



CLEANROOM GLOVES CATALOGUE

www.bergamot.com.my

Where Requirements Meet Perfection

ABOUT US

Bergamot Sdn. Bhd., Malaysia's leading supplier of Personal Protective Equipment (PPE). We take great pride in delivering top-quality products to meet the ever-growing demand for safety and protection. Our commitment to excellence is reflected in our strong belief in the principle of "Where requirements meet perfection." With our products exported to Europe, America, the Middle East, Japan, South Korea, Australia, and other countries, we have established a reputation for reliability and quality on a global scale.

We are thrilled to announce our exciting new focus on specializing in cleanroom products. We tailor solutions that meet the unique requirements of industries such as microelectronics manufacturing, optical manufacturing, semiconductor manufacturing, chip manufacturing, solar photovoltaic manufacturing, food processing, biopharmaceuticals, aerospace, and biotechnology.

Our range of cleanroom gloves and mask is designed to meet the stringent standards of controlled environments. Leveraging cutting-edge technology and continuous improvement through research and development, we deliver exceptional products that enable our customer to create a controlled and contamination-free environment, ensuring the utmost protection for the user and processes. The cleanroom facility is certified in compliance of ISO 4 cleanroom standard adheres to the ISO9001:2015 quality management system. With a monthly capacity of 30,000 cartons of cleanroom gloves, we are well-equipped to meet the demands of our customers efficiently.

At Bergamot, we prioritize a reliable and consistent supply chain. With unwavering dedication, we establish a robust network that guarantees the availability of superior-quality cleanroom products. Our specialized focus on cleanroom solutions adds significant value to your organization. International partners are wholeheartedly invited to experience the superior quality and reliability of our cleanroom gloves. You can count on our expert team for exceptional customer service, technical support, and tailored innovative solutions.

SUITABLE FOR



Electronic Industry



Optical Devices
Production



Semiconductor Chip
Manufacturing



Biotechnology
Pharmaceutical



Solar Photovoltaic
Manufacturing



Food Processing



Aerospace
Engineering

Choose the right glove



CLEANROOM GLOVE



EXAMINATION GLOVE

All gloves are not the same

Choosing the appropriate glove for the job is more important than you might think. Selecting the right glove is essential for the safety of the user since one purpose of the glove is to prevent what goes on inside the glove such as hand injuries and contamination. The other purpose of the glove is to protect what is taking place outside of the glove which is what is being handled during the application.

Cleanrooms and medical facilities are two places that utilize these gloves. Each uses gloves for different applications and therefore need to use the glove designed with its specific purpose in mind.

CLEANROOM GLOVES

Cleanroom is an environment with a controlled level of contamination to prevent damage of product during production and protect sensitive processes or experiments. Work environments that should remain void of dust, chemical vapors, airborne microbes, aerosol particles, static electricity and other pollutants.

Since the need to avoid these contaminants is essential, there are gloves specifically designed with this in mind. Cleanroom gloves fall under strict guidelines so that they are safe in environments that are controlled. If special precautions are not taken in this environment, then the application can become compromised. Understand the cleanroom classification and the type of industry the gloves are being used for, will aid in better selection of cleanroom gloves.

Cleanroom glove is commonly used in electronic manufacturing, biotechnology, pharmaceuticals, optical devices production, solar photovoltaic manufacturing where even tiny particles can be detrimental.

