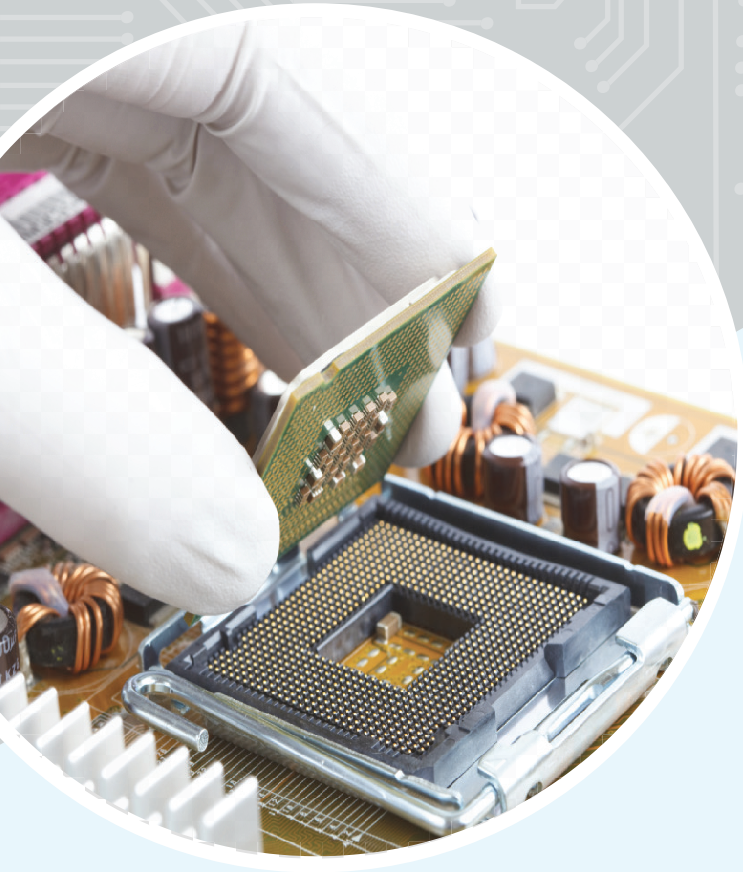


TOP GLOVE

TOP QUALITY, TOP EFFICIENCY

More Than Just Gloves

CLEANROOM GLOVES



Colours

-  Natural (Latex)  White (Nitrile)

Glove Class

Glove Class	Liquid Particle Count $\geq 0.5 \mu\text{m}/\text{cm}^2$
Class 10	$< 500/\text{cm}^2$
Class 100	$< 1,200/\text{cm}^2$
Class 1,000	$< 3,500/\text{cm}^2$
Class 10,000	$< 7,000/\text{cm}^2$

Applications



Semi Conductor



Aerospace



Pharmaceutical



Electronics



Biotech Industries



Optometry

Product Specifications

- Type** : Powder Free, Non Sterile
- Material** : Natural High Grade Rubber Latex or Synthetic Nitrile Latex
- Design & Features** : Palm Textured or Finger Textured Surface, Ambidextrous, Beaded Cuff, Made in Cleanroom
- Storage** : The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight.
- Shelf Life** : The gloves shall have shelf life of 5 years from the date of manufacture with the above storage condition

Assured Conformances

Our Cleanroom gloves are specially designed and tested in compliance with multiple product safety conformances.

Manufactured under ISO 9001:2015 Quality Management System

REACH Tested

Reference: Regulation (EC) No.1907/2006

Purpose: To ensure our glove is free from two hundred thirty three (233) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorisation published by European Chemicals Agency (ECHA)

FT-IR Analysis

FT-IR Analysis	Latex		Nitrile	
	Class 10	Class 100	Class 10	Class 100
Silicone	PASS	PASS	PASS	PASS
Amide	PASS	PASS	PASS	PASS
Phthalate	PASS	PASS	PASS	PASS

Technical Properties

Technical Properties	Latex		Nitrile	
	Class 100	Class 1000	Class 10	Class 100
Protein Level	< 50 µg/gm	< 50 µg/gm	N/A	N/A
Electrical Properties Resistivity (ANSI/ESD SP 15-01-2005)	1 x 10 ¹² ohms/square at 50% - 60% relative humidity	N/A	1 x 10 ¹¹ ohms/square at 50% - 60% relative humidity. Customizable to 1 x 10 ¹⁰ ohms/square	
Total Non-volatile Residue	≤ 2.5µg/cm ² (IETS-RPCC005)	N/A	≤ 1.5µg/cm ² (IETS-RPCC005)	≤ 2.5µg/cm ² (IETS-RPCC005)
Particles Level (particles/cm ²) Particles Sizes ≥ 0.5 µm	< 1,500 (IETS-RPCC005)	< 3,500 (IETS-RPCC005)	< 800 (IETS-RPCC005)	< 1,500 (IETS-RPCC005)

