

# BIOCLEAN DB

Sterile Pouch-style Facemask

## BDBS

### About

The BioClean DB Pouch-style sterile Facemask features a large breathing chamber for increased wearer comfort and a malleable nose-band for a good fit. Made from cleanroom compatible materials and ultrasonically sealed edges to reduce the risk of contamination entering the controlled environment.

### Materials

#### INNER FACING LAYER:

Non-woven spunbonded polyester (hygroscopic)

#### FILTER LAYER:

Meltblown polyester

#### OUTER FACING LAYER:

Non-woven spunbonded polyester (hydrophobic)

#### FASTENINGS:

Tubular knitted polyurethane Spandex yarn headloops

#### NOSE-BAND:

Plastic coated steel

### Features

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

ISO CLASS 4 COMPATIBLE

LARGE BREATHING CHAMBER

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 2859-3:1991

## 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	Headloops
LENGTH ( $\pm 5\text{mm}$ )	301mm
WIDTH ( $\pm 5\text{mm}$ )	100mm

## Performance Information

COMPATIBILITY	ISO Class 4 & EU GMP Grade A
PARTICLE FILTRATION EFFICIENCY (PFE)@ 0.3 MICRON	98.2%
BACTERIAL FILTRATION EFFICIENCY (BFE) @ 3.0 MICRON	97.9%
VIRAL FILTRATION EFFICIENCY (VFE)	98.5%
DIFFERENTIAL PRESSURE ( $\Delta P$ ), mm H <sub>2</sub> O/cm <sup>2</sup>	3.57

## TO ORDER

### Re-order code

BDBS

### Packing

One piece per sealed inner PE bag; 20 inner bags per sealed outer PE bag; 10 outer bags per lined carton (200 pieces)

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

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