

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 | AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0493, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 421:2010, Please consult the IFU, ISO 10282, ISO 11193, ISO 13485 |
| Packaging | 20 pairs per polybag; 2 polybags per master polybag; 5 master polybags per carton; 200 pairs per carton |
| 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 | Not Tested |
| 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



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