



## Biotac BIOTAC

Non-sterile Disposable Nitrile  
Cleanroom Glove

# Latex-free non-sterile nitrile gloves, combining hand protection, flexibility and comfort

- **Allergy protection:** These powder-free cleanroom gloves are made from latex-free synthetic polymers, eliminating the risk of Type I latex allergies
- **Specialized protection:** BioClean™ Biotac BIOTAC non-latex gloves' nitrile formulation ensures they are resistant to a range of chemical hazards
- **Assured comfort and flexibility:** Their nitrile formulation also ensures comfort, flexibility and easy donning capabilities
- **Minimized contamination risks:** Thanks to their non-particulating EasyTear packaging, these non-sterile disposable gloves reduce contamination risks when entering the cleanroom environment



## KEY FEATURES & BENEFITS

- **Nitrile formulation:** Comfort, flexibility and chemical resistance
- **Latex-free design:** Type I latex allergy risks eliminated
- **Non-particulating EasyTear packaging:** Lower contamination risks

### Industries

- Production and Manufacturing
- Controlled and Critical Environments
- Lab and R&D

### Recommended For

- Clean room cleaning and preparing
- Chemical Handling
- Enhanced grip in wet environments
- Enhanced tactile sensitivity and dexterity, especially for delicate procedures
- Food processing and handling



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## TECHNICAL DATA SHEET

|                                        | Product Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                               | Nitrile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Color                                  | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Shape                                  | Ambidextrous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 0493, EN 421:2010, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 455 Part 2, Food Contact, Category III, UKCA                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging                              | 100 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; 10 outer bags per lined carton (1000 pieces).<br><b>More sustainable packaging:</b> These non-sterile gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases.<br>*Inner wrap, pouch, bag and liner are made from polyethylene (PE) based film. Always check your local recyclable status as these materials may not be considered suitable for recycling in your location. |
| Storage                                | Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.                                                                                                                                         |
| Country of Origin                      | Malaysia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Available sizes                        | XS (5.5 - 6), S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10), 2XL (10.5-11)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Powder Content                         | Powder-Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| External Glove Surface                 | Textured Fingers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Internal Glove Surface                 | Chlorinated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cleanroom Class                        | Class 100/ISO 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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                                              | XS (5.5 - 6)        | S (6.5 - 7) | M (7.5 - 8) | L (8.5 - 9) | XL (9.5 - 10) | 2XL (10.5-11) | EN ISO 21420    |
| Typical Length (mm/in)                             | 300 / 12            |             |             |             |               |               |                 |
| Palm Width (mm/in)                                 | 75/3                | 85/3.3      | 95/3.7      | 105/4.1     | 115/4.5       | 119/4.7       |                 |
| Freedom from Holes                                 | 1.5 AQL Performance |             |             |             |               |               | EN 455-2        |
| Typical Particle Count<br>≥0.5µm (counts / cm²)    | <1500               |             |             |             |               |               | IEST-RP-CC005.4 |
| Target Single Wall Palm<br>Thickness (mm/mil)      | 0.11 / 4.33         |             |             |             |               |               | EN 455-2        |
| Target Single Wall<br>Finger Thickness<br>(mm/mil) | 0.17 / 6.69         |             |             |             |               |               | EN 455-2        |
| Target Single Wall Cuff<br>Thickness (mm/mil)      | 0.08 / 3.15         |             |             |             |               |               | EN 455-2        |
| Force at Break (N)<br>During Aging                 | ≥6 N                |             |             |             |               |               | EN 455-2        |

## IONIC CONTENT

| Concentration in $\mu\text{g}/\text{cm}^2$ | Typical      | Concentration in $\mu\text{g}/\text{cm}^2$ | Typical      |
|--------------------------------------------|--------------|--------------------------------------------|--------------|
| Ammonium                                   | 0.011        | Nitrate                                    | 0.26         |
| Bromide                                    | Not Detected | Nitrite                                    | Not Detected |
| Calcium                                    | 0.31         | Phosphate                                  | Not Detected |
| Chloride                                   | 0.11         | Potassium                                  | 0.03         |
| Fluoride                                   | Not Detected | Sodium                                     | 0.029        |
| Lithium                                    | Not Detected | Sulphate                                   | 0.017        |
| Magnesium                                  | 0.002        | Zinc                                       | Not Detected |

## ORDERING INFORMATION

| SIZE        | XS (5.5 - 6) | S (6.5 - 7) | M (7.5 - 8) | L (8.5 - 9) | XL (9.5 - 10) | 2XL (10.5-11) |
|-------------|--------------|-------------|-------------|-------------|---------------|---------------|
| REORDER NO. | BIOTAC-XS    | BIOTAC-S    | BIOTAC-M    | BIOTAC-L    | BIOTAC-XL     | BIOTAC-2XL    |

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

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