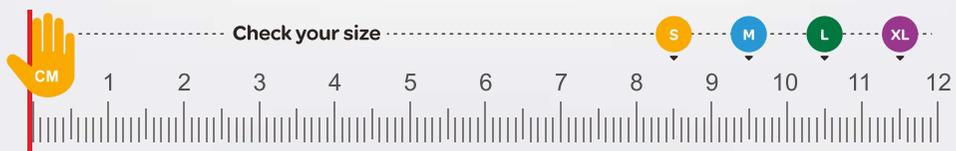
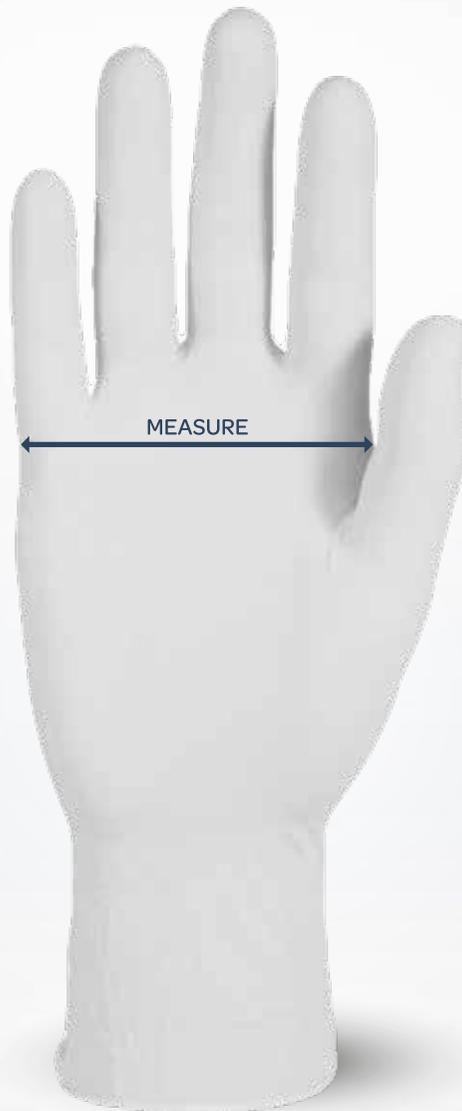
MEDICAL GLOVES

Examination and surgical gloves are used in medical settings. Their purpose is to protect the patient and the medical personnel from the transfer of microbes, bacteria, and any other harmful substances that could cause harm during a medical procedure. They are worn by healthcare professionals such as doctors and nurses during patient examinations, surgeries and other medical procedures to prevent transmission of pathogens and to maintain aseptic conditions.

Examination gloves are subject to quality control standard but the requirements may not be as strict as cleanroom gloves. It is regulated by medical devices regulation. User to select suitable thickness of glove for potential exposure to bodily fluid or chemicals.

Choose the right size

Selecting the correct size of glove is essential to ensure perfect fit.
Place your index finger next to the red line as shown to get your glove size.



NITRILE

CLEANROOM GLOVES



Liquid Particle Count

Class 10

Particle size $\geq 0.5\mu\text{m}$
LPC < 600 count/cm²

Class 100

Particle size $\geq 0.5\mu\text{m}$
LPC < 1200 count/cm²

Class 1000

Particle size $\geq 0.5\mu\text{m}$
LPC < 3000 count/cm²



Below are tested in compliance of IEST-RP-CC005 standard

Ionic Content	Class 10	Class 100	Class 1000
Fluoride, F	<0.007 $\mu\text{g}/\text{cm}^2$	<0.030 $\mu\text{g}/\text{cm}^2$	<0.080 $\mu\text{g}/\text{cm}^2$
Chloride, Cl	<0.200 $\mu\text{g}/\text{cm}^2$	<1.200 $\mu\text{g}/\text{cm}^2$	<3.000 $\mu\text{g}/\text{cm}^2$
Bromide, Br	<0.025 $\mu\text{g}/\text{cm}^2$	<0.050 $\mu\text{g}/\text{cm}^2$	<0.125 $\mu\text{g}/\text{cm}^2$
Nitrate, NO ₃	<0.350 $\mu\text{g}/\text{cm}^2$	<1.000 $\mu\text{g}/\text{cm}^2$	<2.500 $\mu\text{g}/\text{cm}^2$
Phosphate, PO ₄	<0.250 $\mu\text{g}/\text{cm}^2$	<0.800 $\mu\text{g}/\text{cm}^2$	<2.000 $\mu\text{g}/\text{cm}^2$
Sulfate, SO ₄	<0.300 $\mu\text{g}/\text{cm}^2$	<0.800 $\mu\text{g}/\text{cm}^2$	<2.000 $\mu\text{g}/\text{cm}^2$
Lithium, Li	<0.007 $\mu\text{g}/\text{cm}^2$	<0.050 $\mu\text{g}/\text{cm}^2$	<0.100 $\mu\text{g}/\text{cm}^2$
Sodium, Na	<0.040 $\mu\text{g}/\text{cm}^2$	<0.050 $\mu\text{g}/\text{cm}^2$	<0.100 $\mu\text{g}/\text{cm}^2$
Ammonium, NH ₄	<0.005 $\mu\text{g}/\text{cm}^2$	<0.006 $\mu\text{g}/\text{cm}^2$	<0.007 $\mu\text{g}/\text{cm}^2$
Potassium, K	<0.040 $\mu\text{g}/\text{cm}^2$	<0.050 $\mu\text{g}/\text{cm}^2$	<0.100 $\mu\text{g}/\text{cm}^2$
Magnesium, Mg	<0.003 $\mu\text{g}/\text{cm}^2$	<0.004 $\mu\text{g}/\text{cm}^2$	<0.006 $\mu\text{g}/\text{cm}^2$
Calcium, Ca	<0.300 $\mu\text{g}/\text{cm}^2$	<0.310 $\mu\text{g}/\text{cm}^2$	<0.320 $\mu\text{g}/\text{cm}^2$
Nitrate, NO ₂	<0.300 $\mu\text{g}/\text{cm}^2$	<0.500 $\mu\text{g}/\text{cm}^2$	<1.000 $\mu\text{g}/\text{cm}^2$



