

## 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

|                                   |   |
|-----------------------------------|---|
| <b>Material</b>                   | Polypropylene Polyethylene  |
| <b>Audit Standards</b>            | Manufacturing QMS Audit Standards ISO 9001  |
| <b>Standards</b>                  | ASTM F2101, ISO 2859  |
| <b>Packaging Overview</b>         | One piece per sealed inner PE bag; 50 inner bags per sealed outer PE bag; 10 outer bags per lined carton (500 pieces) |
| <b>Country Of Origin</b>          | China   |
| <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>        | Ties   |
| <b>Overall Dimensions</b> | WIDTH (± 5mm) 210mm<br>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-woven polypropylene ties                       |
| <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

|          |             |                         |
|----------|-------------|-------------------------|
|          | <b>SIZE</b> | <b>Tie-on Face Mask</b> |
| MTA210-1 | REORDER NO. | MTA210-1                |

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

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