

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

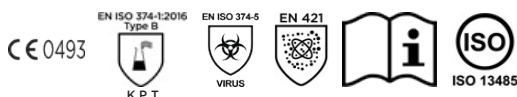
	Product Information
Material	PI (Polyisoprene)
Color	White
Shape	Anatomic with Curved Fingers
Cuff	Beaded with SUREFIT™ Technology
Manufacturing/QMS Audit Standards	ISO 9001:2015
Regulatory	AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0493, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 421:2010, 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

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.	520156	520157	520158	520159	520160	520161	520162	520163

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