



### Features

- Sterile by Gamma irradiation
- 100mL and 250mL available
- Use with 47mm membranes

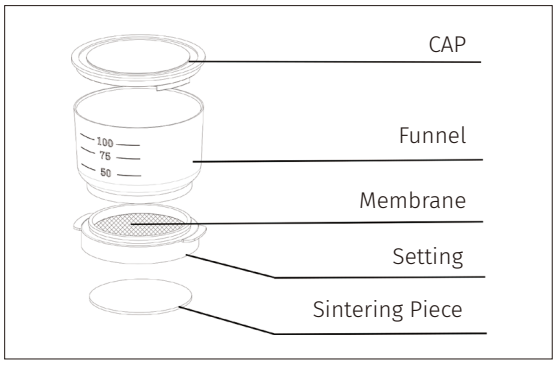
### Order information

| Part No. | Volume | Package | Qty/pk (pcs) |
|---|---|---|---|
| A47U-100 | 100mL | Sterile in bags | 10 |
| A47U-250 | 250mL | Sterile in bags | 10 |

# S58 Filters



Cobetter S58 filter funnels are used for bioburden testing and general microbiological analysis.




### Features

- Sterile, ready-to-use
- 50mm sealed integral membrane filter
- Adapt to Milliflex vacuum pump

### Materials

| | |
|---|---|
| Funnel | PP |
| Lid | PETG |

### Order information

| Part No. | Description | Membrane | Qty/pk (pcs) |
|---|---|---|---|
| S58-WGMCE0045P | Filter funnels sterile,100mL,white /black grid | MCE | 1 |
| S58-PVDF0045P | Filter funnels sterile,100mL,white /black grid | PVDF | 1 |

# SS Manifold



## Features

- 100% Stainless steel for minimized cleaning effort
- Quick connection adapters
- Low working height for ergonomic working in laminar flow
- Autoclavable at 121°C for 30 min

## Applications

Microbiological quality control of liquid samples:

- Beverages (beer, wine, soft drinks, bottled water)
- Pharmaceutical analysis
- Environmental water testing (water monitoring)
- Cosmetics

## Order information

| Part No. | Description | Dimension (L × H × W) | Package |
|---|---|---|---|
| M301SS | 3 branch manifold | 474 × 120 × 98mm | 1 |