

## Comfortable sterile nitrile disposable gloves, made for Class 100 (ISO 5) cleanroom environments

- **Heightened protection and durability:** TouchNTuff™ 93-700 cleanroom gloves' unique nitrile formulation ensures comfort, durability and protection against chemical splashes
- **Sterility assurance:** These protective gloves are sterilized by gamma irradiation, ensuring them a sterility assurance level (SAL) of 10<sup>-6</sup>
- **Assured product integrity:** In addition, they are silicone-free, lowering the risk of contaminant transfer that may compromise product integrity



### KEY FEATURES & BENEFITS

- ◊ **Proprietary nitrile formulation:** Durability and chemical splash protection
- ◊ **Gamma sterilization:** A sterility assurance level (SAL) of 10<sup>-6</sup>
- ◊ **Silicone-free:** Assured product protection

### Industries

- Biotechnology Manufacturing
- Electronics manufacturing

### Recommended For

- Clean room cleaning and preparing
- Spill or leakage cleanup
- Transferring liquids and solids
- Weighing and dispensing of solid and liquid raw materials
- Loading centrifuges and chromatography columns
- Blending, compounding solids and liquids
- Assembly of parts

## TECHNICAL DATA SHEET

|                                        | Product Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                               | Nitrile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Color                                  | Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Shape                                  | Ambidextrous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Cuff                                   | Beaded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Manufacturing/QMS Audit Standards      | ISO 9001:2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Regulatory/Standard Compliance         | ASTM D6978, Category III, CE 0493, EN 455 Part 2, EN ISO 21420:2020, EN ISO 374-1:2016 Type B (JKPT), EN ISO 374-1:2016, EN ISO 374-5:2016, EN 421:2010, FDA21 CFR 177-2600-US Food Contact Approved, Food Type: Rubber, ISO 14001, UKCA                                                                                                                                                                                                                                                                                                                                         |
| Packaging                              | <p>1 pair/poly wallet sealed in a poly envelope; 10 pairs/outer polybag; 5 sealed outer polybags/master polybag; 4 sealed master polybags/lined carton/case; 200 pairs/ carton(case).</p> <p><b>More sustainable packaging:</b> These sterile nitrile gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases.</p> <p>*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.</p> |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sterilization Method                   | GAMMA irradiation (25 kGy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cleanroom Class                        | Class 100/ISO 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Shelf Life                             | 3 Years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Tested for use with Chemotherapy Drugs | Yes, in accordance with ASTM D6978 (Not listed in the US FDA 510k)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Level                          | Not Applicable: contains no natural rubber latex                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Anti-static                            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Vulcanization Chemical Accelerators    | <ul style="list-style-type: none"> <li>• Zinc Mercaptobenzothiozole (ZMBT)</li> <li>• Zinc Dibutylidithiocarbamate (ZDBC)</li> </ul> <p><i>Only a very small number of users may be sensitive to this ingredient(s) and hence may develop irritant and/or allergic contact reactions.</i></p>                                                                                                                                                                                                                                                                                    |

# TouchNTuff™

## 93-700

### Sterile Disposable Nitrile Cleanroom Glove

| Physical Properties                                                    |                                        | Testing Method  |
|------------------------------------------------------------------------|----------------------------------------|-----------------|
| Typical Length (mm/in)                                                 | 300 / 12                               | EN ISO 21420    |
| Freedom from Holes                                                     | 1.5 AQL                                | EN 374-2        |
| Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / $\text{cm}^2$ ) | $\leq 1,200$ particles / $\text{cm}^2$ | IENT-RP-CC005.4 |
| Force at Break (N) During Aging                                        | Min. 6                                 | EN 455-2        |

## ORDERING INFORMATION

| SIZE        | XS (5.5 - 6) | S (6.5 - 7) | M (7.5 - 8) | L (8.5 - 9) | XL (9.5 - 10) |
|-------------|--------------|-------------|-------------|-------------|---------------|
| REORDER NO. | 93700060     | 93700070    | 93700080    | 93700090    | 93700100      |

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



For additional information visit us at [www.ansell.com](http://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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The Ansell logo, featuring the word "Ansell" in a blue, sans-serif font with a green swoosh underneath.