CX0247-PRO | CHLORINE FREE
SULFUR FREE | **9"**
Nitrile Cleanroom Glove

Weight (gm)	4.7 ± 0.2
Color	Translucent White
Glove Surface	Finger Textured
Length (mm)	240
Finger Thickness (mm)	0.12 ± 0.02
Palm Thickness (mm)	0.09 ± 0.02
Packing Mode	100 Pcs/Double Vacumm Pack, 10 Packs/Ctn

<p>OPTIONAL FEATURES</p> Tacky/High Tacky ESD Fingerprint Free	<p>PERFORMANCE RATING</p> <p>ISO 374-6:2016 ISO 374-1:2018 Type B</p> VIRUS KFT
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CX0248-SF PF / CLASS 1000 | **9"**
Nitrile Cleanroom Glove



Weight (gm)	4.8 ± 0.2
Color	Translucent White
Glove Surface	Finger Textured
Length (mm)	240
Finger Thickness (mm)	0.15 ± 0.02
Palm Thickness (mm)	0.11 ± 0.02
Packing Mode	100 Pcs/Double Vacumm Pack, 10 Packs/Ctn

<p>OPTIONAL FEATURES</p> Tacky/High Tacky ESD Fingerprint Free	<p>PERFORMANCE RATING</p> <p>ISO 374-6:2016 ISO 374-1:2018 Type B</p> VIRUS KFT
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CX0553 PF / CLASS 1000 | **12"**
Nitrile Cleanroom Glove



Weight (gm)	5.3 ± 0.2
Color	Translucent White
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.10 ± 0.02
Palm Thickness (mm)	0.07 ± 0.02
Packing Mode	100 Pcs/Double Vacumm Pack, 10 Packs/Ctn

<p>OPTIONAL FEATURES</p> Tacky/High Tacky ESD Fingerprint Free	<p>PERFORMANCE RATING</p> <p>ISO 374-6:2016 ISO 374-1:2018 Type B</p> VIRUS KFT
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CX0565 CLASS 10,100,1000 | 12"

Nitrile Cleanroom Glove



Weight (gm)	6.5 ± 0.2
Color	Translucent White
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.12 ± 0.02
Palm Thickness (mm)	0.09 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

OPTIONAL FEATURES



PERFORMANCE RATING



CX0557-SF PF / CLASS 1000 | 12"

Nitrile Cleanroom Glove



Weight (gm)	5.7 ± 0.2
Color	Translucent White
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.11 ± 0.02
Palm Thickness (mm)	0.08 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

OPTIONAL FEATURES



PERFORMANCE RATING



CX0557-PRO | CHLORINE FREE | 12"
SULFUR FREE
Nitrile Cleanroom Glove

Weight (gm)	5.7 ± 0.2
Color	Translucent White
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.12 ± 0.02
Palm Thickness (mm)	0.09 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

OPTIONAL FEATURES



PERFORMANCE RATING





CX0558MW | CLASS 10,100,1000 | 12" Nitrile Cleanroom Glove

Weight (gm)	5.8 ± 0.2
Color	Milky White
Texture	Finger Textured
Length (mm)	300
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

