

# Non-sterile disposable neoprene gloves, ideal for various cleanroom applications

- **Allergy protection:** These powder-free cleanroom gloves are made from latex-free synthetic polymers, eliminating the risk of Type I latex allergies
- **Enhanced cuff design:** Their beaded and extended-length cuff design offers a more secure fit, as well as greater arm coverage, for enhanced wrist and hand protection
- **Assured comfort and chemical resistance:** BioClean™ Fusion BFAP Non-sterile Polychloroprene Gloves' unique neoprene formulation ensures tactility, comfort and chemical resistance



## KEY FEATURES & BENEFITS

- **Unique neoprene formulation:** Tactility, comfort and chemical resistance
- **Latex-free design:** Type I latex allergy risks eliminated
- **Extended beaded cuff design:** Enhanced hand protection

## Industries

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



# Fusion BFAP

Non-sterile Disposable Neoprene  
(Polychloroprene) Cleanroom Glove

## TECHNICAL DATA SHEET

| Product Information                    |   |
|--|---|
| Material                               | Neoprene (Polychloroprene)  |
| Color                                  | Green   |
| 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         | EN 421:2010, EN ISO 374-5:2016, EN ISO 374-1:2016, EN 455 Part 2, 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                      | Indonesia   |
| 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                 | Polymer Coated  |
| Cleanroom Class                        | Class 10/ISO 4  |
| Shelf Life                             | Five (5) years from date of manufacture.  |
| Tested for use with Chemotherapy Drugs | Yes   |
| 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)   | 76/3         | 86/3.4      | 95/3.7      | 106/4.2     | 115/4.5       | 120/4.7       |                 |
| Freedom from Holes   | 1.5 AQL      |             |             |             |               |               | EN 374-2        |
| Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / $\text{cm}^2$ ) | 850          |             |             |             |               |               | IEST-RP-CC005.4 |
| Target Single Wall Palm Thickness (mm/mil)                             | 0.10 / 3.94  |             |             |             |               |               | EN 455-2        |
| Target Single Wall Finger Thickness (mm/mil)                           | 0.12 / 4.72  |             |             |             |               |               | EN 455-2        |
| Target Single Wall Cuff Thickness (mm/mil)                             | 0.07 / 2.76  |             |             |             |               |               | EN 455-2        |
| Ultimate tensile strength (MPa) During Aging                           | Min. 14      |             |             |             |               |               | ASTM D412-06a   |
| Force at Break (N) During Aging  | $\geq 6$ 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                                   | 0.003        | Nitrate                                    | 0.884        |
| Bromide                                    | Not Detected | Nitrite                                    | Not Detected |
| Calcium                                    | 0.652        | Phosphate                                  | Not Detected |
| Chloride                                   | 0.194        | Potassium                                  | 0.315        |
| Fluoride                                   | Not Detected | Sodium                                     | 0.099        |
| Lithium                                    | Not Detected | Sulphate                                   | 0.025        |
| Magnesium                                  | 0.007        | 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. | BFAP-XS      | BFAP-S      | BFAP-M      | BFAP-L      | BFAP-XL       | BFAP-XXL      |

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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