



## Nitramax BNMS

Sterile Disposable Nitrile Cleanroom Glove

# Sterile powder-free nitrile cleanroom gloves, for full-arm protection from chemical hazards

- **Added protection:** BioClean™ Nitramax BNMS shoulder-length sterile gloves ensure comprehensive arm coverage, for personal protection you can depend on
- **Assured component integrity:** These nitrile cleanroom gloves also boast electrostatic-dissipative (ESD) properties, safeguarding sensitive components from electrostatic discharge
- **Specialized defenses:** BioClean™ Nitramax BNMS sterile gloves are tested against EN ISO 374-1 standards, for protection against various chemicals
- **Enhanced features:** These powder-free gloves' textured fingers and palms improve grip, while a beaded cuff enhances strength and stability
- **Reduced contamination risks:** Their non-particulating EasyTear™ packaging helps prevent contamination risks in controlled environments



## KEY FEATURES & BENEFITS

- **600mm/24" glove length:** Full-arm protection
- **ESD material:** For maintained component integrity
- **EN ISO 374-1 compliance:** Certified chemical resistance

## Industries

- Controlled and Critical Environments
- Production and Manufacturing
- Lab and R&D
- Sterile Processing Department





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### TECHNICAL DATA SHEET

|                                        | Product Information                                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                               | Nitrile                                                                                                                                               |
| Color                                  | White                                                                                                                                                 |
| Shape                                  | Hand Specific                                                                                                                                         |
| Cuff                                   | Beaded                                                                                                                                                |
| Manufacturing/QMS Audit Standards      | ISO 14001, Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D, NEBB Certified Cleanrooms                                    |
| Regulatory/Standard Compliance         | CE 0598, EN 420:2003 + A1:2009, EN 421:2010, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 455 Part 2, Food Contact, Category III                          |
| Packaging                              | One pair per inner PE wallet; one wallet per sealed EasyTear PE pouch; 10 pouches per sealed outer PE bag; 10 outer bags per lined carton (100 pairs) |
| Storage                                | Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.                                                                   |
| Country of Origin                      | Malaysia                                                                                                                                              |
| Available sizes                        | 6, 6.5, 7, 7.5, 8, 8.5, 9                                                                                                                             |
| Powder Content                         | Powder-Free                                                                                                                                           |
| External Glove Surface                 | Textured Fingers and Palm                                                                                                                             |
| Internal Glove Surface                 | Chlorinated                                                                                                                                           |
| Sterilization Method                   | GAMMA irradiation (25 kGy)                                                                                                                            |
| Sterilization Minimum Dose             | 25kGy                                                                                                                                                 |
| Sterility Assurance Level              | 10 <sup>-6</sup>                                                                                                                                      |
| Cleanroom Class                        | Class 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms                                                                                  |
| Shelf Life                             | Five (5) years from date of manufacture.                                                                                                              |
| Tested for use with Chemotherapy Drugs | No                                                                                                                                                    |
| Protein Level                          | N/A: contains no natural rubber latex                                                                                                                 |
| Anti-static                            | Yes                                                                                                                                                   |



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| Physical Properties                                |                             |        |        |       |         |         | Testing Method  |
|----------------------------------------------------|-----------------------------|--------|--------|-------|---------|---------|-----------------|
| Sizes                                              | 6.5                         | 7      | 7.5    | 8     | 8.5     | 9       | EN 420          |
| Typical Length (mm/in)                             | 600 / 24                    |        |        |       |         |         |                 |
| Palm Width (mm/in)                                 | 83/3.2                      | 89/3.5 | 95/3.7 | 102/4 | 108/4.2 | 114/4.5 |                 |
| Freedom from Holes                                 | 1.5 AQL Performance Level 2 |        |        |       |         |         | EN 374-2        |
| Typical Particle Count<br>≥0.5µm (counts / cm²)    | <2600                       |        |        |       |         |         | IEST-RP-CC005.4 |
| Target Single Wall Palm<br>Thickness (mm/mil)      | 0.15 / 5.91                 |        |        |       |         |         | EN 455-2        |
| Target Single Wall<br>Finger Thickness<br>(mm/mil) | 0.18 / 7.09                 |        |        |       |         |         | EN 455-2        |
| Target Single Wall Cuff<br>Thickness (mm/mil)      | 0.09 / 3.54                 |        |        |       |         |         | EN 455-2        |
| Force at Break (N)<br>During Aging                 | ≥ 9 N                       |        |        |       |         |         | EN 455-2        |

## IONIC CONTENT

| Concentration in µg/cm <sup>2</sup> | Typical      | Concentration in µg/cm <sup>2</sup> | Typical      |
|-------------------------------------|--------------|-------------------------------------|--------------|
| Ammonium                            | 0.024        | Nitrate                             | 0.234        |
| Bromide                             | Not Detected | Nitrite                             | Not Detected |
| Calcium                             | 0.704        | Phosphate                           | Not Detected |
| Chloride                            | 0.155        | Potassium                           | 0.018        |
| Fluoride                            | 0.001        | Sodium                              | 0.014        |
| Lithium                             | Not Detected | Sulphate                            | 0.119        |
| Magnesium                           | Not Detected | Zinc                                | Not Tested   |

## ORDERING INFORMATION

| SIZE        | 6.5     | 7       | 7.5     | 8       | 8.5    | 9       |
|-------------|---------|---------|---------|---------|--------|---------|
| REORDER NO. | BNMS-65 | BNMS-70 | BNMS-75 | BNMS-80 | BMS-85 | BNMS-90 |

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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