

## 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"> <li>• Zinc Diethyldithiocarbamate (ZDEC)</li> <li>• Zinc Dibutyldithiocarbamate (ZDBC)</li> <li>• Sodium di-n-butyldithiocarbamate (SDBC)</li> <li>• Xanthates</li> <li>• N,N'-Diphenylthiourea</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>

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 <sup>2</sup> )	$\leq 2500$	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



Donning Aid Technology



Ergonomic Design Technology



Skin-friendly, non-sensitizing PI Technology



Cuff Roll-down Technology

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