

Sterile, tie-on face mask with advanced filtration efficiency

- **Specialized protection:** This tie-on sterile face mask offers high particle and bacterial filtration. It is tested against ASTM F2101 standards for Bacterial Filtration Efficiency (BFE)
- **Enhanced features and comfort:** The BioClean™ Sterile Tie-on Face Mask MTA210-1 is equipped with a fully enclosed, malleable noseband for improved fit and comfort, while an ultrasonic seal ensures a stronger bond for the tie-tapes, enabling secure fastening
- **Reduced risks:** The BioClean™ Sterile Tie-on Face Mask MTA210-1 is processed in a NEBB-certified ISO Class 4 cleanroom, reducing the risk of contamination



Key Features and Benefits

- **Contamination control:** High Bacterial Filtration Efficiency (BFE)
- **Cleanroom-compatible materials:** Fewer contamination risks
- **Ultrasonically sealed edges:** Tie-tapes with a strong, reliable bond

Industries

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



BioClean™ Sterile Tie-on Face Mask MTA210-1

TECHNICAL DATA SHEET

PRODUCT INFORMATION

Material	Polypropylene Polyethylene
Audit Standards	Manufacturing QMS Audit Standards ISO 9001
Standards	ASTM F2101, ISO 2859
Packaging Overview	One piece per sealed inner PE bag; 50 inner bags per sealed outer PE bag; 10 outer bags per lined carton (500 pieces)
Country Of Origin	China
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	Ties
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-woven polypropylene ties
Noseband	Plastic coated steel



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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 ₂ O/cm ²

ORDERING INFORMATION

	SIZE	Tie-on Face Mask
MTA210-1	REORDER NO.	MTA210-1

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