



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 | CE 0598, EN 420:2003 + A1:2009, EN 421:2010, 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 ⁻⁶ |
| 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 ≥0.5µm (counts / cm²) | <2600 | | | | | | IENT-RP-CC005.4 |
| Target Single Wall Palm Thickness (mm/mil) | 0.15 / 5.91 | | | | | | EN 455-2 |
| Target Single Wall Finger Thickness (mm/mil) | 0.18 / 7.09 | | | | | | EN 455-2 |
| Target Single Wall Cuff Thickness (mm/mil) | 0.09 / 3.54 | | | | | | EN 455-2 |
| Force at Break (N) During Aging | ≥ 9 N | | | | | | EN 455-2 |

IONIC CONTENT

| Concentration in µg/cm ² | Typical | Concentration in µg/cm ² | 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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