

Non-sterile accelerator-free cleanroom gloves, made from soft, yet durable, nitrile

- **Assured cleanliness:** Nitrilite™ 93-401 protective gloves are specially designed for use in Class 10 (ISO 4) cleanroom environments
- **Improved product protection:** Made from a soft, yet durable, nitrile formulation, these cleanroom gloves are also low in ionic content and feature low particulate levels, for assured product protection
- **Reduced allergy risks:** In addition, these nitrile gloves are free of latex proteins and chemical accelerators, eliminating the risk of Type I and Type IV allergic reactions



KEY FEATURES & BENEFITS

- ◊ **Class 10 (ISO 4) cleanroom compatibility:** Assured cleanliness
- ◊ **Low ionic content and particulate levels:** Superb product protection
- ◊ **Latex-free, accelerator-free:** Type I and Type IV allergy risks eliminated

Industries

- Biotechnology Manufacturing
- Medical Device Manufacturing
- Electronics manufacturing

TECHNICAL DATA SHEET

| Product Information | |
|-------------------------------------|---|
| Material | Nitrile |
| Color | White |
| Shape | Ambidextrous |
| Cuff | Beaded |
| Manufacturing/QMS Audit Standards | ISO 9001:2015 |
| Regulatory/Standard Compliance | Category III, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, UKCA |
| Packaging | 50 gloves per inner bag ; 2 inner bags per master polybag ; 10 master polybags per (1000 gloves) per lined carton. More sustainable packaging: These non-sterile gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases. *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. |
| Available sizes | XS (5.5 - 6), S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10) |
| Powder Content | Powder-Free |
| External Glove Surface | Textured Fingers |
| Internal Glove Surface | Powder-Free, Chlorinated |
| Cleanroom Class | Class 10/ISO 4 |
| Shelf Life | 5 Years |
| Protein Level | Not Applicable: contains no natural rubber latex |
| Vulcanization Chemical Accelerators | <ul style="list-style-type: none"> None |

Nitrilite®

93-401

Non-sterile Disposable Nitrile Cleanroom Glove

| Physical Properties | | Testing Method |
|--|---------------------------------|-------------------------|
| Typical Length (mm/in) | 300 / 12 | EN ISO 21420 ASTM D3767 |
| Freedom from Holes | 1.5 AQL | EN 455-1/ASTM D3577 |
| Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / cm^2) | < 400 particles / cm^2 | IEST-RP-CC005.4 |

IONIC CONTENT

| Concentration in $\mu\text{g}/\text{cm}^2$ | Typical | Concentration in $\mu\text{g}/\text{cm}^2$ | Typical |
|--|---------|--|---------|
| Calcium | <0.300 | Potassium | <0.020 |
| Chloride | 0.200 | Sodium | <0.050 |
| Lithium | <0.0001 | Sulphate | <0.010 |
| Magnesium | <0.001 | Zinc | <0.050 |
| Nitrate | <0.100 | | |

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

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending; www.ansell.com/patentmarking © 2025 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.