



Pall Corporation



PT. Stainless Steel Primavalue Majubersama

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GN-6 Metrical® MCE Membrane Disc Filters

Description

Certified 0.45 µm membrane for microbiological analysis meets or surpasses regulatory specifications

- ▶ Mixed cellulose esters is the most accepted filter media for microbiological analysis, and provides maximum recovery of organisms.
- ▶ Unique dot grid pattern gridline provides guidance for quantification of bacterial colonies without growth inhibition or enhancement.
- ▶ Suitable for microbiological analysis using the Membrane Filter (MF) Technique. Each box contains a signed certification for your permanent records.
- ▶ Variety of packaging options meets any need. Available in individually packaged S-Packs, autoclave packs, or non-sterile packs.
- ▶ Use with Pall nutrient media for high growth levels and easy identification of contaminants.



Application

- ▶ Certified for the microbiological analysis of potable, waste, process, and natural waters in accordance with the MF Technique referenced in *Standard Methods for the Examination of Water and Wastewater*, 20th edition, and the U.S. EPA's *Microbiological Methods for Monitoring the Environment*, 600/8-78-017.
- ▶ Ideal for isolation and enumeration of Total and Fecal Coliforms, *E. coli*, Fecal Streptococcus, fungi, and other heterotrophic organisms.

Specifications

Filter Media

Hydrophilic mixed cellulose esters

Pore Size

0.45 µm

Typical Thickness

152 µm (6 mils)

Typical Filter Weight

4 mg/cm²

Typical Water Flow Rate

> 65 mL/min/cm² at 0.7 bar (70 kPa, 10 psi)

Maximum Operating Temperature – Water

74 °C (165 °F)

Typical Moisture Pick-up

< 1% after 24 hr at 48% relative humidity at 23 °C (73 °F)

Extractables - Boiling Water

< 2%

Minimum Bubble Point - Water

1.8 bar (180 kPa, 26 psi)

Recovery

(measured vs. control) > 90% *E. coli*

Refractive Index

1.512

Sterilization

Provided gamma irradiated or non-sterile

Autoclavable if desired at 121 - 123 °C (250 - 253 °F) at 1.0 bar (100 kPa, 15 psi) for 15 - 20 min

Ordering Information

Part Number	Description	Pkg
GN-6 Metrical Membrane, 0.45 µm (S-Packs)		
66265	47 mm, plain, gamma-irradiated	200/pkg
66278	47 mm, grid, gamma-irradiated	200/pkg
66068	47 mm, grid, gamma-irradiated	1000/pkg
66678	47 mm, grid side down, gamma-irradiated	1000/pkg
66191	47 mm, grid, gamma-irradiated	2000/pkg
66539	50 mm, grid, gamma-irradiated	200/pkg
60016	85 mm, grid, gamma-irradiated (not individually packed)	50/pkg
GN-6 Metrical Membrane, 0.45 µm (Non-sterile Packages)		
63066	13 mm, plain	100/pkg
63068	25 mm, plain	100/pkg
64191	25 mm, grid	100/pkg
64382	37 mm, plain, with support pads	100/pkg
63069	47 mm, plain	100/pkg
63020	47 mm, grid	100/pkg
66536	142 mm, plain	25/pkg

Distributor



PT. Stainless Steel Primavalue Majubersama

Think Flow, Think SPV

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