

## Non-sterile, tie-on face mask with advanced filtration efficiency (single-packed)

- **Specialized protection:** This tie-on face mask offers high particle and bacterial filtration and is tested against ASTM F2101 standards for Bacterial Filtration Efficiency (BFE)
- **Enhanced features and comfort:** The BioClean™ Non Sterile Tie on Facemask MTA210-2 is equipped with a fully enclosed, malleable noseband, which enhances fit and comfort, while its ultrasonic seal leads to a stronger bond around the tie-tapes and enables secure fastening
- **Reduced contamination risks:** This non-sterile face mask is processed in a NEBB-certified ISO Class 4 cleanroom environment, minimizing potential contamination risks

### Key Features and Benefits

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

### Industries

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





# BioClean™ Non Sterile Tie on Facemask MTA210-2

## 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 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>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>LENGTH (± 5mm) 95mm         |
| <b>Inner Facing Layer</b> | Non-woven polypropylene/polyethylene (hygroscopic) |
| <b>Filtration Layer</b>   | Meltblown polypropylene                            |
| <b>Outer Layer</b>        | Non-woven polypropylene polyethylene hydrophobic   |
| <b>Fastenings</b>         | Non-woven polypropylene ties                       |
| <b>Noseband</b>           | Plastic coated steel                               |

### PERFORMANCE INFORMATION

|  |  |
|--|--|
| <b>Cleanroom Class</b>                 | Class 10/ISO 4                         |
| <b>Particle Filtration Efficiency</b>  | 99.9% @0.1 micron                      |
| <b>Bacterial Filtration Efficiency</b> | >99.9% @0.3 micron                     |
| <b>Viral Filtration Efficiency</b>     | 99.8% @ 3.0 micron                     |
| <b>Differential Pressure</b>           | 6.9mm H <sub>2</sub> O/cm <sup>2</sup> |

### ORDERING INFORMATION

|          | SIZE        | Individual Packing |
|----------|-------------|--------------------|
| MTA210-2 | REORDER NO. | MTA210-2           |

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