

# BIOCLEAN MTA

Sterile Tie-on Facemask

## MTA210-1

### About

Providing high particle and bacterial filtration efficiency, the BioClean MTA Cleanroom Tie-on Sterile Facemask is manufactured from cleanroom compatible materials to reduce contamination into the controlled environment and features tie-tapes for a secure fastening.

### Materials

**INNER FACING LAYER:**

Non-woven polypropylene/polyethylene (hygroscopic)

**FILTER LAYER:**

Meltblown polyester

**OUTER FACING LAYER:**

Non-woven spunbonded polyester (hydrophobic)

**FASTENINGS:**

Non-woven polypropylene ties

**NOSE-BAND:**

Plastic coated steel

### Features

- High bacterial, viral & particle efficiency filtration
- Fully enclosed malleable nose-band
- Ultrasonically sealed edges

HIGH BFE & PFE

ISO CLASS 4 COMPATIBLE

LATEX-FREE



## Quality Standards

- Manufactured in a facility holding ISO 9001:2015
- Processed in an NEBB certified ISO Class 4 cleanroom environment
- Sampling and inspection in accordance with ISO 2859-3:1994
- Tested against standard ASTM F2101 for Bacterial Filtration Efficiency (BFE)

## Sterilization

Method: Gamma irradiation  
Minimum Dose: 25kGy  
Sterility Assurance Level:  $10^{-6}$

## Shelf Life & Storage

Five (5) years from date of manufacture.  
Store in a dry, cool place ( $<40^{\circ}\text{C}$ ) away from direct sunlight and fluorescent light.

## Physical Properties

|                             |        |
|-----------------------------|--------|
| COLOUR                      | White  |
| STYLE                       | Tie-on |
| LENGTH ( $\pm 5\text{mm}$ ) | 210mm  |
| WIDTH ( $\pm 5\text{mm}$ )  | 95mm   |

## Performance Information

|                                                                           |                              |
|---------------------------------------------------------------------------|------------------------------|
| COMPATIBILITY                                                             | ISO Class 4 & EU GMP Grade A |
| PARTICLE FILTRATION EFFICIENCY (PFE)@ 0.3 MICRON                          | $>97\%$                      |
| BACTERIAL FILTRATION EFFICIENCY (BFE) @ 3.0 MICRON                        | $>96.5\%$                    |
| VIRAL FILTRATION EFFICIENCY (VFE)                                         | $97.9\%$                     |
| DIFFERENTIAL PRESSURE ( $\Delta P$ ), mm H <sub>2</sub> O/cm <sup>2</sup> | 3.2                          |

## TO ORDER

### Re-order code

MTA 210-1

### Packing

One piece per sealed inner PE bag; 50 inner bags per sealed outer PE bag; 10 outer bags per lined carton (500 pieces)

For additional information visit us at [www.bioclean.com](http://www.bioclean.com), or contact us at;

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