BioClean™ Sterile Looped Face Mask MEA210-1

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

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TECHNICAL DATA SHEET

PRODUCT INFORMATION

Material	Polypropylene Polyethylene
Audit Standards	Manufacturing QMS Audit Standards ISO 9001
Standards	ASTM F2101, ISO 2859, ISO 9001:2015
Packaging Overview	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)
Sterilization Method	Gamma irradiation
Sterilization Minimum Dose	25kGy
Sterility Assurance Level	10^{-6}
Storage Instructions	Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.
Shelf Life	Five (5) years from date of manufacture.

PHYSICAL PROPERTIES

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

PERFORMANCE INFORMATION

Cleanroom Class	Class 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms
Particle Filtration Efficiency	89.3% @0.1 micron
Bacterial Filtration Efficiency	92.3% @0.3 micron
Viral Filtration Efficiency	93.8% @3.0 micron
Differential Pressure	3.8mm H_2O/cm□

ORDERING INFORMATION

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

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