



## Membrane disc filters for microbiology



All membranes are certified for use in microbiological analysis. Sterile versions are sterilised by gamma irradiation.

### Filter media: GN-6 Metrice<sup>®</sup>, hydrophilic mixed cellulose esters

Applications: Analysis of potable, waste, process and natural waters, ideal for isolation and enumeration of total and faecal coliforms, *E. coli*, faecal streptococcus, fungi and other heterotrophic organisms.

- Provides maximum recovery of organisms
- Unique dot grid for quantification of bacterial colonies

Meets and surpasses US EPA and ASTM specifications.

### Filter media: Metrice<sup>®</sup> Black, hydrophilic modified PES (polyethersulphone)

Applications: Isolation and enumeration of yeast and mould colonies, spoilage organism monitoring and identification in food and beverage quality control laboratories, ideal for monitoring particulate contamination of process fluids in the microelectronic industry.

- Dark background provides excellent contrast for counting colonies
- Exclusive dot grid neither inhibits nor enhances microbial growth

Pore size	Thickness	Water flow rate	Max. temperature (°C)	Weight
<b>Filter media: GN-6 Metrice<sup>®</sup>, hydrophilic mixed cellulose esters</b>				
0,45 µm	152 µm	>65 ml/min/cm <sup>2</sup> (0,7 bar)	74	4 mg/cm <sup>2</sup>
<b>Filter media: Metrice<sup>®</sup> Black, hydrophilic modified PES (polyethersulphone)</b>				
0,8 µm	147 µm	>102 ml/min/cm <sup>2</sup> (0,7 bar)	-	
0,45 µm	130 µm	>34 ml/min/cm <sup>2</sup> (0,7 bar)		
0,8 µm	147 µm	>102 ml/min/cm <sup>2</sup> (0,7 bar)		

Type	Pore size (µm)	Ø (mm)	Pk	Cat. No.
<b>Filter media: GN-6 Metrice<sup>®</sup>, hydrophilic mixed cellulose esters</b>				
GN-6, plain	0,45	13	100	514-4177
GN-6, grid	0,45	25	100	514-4181
GN-6, plain	0,45	25	100	514-4178
GN-6, plain, with support pads	0,45	37	100	514-4182
GN-6, grid	0,45	47	100	514-4175
GN-6, grid, individual sterile pack (S-Pack)	0,45	47	200	514-4202
GN-6, grid, individual sterile pack (S-Pack)	0,45	47	1.000	514-4185
GN-6, grid, individual sterile pack (S-Pack)	0,45	47	2.000	514-4193
GN-6, plain	0,45	47	100	514-4179
GN-6, plain, individual sterile pack (S-Pack)	0,45	47	200	516-7888
GN-6, grid, individual sterile pack (S-Pack)	0,45	50	200	516-7927
GN-6, grid, not individually packed (S-Pack)	0,45	85	50	516-7728
GN-6, plain	0,45	142	25	514-4222
<b>Filter media: Metrice<sup>®</sup> Black, hydrophilic modified PES (polyethersulphone)</b>				
Black, white grid	0,8	25	100	515-0159
Black, white grid, individual sterile pack (S-Pack)	0,45	47	200	514-4223
Black, white grid	0,45	47	100	514-4224
Black, white grid, individual sterile pack (S-Pack)	0,8	47	200	514-4225
Black, white grid	0,8	47	100	514-4226



## Membrane filters, MicroPlus and ME Whatman (GE Healthcare)



### Membranes for microbiological control

Developed for microbiological quality control of foods and beverages, pharmaceuticals and cosmetics.

- Sterile, individually packed
- All membrane filters have a high contrast grid (3,1 mm)
- Type STL in dispenser boxes with 100 numbered membrane filters for easy removal and safe handling with the Membrane-Butler

### MicroPlus membranes

#### Cellulose nitrate

- High mechanical strength
- High flow rate

#### ME membranes

#### Mixed cellulose ester, hydrophilic

- Specifically for aqueous solutions
- For use up to 125 °C