



# BioClean™ Non-sterile DB Pouch-style Face mask with Neck Guard BDBN-G

## Non-sterile pouch-style protective mask with neck guard ensuring safety and comfort

- **Reduced contamination risk:** The BioClean™ BDBN-G Non-sterile DB Pouch-style Face Mask with Neck Guard is made from cleanroom compatible materials and features high bacterial and particle filtration efficiency
- **Enhanced feature:** An integrated neck guard provides additional coverage, which reduces the risk of cross contamination
- **Optimized comfort:** This facemask's large breathing chamber as well as its fully enclosed and malleable nose-band ensure a secure yet comfortable fit for wearers
- **Added protection:** The BioClean™ BDBN-G Non-sterile DB Pouch-style Face Mask with Neck Guard has ultrasonically sealed edges that further lower contamination risk in controlled and critical environments



### Key Features and Benefits

- **High bacterial and particle filtration efficiency:** Optimal protection
- **Extra-long neck guard:** Added coverage, lowered cross contamination risk
- **Large breathing chamber:** Breathable comfort for extended use

### Industries

- Controlled and Critical Environments
- Production and Manufacturing

### Recommended For

- Adjusting parts and systems
- Animal care feeding and cleanup
- Aseptic filling and labelling
- Food processing and handling



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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Material             | Polyester / Polyurethane                                                                                               |
| Audit Standards      | Manufacturing QMS Audit Standards ISO 9001                                                                             |
| Standards            | ISO 2859, ISO 9001:2015                                                                                                |
| Packaging Overview   | 50 pieces per sealed inner PE bag; one inner bag per sealed outer PE bag; six outer bags per lined carton (300 pieces) |
| Country Of Origin    | China                                                                                                                  |
| Storage Instructions | Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.                                    |
| Shelf Life           | Five (5) years from date of manufacture                                                                                |

### PHYSICAL PROPERTIES

|                    |                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------|
| Color              | White                                                                                                    |
| String Type        | Headloop                                                                                                 |
| Overall Dimensions | WIDTH (± 5mm) Facemask: 301mm Neck Guard: 245mm<br> HEIGHT (± 5mm) Facemask: 100mm Neck Guard: 210mm<br> |
| Inner Facing Layer | Non-woven spunbonded polyester (hygroscopic)                                                             |
| Filtration Layer   | Meltblown polypropylene                                                                                  |
| Outer Layer        | Non-woven spunbonded polyester (hydrophobic)                                                             |
| Fastenings         | Tubular knitted polyurethane Spandex yarn headloops                                                      |
| Noseband           | Plastic coated steel                                                                                     |
| Neck Guard         | Non-woven spunbonded polyester                                                                           |

### PERFORMANCE INFORMATION

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Cleanroom Class                 | Class 10/ISO 4                         |
| Particle Filtration Efficiency  | 99.5% @0.1 micron                      |
| Bacterial Filtration Efficiency | 99.8% @0.3 micron                      |
| Viral Filtration Efficiency     | 99.4% @3.0 micron                      |
| Differential Pressure           | 5.3mm H <sub>2</sub> O/cm <sup>2</sup> |

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