

Accelerator-free sterile nitrile gloves, offering users enhanced protection

- **Reduced allergy risks:** BioClean™ Excell BEXS sterile nitrile gloves are powder-free, latex-free and chemical accelerator-free, eliminating Type I latex and Type IV chemical allergies and sensitivities
- **Clean processed:** They undergo deionized washing to reduce surface particulates, ionic extractables and non-volatile residues
- **More sustainable packaging:** Packed in recyclable* plastic packaging and delivered in recycled cardboard shipper cases
- **Decreased contamination risks:** Non-particulating packaging reduces potential contaminant hazards in the cleanroom environment

**Always check the recyclable status of HDPE locally, as this plastic material may not be considered suitable for recycling in your country*



KEY FEATURES & BENEFITS

- **Chemical resistance:** Protection from chemicals and chemotherapy drugs
- **Hand-specific ergonomic design:** Improved dexterity for skilled handling
- **Gamma irradiation sterilized:** Sterility assurance level (SAL) of 10^{-6}

Industries

- Sterile Processing Department
- Biotechnology Manufacturing
- Controlled and Critical Environments
- Laboratory Research and Development
- Medical Device Manufacturing
- Pharmaceutical Manufacturing



Excell BEXS

Sterile Disposable Nitrile Cleanroom Glove

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 ISO 374-1:2016 Type B, EN ISO 374-5:2016, EN 455 Part 2, Food Contact, Category III |
| Packaging | 1 pair per inner wrap; 1 inner wrap per pouch; 10 pouches per outer bag; 20 outer bags per lined carton (200 pairs) |
| Storage | Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition. |
| Country of Origin | Malaysia |
| Available sizes | 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0 |
| 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 |
| Protein Level | N/A: contains no natural rubber latex |
| Anti-static | Yes |



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| Physical Properties | | | | | | | | Testing Method |
|--|---------------------|-----|--------|-----|-----|---------|-----|-----------------|
| Sizes | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | EN 420 |
| Typical Length (mm/in) | 300 / 12 | | | | | | | |
| Palm Width (mm/in) | 79 | 84 | 89/3.5 | 95 | 101 | 108/4.2 | 115 | |
| Freedom from Holes | 1.5 AQL Performance | | | | | | | EN 374-2 |
| Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / cm^2) | <1200 | | | | | | | IEST-RP-CC005.4 |
| Target Single Wall Palm Thickness (mm/mil) | 0.14 / 5.51 | | | | | | | EN 455-2 |
| Target Single Wall Finger Thickness (mm/mil) | 0.17 / 6.69 | | | | | | | EN 455-2 |
| Target Single Wall Cuff Thickness (mm/mil) | 0.11 / 4.33 | | | | | | | EN 455-2 |
| Ultimate tensile strength (MPa) Before Aging | Min. 15 | | | | | | | ASTM D412-06a |

IONIC CONTENT

| Concentration in $\mu\text{g}/\text{cm}^2$ | Typical | Concentration in $\mu\text{g}/\text{cm}^2$ | Typical |
|--|-------------------|--|-------------------|
| Ammonium | Available on File | Nitrate | <0.25 |
| Bromide | <0.01 | Nitrite | Available on File |
| Calcium | <0.55 | Phosphate | <0.01 |
| Chloride | <0.35 | Potassium | <0.10 |
| Fluoride | < 0.01 | Sodium | < 0.05 |
| Lithium | < 0.01 | Sulphate | <0.05 |
| Magnesium | < 0.01 | Zinc | < 0.05 |

ORDERING INFORMATION

| SIZE | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 |
|-------------|---------|---------|---------|---------|---------|---------|---------|
| REORDER NO. | BEXS-60 | BEXS-65 | BEXS-70 | BEXS-75 | BEXS-80 | BEXS-85 | BEXS-90 |

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



For additional information visit us at www.ansell.com, or call us at

Europe, Middle East & Africa Region

Ansell Healthcare Europe NV
T: +32 (0) 2 528 74 00
F: +32 (0) 2 528 74 01

Asia Pacific Region

Ansell Global Trading Center
T: +603 8310 6688
F: +603 8310 6699

North America Region

Ansell Healthcare Products LLC
US T: +1 800 800 0444
US F: +1 800 800 0445
CA T: +1-800-363-8340

Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.
T: +52 442 248 1544 / 248 3133

Australia

Ansell Limited
T: +61 1800 337 041
F: +61 1800 803 578

UK

Ansell Nitritex
T: +44 1638 663338
F: +44 1638 668890

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