

# BIOCLEAN

## DB™

Pouch-style Facemask with Neck  
Guard

## BDBN-G

### About

Constructed with a patented non-latex spacer to maintain clear breathing space, the BioClean DB™ Non-sterile Pouch-style Facemask ensures exceptional breathability, comfort, and protection for the wearer. The facemask also features a non-woven spunbonded polyester integrated extra long neck guard to provide additional protection.

### Materials

#### INNER FACING LAYER:

Non-woven spunbonded polyester  
(hygroscopic)

#### FILTER LAYER:

Meltblown polypropylene

#### OUTER FACING LAYER:

Non-woven spunbonded polyester  
(hydrophobic)

#### FASTENINGS:

Tubular knitted polyurethane Spandex  
yarn headloops

#### NECK GUARD:

Non-woven spunbonded polyester

#### NOSE-BAND:

Plastic coated steel

### Features

- Integral neck guard
- Latex-free
- Patented spacer maintains clear breathing space
- Ultrasonically sealed edges
- Low-linting
- Fully enclosed malleable nose-band

**EXTRA-LONG NECK GUARD**

**EXCELLENT PARTICLE PROTECTION**

**HYDROPHOBIC OUTER LAYER**

**HYGROSCOPIC INNER LAYER**

**LARGE BREATHING CHAMBER**



Mr. & Mrs Phil Trayshon™ represent  
BioClean's range of GMP compatible  
cleanroom facemasks

## Quality Standards

- Manufactured in a facility holding ISO 9001:2008
- Processed in an NEBB certified ISO Class 4 cleanroom environment
- Sampling and inspection in accordance with ISO 2859-3:1992

## Physical Properties

COLOUR	White
STYLE	Headloops
LENGTH ( $\pm 5$ mm)	Facemask: 301mm Neck Guard: 245mm
WIDTH ( $\pm 5$ mm)	Facemask: 100mm Neck Guard: 210mm

## Performance Information

COMPATIBILITY	ISO Class 4
PARTICLE FILTRATION EFFICIENCY (PFE)@ 0.3 MICRON	99.9%
BACTERIAL FILTRATION EFFICIENCY (BFE) @ 3.0 MICRON	99.9%
DIFFERENTIAL PRESSURE ( $\Delta P$ ), mm H <sub>2</sub> O/cm <sup>2</sup>	3.0

## TO ORDER

### Re-order code

BDBN-G

### Packing

50 pieces per sealed inner PE bag; one inner bag per sealed outer PE bag; six outer bags per lined carton (300 pieces)

## CONTACT

### Europe

#### (Headquarters)

Nitritex Ltd.  
Minton Enterprise Park,  
Oaks Drive,  
Newmarket, Suffolk,  
CB8 7YY,  
United Kingdom  
T: +44 (0) 1638 663338  
F: +44 (0) 1638 668890  
E: [europa@bioclean.com](mailto:europa@bioclean.com)

### Other Regions

Asia:  
[malaysia@bioclean.com](mailto:malaysia@bioclean.com)  
Americas:  
[americas@bioclean.com](mailto:americas@bioclean.com)



BioClean™ is a brand of Nitritex Ltd.  
For more information, please visit [www.bioclean.com](http://www.bioclean.com)

BDBN-G/1610/PDS8

#### About

Constructed with a patented non-latex spacer to maintain clear breathing space, the BioClean DB™ Sterile Pouch-style Facemask ensures exceptional breathability, comfort, and protection for the wearer. The facemask also features a non-woven spunbonded polyester integrated extra long neck guard to provide additional protection.

#### 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

##### NECK GUARD:

Non-woven spunbonded polyester

##### NOSE-BAND:

Plastic coated steel

#### Features

- Integral neck guard
- Latex-free
- Patented spacer maintains clear breathing space
- Ultrasonically sealed edges
- Low-linting
- Fully enclosed malleable nose band
- ISO Class 4 & EU GMP Grade A compatible

EXTRA-LONG NECK GUARD

EXCELLENT PARTICLE PROTECTION

HYDROPHOBIC OUTER LAYER

HYGROSCOPIC INNER LAYER

LARGE BREATHING CHAMBER



Mr. & Mrs Phil Trayshon™ represent BioClean's range of GMP compatible cleanroom facemasks

## Quality Standards

- Manufactured in a facility holding ISO 9001:2008
- Processed in an NEBB certified ISO Class 4 cleanroom environment
- Sampling and inspection in accordance with ISO 2859-3:1992

## 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°C) away from direct sunlight and fluorescent light.

## Physical Properties

COLOUR	White
STYLE	Headloops
LENGTH ( $\pm$ 5mm)	Facemask: 301mm, Neck Guard: 245mm
WIDTH ( $\pm$ 5mm)	Facemask: 100mm, Neck Guard: 210mm

## 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-G

### Packing

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

## CONTACT

### Europe

#### (Headquarters)

Nitritex Ltd.  
Minton Enterprise Park,  
Oaks Drive,  
Newmarket, Suffolk,  
CB8 7YY,  
United Kingdom  
T: +44 (0) 1638 663338  
F: +44 (0) 1638 668890  
E: [europa@bioclean.com](mailto:europa@bioclean.com)

### Other Regions

Asia:  
[malaysia@bioclean.com](mailto:malaysia@bioclean.com)  
Americas:  
[americas@bioclean.com](mailto:americas@bioclean.com)



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For more information, please visit [www.bioclean.com](http://www.bioclean.com)

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