

## 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 <sup>-6</sup>
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

### 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 <sub>2</sub> O/cm <sup>2</sup>

### ORDERING INFORMATION

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

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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