

## Sterile, looped face mask with clip connector for secure fastening

- **Specialized protection:** The BioClean™ Sterile Looped Face Mask MEA210-1 delivers high bacterial, viral, and particle filtration efficiency, while offering greater breathability and comfort for the user
- **Enhanced features:** This sterile, looped face mask features a clip connector (additional versions of which are available to purchase separately – CC-FMC4), offering quick and secure fastening at the back of the head
- **Reduced contamination risks:** This BioClean™ sterile face mask is manufactured from cleanroom-compatible materials and is processed in a NEBB-certified ISO Class 4 cleanroom environment to reduce contamination risks



### Key Features and Benefits

- **Contamination control:** High particle and Bacterial Filtration Efficiency (BFE)
- **Cleanroom-compatible materials:** Reduced risk of contamination
- **Clip connector:** For quick and secure fastening

### Industries

- Production and Manufacturing
- Controlled and Critical Environments
- Laboratory and Research



# BioClean™ Sterile Looped Face Mask MEA210-1

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

<b>Material</b>	Polypropylene Polyethylene
<b>Audit Standards</b>	Manufacturing QMS Audit Standards ISO 9001
<b>Standards</b>	ASTM F2101, ISO 2859, ISO 9001:2015
<b>Packaging Overview</b>	One piece (with blue clip) per sealed inner PE bag; 50 inner bags per sealed outer PE bag; 12 outer bags per lined carton (600 pieces)
<b>Sterilization Method</b>	Gamma irradiation
<b>Sterilization Minimum Dose</b>	25kGy
<b>Sterility Assurance Level</b>	10 <sup>-6</sup>
<b>Storage Instructions</b>	Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.
<b>Shelf Life</b>	Five (5) years from date of manufacture.

### PHYSICAL PROPERTIES

<b>Color</b>	White
<b>String Type</b>	Headloop
<b>Overall Dimensions</b>	WIDTH (± 5mm) 210mm HEIGHT (± 5mm) 95mm
<b>Inner Facing Layer</b>	Non-woven polypropylene/polyethylene (hygroscopic)
<b>Filtration Layer</b>	Meltblown polyester
<b>Outer Layer</b>	Non-woven spunbonded polyester (hydrophobic)
<b>Fastenings</b>	Non-latex polyurethane loops with blue plastic clip fastener
<b>Noseband</b>	Plastic coated steel

### PERFORMANCE INFORMATION

<b>Cleanroom Class</b>	Class 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms
<b>Particle Filtration Efficiency</b>	89.3% @0.1 micron
<b>Bacterial Filtration Efficiency</b>	92.3% @0.3 micron
<b>Viral Filtration Efficiency</b>	93.8% @3.0 micron
<b>Differential Pressure</b>	3.8mm H <sub>2</sub> O/cm <sup>2</sup>

### ORDERING INFORMATION

	SIZE	Sterile Looped Face Mask
MEA210-1	REORDER NO.	MEA210-1

For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

#### Europe, Middle East & Africa Region

Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00  
F: +32 (0) 2 528 74 01

#### Asia Pacific Region

Ansell Global Trading Center  
T: +603 8310 6688  
F: +603 8310 6699

#### North America Region

Ansell Healthcare Products LLC  
US T: +1 800 800 0444  
US F: +1 800 800 0445  
CA T: +1-800-363-8340

#### Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

#### Australia

Ansell Limited  
T: +61 1800 337 041  
F: +61 1800 803 578

#### UK

Ansell Nitritex  
T: +44 1638 663338  
F: +44 1638 668890

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