

Non-sterile polyisoprene disposable gloves, designed for Class 100 (ISO 5) cleanroom environments

- **Elevated comfort:** Ideal for double donning, these latex-free polyisoprene cleanroom gloves' soft, lightweight feel grants wearers a "second skin" sensation, limiting hand fatigue with sustained wear
- **Reduced allergy risks:** Being latex-free, TouchNTuff® 83-300 polyisoprene gloves do not pose a Type I latex allergy risk
- **Assured cleanliness:** These disposable gloves are compatible with Class 100 (ISO 5)/Grade A cleanroom environments



KEY FEATURES & BENEFITS

- **Ultra-soft polyisoprene formulation:** A "second skin" feel and comfort
- **Latex-free design:** Type I latex allergy risks eliminated
- **Class 100 (ISO 5) cleanroom compatibility:** Assured cleanliness

Industries

- Laboratory Maintenance & Clean-Up
- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Medical Device Manufacturing
- Laboratory Research and Development
- Controlled and Critical Environments
- Production and Manufacturing

Recommended For

- Maintaining lab furniture and equipment
- Spill or leakage cleanup
- Transferring liquids and solids
- Packaging and labeling
- Transferring liquids
- Clean room cleaning and preparing
- Sample taking and processing



TECHNICAL DATA SHEET

| Product Information | |
|--|--|
| Material | PI (Polyisoprene) |
| Color | White |
| Shape | Anatomic with Curved Fingers |
| Cuff | Beaded with SUREFIT™ Technology |
| Manufacturing/QMS Audit Standards | ISO 9001:2015 |
| Regulatory/Standard Compliance | AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0493, EN ISO 21420:2020, EN ISO 374-1:2016 Type B (KPT), EN ISO 374-5:2016, EN 421:2010, Please consult the IFU, ISO 10282, ISO 11193, ISO 13485 |
| Packaging | <p>20 pairs per polybag; 2 polybags per master polybag; 5 master polybags per carton; 200 pairs per carton</p> <p>More sustainable packaging: These non-sterile 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 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 | 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9 |
| Powder Content | Powder-Free |
| External Glove Surface | Smooth |
| Internal Glove Surface | Polymer Coated with DERMASHIELD™ Technology |
| Cleanroom Class | Class 100/ISO 5 |
| Shelf Life | 5 years |
| Tested for use with Chemotherapy Drugs | No |
| Protein Level | N/A: contains no natural rubber latex |
| Anti-static | No |
| Vulcanization Chemical Accelerators | <ul style="list-style-type: none"> • Zinc Diethyldithiocarbamate (ZDEC) • Zinc Dibutyldithiocarbamate (ZDBC) • Sodium di-n-butylthiocarbamate (SDBC) • Xanthates • N,N'-Diphenylthiourea <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> |

| Physical Properties | | Testing Method |
|--|-------------|---------------------|
| Typical Length (mm/in) | 300 / 12 | EN 420/ASTM D3767 |
| Freedom from Holes | 0.65 AQL | EN 455-1/ASTM D3577 |
| Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / cm ²) | ≤ 2500 | IEST-RP-CC005.4 |
| Target Single Wall Palm Thickness (mm/mil) | 0.21 | EN 420/ASTM D3767 |
| Target Single Wall Finger Thickness (mm/mil) | 0.23 | EN 420/ASTM D3767 |
| Target Single Wall Cuff Thickness (mm/mil) | 0.17 | EN 420/ASTM D3767 |
| Ultimate tensile strength (MPa) Before Aging | 17 | ASTM D412-06a |
| Ultimate tensile strength (MPa) During Aging | 12 | ASTM D412-06a |
| Force at Break (N) Before Aging | 9 | EN 455-2 |
| Force at Break (N) During Aging | 9 | EN 455-2 |

ORDERING INFORMATION

| SIZE | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|
| REORDER NO. | 83300055 | 83300060 | 83300065 | 83300070 | 83300075 | 83300080 | 83300085 | 83300090 |

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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Technology



Pinhole Barrier Technology



Ergonomic Design Technology



Cuff Roll-down Technology



Donning Aid Technology



Skin-friendly, non-sensitizing PI Technology