OPTIONAL FEATURES



PERFORMANCE RATING



CX0568MW CLASS 10,100,1000 | 12" Nitrile Cleanroom Glove



Weight (gm)	6.8 ± 0.2
Color	Milky White
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.15 ± 0.02
Palm Thickness (mm)	0.12 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

OPTIONAL FEATURES



PERFORMANCE RATING



CX0585MW CLASS 10,100,1000 | 12" Nitrile Cleanroom Glove



Weight (gm)	8.5 ± 0.2
Color	Milky White
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.18 ± 0.02
Palm Thickness (mm)	0.14 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

OPTIONAL FEATURES

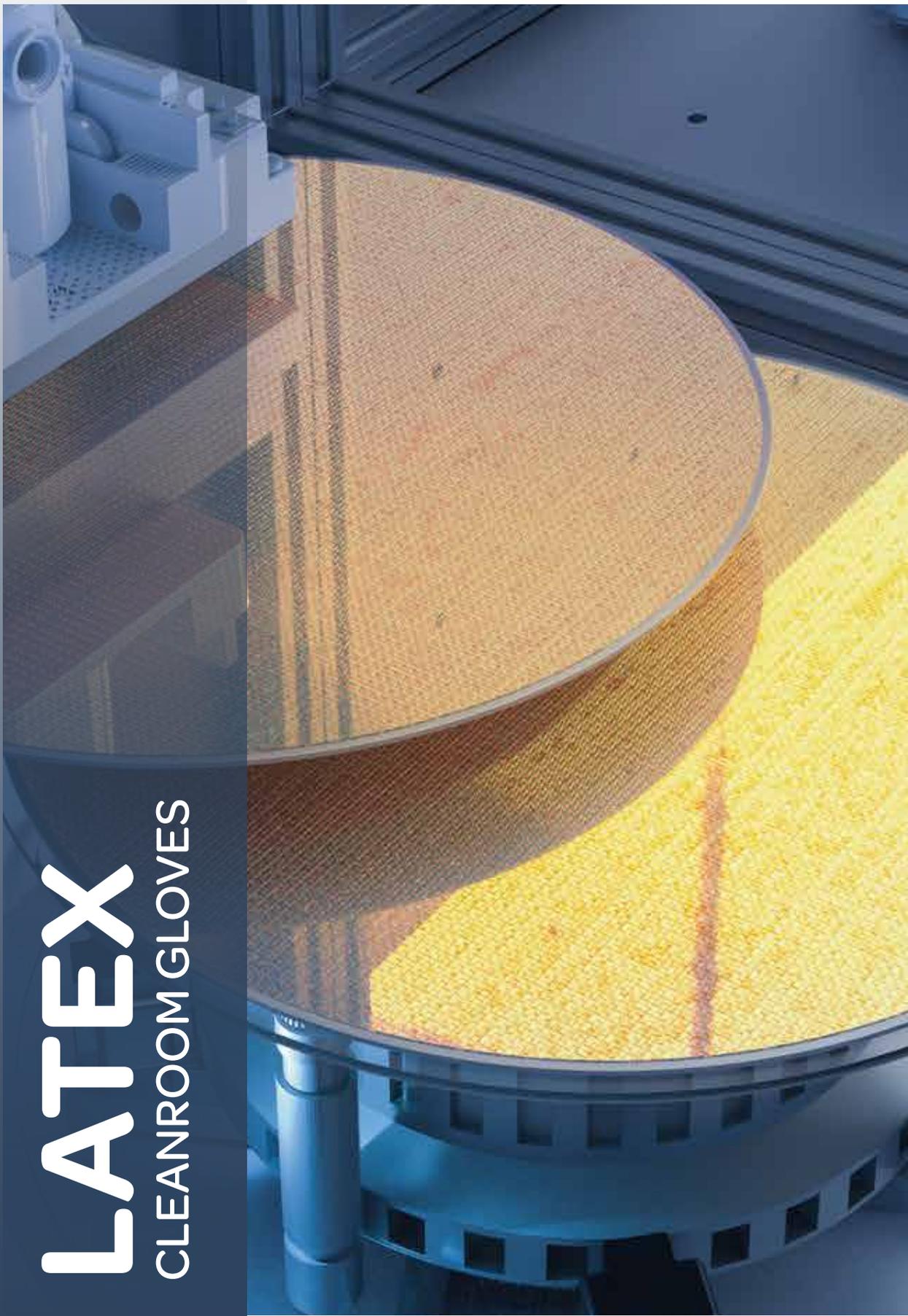


PERFORMANCE RATING



LATEX

CLEANROOM GLOVES



Liquid Particle Count

Class 10

Particle size $\geq 0.5\mu\text{m}$
LPC < 600 count/cm²

Class 100

Particle size $\geq 0.5\mu\text{m}$
LPC < 1200 count/cm²

Class 1000

Particle size $\geq 0.5\mu\text{m}$
LPC < 3000 count/cm²



Below are tested in compliance of IEST-RP-CC005 standard

Ionic Content	Class 10	Class 100	Class 1000
Fluoride, F	<0.130 $\mu\text{g}/\text{cm}^2$	<0.380 $\mu\text{g}/\text{cm}^2$	<0.680 $\mu\text{g}/\text{cm}^2$
Chloride, Cl	<0.800 $\mu\text{g}/\text{cm}^2$	<1.200 $\mu\text{g}/\text{cm}^2$	<2.500 $\mu\text{g}/\text{cm}^2$
Bromide, Br	<0.040 $\mu\text{g}/\text{cm}^2$	<0.090 $\mu\text{g}/\text{cm}^2$	<0.150 $\mu\text{g}/\text{cm}^2$
Nitrate, NO ₃	<0.600 $\mu\text{g}/\text{cm}^2$	<1.200 $\mu\text{g}/\text{cm}^2$	<2.000 $\mu\text{g}/\text{cm}^2$