Extractable Ionic Content

Extractable Ionic Content	Latex		Nitrile	
	Class 10	Class 100	Class 10	Class 100
Fluoride F ⁽⁻⁾	< 0.020 µg/cm ²	< 0.030 µg/cm ²	< 0.005 µg/cm ²	< 0.010 µg/cm ²
Chloride CL ⁽⁻⁾	< 1.000 µg/cm ²	< 2.000 µg/cm ²	< 0.100 µg/cm ²	< 0.300 µg/cm ²
Bromide Br ⁽⁻⁾	< 0.020 µg/cm ²	< 0.030 µg/cm ²	< 0.005 µg/cm ²	< 0.050 µg/cm ²
Nitrate NO ₃ ⁽⁻⁾	< 0.500 µg/cm ²	< 1.000 µg/cm ²	< 0.100 µg/cm ²	< 0.300 µg/cm ²
Phosphate PO ₄ ⁽⁻⁾	< 0.020 µg/cm ²	< 0.030 µg/cm ²	< 0.005 µg/cm ²	< 0.015 µg/cm ²
Sulfate SO ₄ (²⁻)	< 0.500 µg/cm ²	< 1.000 µg/cm ²	< 0.050 µg/cm ²	< 0.050 µg/cm ²
Sodium Na ⁽⁺⁾	< 0.050 µg/cm ²	< 0.150 µg/cm ²	< 0.050µg/cm ²	< 0.100 µg/cm ²
Lithium Li ⁽⁺⁾	< 0.001 µg/cm ²	< 0.002 µg/cm ²	< 0.001µg/cm ²	< 0.001 µg/cm ²
Ammonium NH ₄ ⁽⁺⁾	< 0.050 µg/cm ²	< 0.150 µg/cm ²	< 0.050 µg/cm ²	< 0.100 µg/cm ²
Potassium K ⁽⁺⁾	< 0.050 µg/cm ²	< 0.100 µg/cm ²	< 0.050 µg/cm ²	< 0.100 µg/cm ²
Magnesium Mg ⁽²⁺⁾	< 0.005 µg/cm ²	< 0.010 µg/cm ²	< 0.005 µg/cm ²	< 0.010 µg/cm ²
Calcium Ca ⁽²⁺⁾	< 0.100 µg/cm ²	< 0.200 µg/cm ²	< 0.050 µg/cm ²	< 0.200 µg/cm ²

If you have any enquiries on our products, please contact :

TOP GLOVE SALES & CORPORATE OFFICE
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SCAN FOR MORE PRODUCT INFORMATION



SCAN TO PROVIDE FEEDBACK AND VISIT OUR WEBSITE



sales@topglove.com.my

https://www.facebook.com/topglovecorp

www.topglove.com

Functional Benefits

Our Cleanroom gloves are manufactured in a state of the art ISO 4 Cleanroom facility.

- Provides contamination protection from unwanted & dangerous substances
- Validated for low particulate and extractable ion levels
- Curated with a custom design to provide enhanced comfort and fit
- Outer surface tackiness selection offers different grip and handling precision
- Chlorinated powder free promotes an incredibly smooth donning and doffing experience

Physical Dimension & Properties

Top Glove (Latex)

Size	Length, mm	Palm width, mm	Thickness: Single wall, mm
XS	Min. 230 Min. 240 (All sizes)	76 ± 3	Finger: Min. 0.08 (≥ 3.2 Mil) Palm: Min. 0.08 (≥ 3.2 Mil)
S		84 ± 3	
M		94 ± 3	
L		105 ± 3	
XL		113 ± 3	

Top Glove (Nitrile)

Size	Length, mm	Palm width, mm	Thickness: Single wall, mm
XS	Min. 230 Min. 240 300 ± 10	76 ± 3	Finger: Min. 0.05 (≥ 2.0 Mil) Palm: Min. 0.05 (≥ 2.0 Mil)
S		84 ± 3	
M		94 ± 3	
L		105 ± 3	
XL		113 ± 3	

ASTM D3578 (Latex)

Size	Length, mm	Palm width, mm	Thickness: Single wall, mm
XS	Min. 220 (XS, S)	70 ± 10	Finger: Min. 0.08 (≥ 3.2 Mil) Palm: Min. 0.08 (≥ 3.2 Mil)
S		80 ± 10	
M		95 ± 10	
L		111 ± 10	
XL		120 ± 10	

ASTM D6319 (Nitrile)

Size	Length, mm	Palm width, mm	Thickness: Single wall, mm
XS	Min. 220 (XS, S)	70 ± 10	Finger: Min. 0.05 (≥ 2.0 Mil) Palm: Min. 0.05 (≥ 2.0 Mil)
S		80 ± 10	
M		95 ± 10	
L		110 ± 10	
XL		120 ± 10	

ASTM D3578 (Latex)

Elongation at Break, %

Before Aging Min. 650
After Aging Min. 500

Tensile Strength, MPa

Before Aging Min. 18
After Aging Min. 14

ASTM D6319 (Nitrile)

Elongation at Break, %

Before Aging Min. 500
After Aging Min. 400

Tensile Strength, MPa

Before Aging Min. 14
After Aging Min. 14