



# BioClean™ Non-sterile DB Pouch-style Face mask BDBN

## Non-sterile, pouch-style protective mask granting advanced protection and superior comfort

- **Reduced contamination risk:** The BioClean™ BDBN Non-sterile DB Pouch-style Face Mask features high bacterial and particle filtration efficiency, providing superior product protection
- **Increased comfort:** This cleanroom face mask has a large breathing chamber that provides added comfort, especially for prolonged wear
- **Added protection:** In addition, the BioClean™ BDBN Non-sterile DB Pouch-style Face Mask has ultrasonically sealed edges, which reduce the risk of contamination within controlled and critical environments
- **Advanced features:** Designed with a fully enclosed and malleable nose-band, this high-quality protective face mask provides a secure yet comfortable fit



### Key Features and Benefits

- **High bacterial and particle filtration efficiency:** Optimal protection
- **Large breathing chamber:** Breathable comfort for extended use
- **Ultrasonically sealed edges:** Reduced risk of cleanroom contamination

### Industries

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

### Recommended For

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



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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

<b>Material</b>	Polyester / Polyurethane
<b>Audit Standards</b>	Manufacturing QMS Audit Standards ISO 9001
<b>Standards</b>	ISO 2859, ISO 9001:2015
<b>Packaging Overview</b>	50 pieces per sealed inner PE bag; one inner bag per sealed outer PE bag; six outer bags per lined carton (300 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>	Headloop
<b>Overall Dimensions</b>	WIDTH (± 5mm) 301mm HEIGHT (± 5mm) 100mm
<b>Inner Facing Layer</b>	Non-woven spunbonded polyester (hygroscopic)
<b>Filtration Layer</b>	Meltblown polypropylene
<b>Outer Layer</b>	Non-woven spunbonded polyester (hydrophobic)
<b>Fastenings</b>	Tubular knitted polyurethane Spandex yarn headloops
<b>Noseband</b>	Plastic coated steel

### PERFORMANCE INFORMATION

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

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