Meticel® Black PES Membrane Disc Filters

Description

Contrasting Membrane for Microbiological Analysis

- Dark background provides excellent contrast for counting opaque colonies in microbiology labs
- Exclusive dot grid pattern does not enhance or inhibit colony growth
- Certified for use in the Membrane Filter (MF) Technique as described in Standard Methods for the Examination of Water and Wastewater, current edition
- Sharp contrast between black membrane and white grid line provides guidance while viewing and counting
- Available non-sterile or in individual gamma-irradiated packs (S-packs) for critical applications

Application

- Excellent membrane for the isolation and enumeration of yeast and mold colonies
- Spoilage organism monitoring and identification in food and beverage quality control laboratories

Specifications

Filter Media
- Hydrophilic modified polyethersulfone, black

Pore Size
- 0.45 and 0.8 µm

Typical Thickness
- 0.45 µm: 130 µm (5.1 mils)
- 0.8 µm: 147 µm (5.8 mils)

Typical Water Flow Rate
- mL/min/cm² at 0.7 bar (70 kPa, 10 psi)
  - 0.45 µm: > 34
  - 0.8 µm: > 102

Minimum Bubble Point – Water
- 0.45 µm: 1.6 bar (160 kPa, 23 psi)
- 0.8 µm: 1.0 bar (100 kPa, 15 psi)

Gamma-Irradiated
- Provided gamma-irradiated or nonsterile
- Validated dose 15 - 30 kGy
- Autoclavable if desired at 121 - 123 ºC (250 - 253 ºF) at 1.0 bar (100 kPa, 15 psi) for 15 - 20 min.

Related Products

- Absorbent Pad Kit
- 47 mm Magnetic Filter Funnels
- Ampoule Media for Microbiological Analysis
Sterile Petri Dishes
Stainless Steel Forceps
Vacuum/Pressure Pumps

## Ordering Information

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## Contact Information

### Pall Office(s)

**World Headquarters**  
25 Harbor Park Drive  
Port Washington, NY 11050  
USA  
Phone: (516) 484-3600  
Alternate Phone: **1-800-289-7255**  
Fax: (516) 801-9754  
[Driving Directions](#)  
[Map](#)

### Distributor(s)

**VWR International**  
1310 Goshen Parkway  
West Chester, PA 19380  
USA  
Phone: 800.932.5000  
Phone: 610.431.1700  
Fax: 610.436.1760  
Web: [http://www.vwrsp.com/](http://www.vwrsp.com/)

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