Phosphate, PO ₄	<0.300 $\mu\text{g}/\text{cm}^2$	<0.800 $\mu\text{g}/\text{cm}^2$	<1.200 $\mu\text{g}/\text{cm}^2$
Sulfate, SO ₄	<0.300 $\mu\text{g}/\text{cm}^2$	<0.900 $\mu\text{g}/\text{cm}^2$	<1.800 $\mu\text{g}/\text{cm}^2$
Lithium, Li	<0.007 $\mu\text{g}/\text{cm}^2$	<0.050 $\mu\text{g}/\text{cm}^2$	<0.100 $\mu\text{g}/\text{cm}^2$
Sodium, Na	<0.130 $\mu\text{g}/\text{cm}^2$	<0.370 $\mu\text{g}/\text{cm}^2$	<0.580 $\mu\text{g}/\text{cm}^2$
Ammonium, NH ₄	<0.110 $\mu\text{g}/\text{cm}^2$	<0.250 $\mu\text{g}/\text{cm}^2$	<0.350 $\mu\text{g}/\text{cm}^2$
Potassium, K	<0.090 $\mu\text{g}/\text{cm}^2$	<0.300 $\mu\text{g}/\text{cm}^2$	<0.500 $\mu\text{g}/\text{cm}^2$
Magnesium, Mg	<0.030 $\mu\text{g}/\text{cm}^2$	<0.120 $\mu\text{g}/\text{cm}^2$	<0.200 $\mu\text{g}/\text{cm}^2$
Calcium, Ca	<0.300 $\mu\text{g}/\text{cm}^2$	<0.500 $\mu\text{g}/\text{cm}^2$	<0.800 $\mu\text{g}/\text{cm}^2$
Nitrate, NO ₂	<0.300 $\mu\text{g}/\text{cm}^2$	<0.500 $\mu\text{g}/\text{cm}^2$	<1.000 $\mu\text{g}/\text{cm}^2$



CZ0590 | CLASS 100 | 12"

Latex Cleanroom Glove

Weight (gm)	9.0 ± 0.5
Color	Natural
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.18 ± 0.02
Palm Thickness (mm)	0.14 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

PERFORMANCE RATING



CZ0265 CLASS 1000 | 9"

Latex Cleanroom Glove



Weight (gm)	6.5 ± 0.5
Color	Natural
Glove Surface	Finger Textured
Length (mm)	240
Finger Thickness (mm)	0.13 ± 0.02
Palm Thickness (mm)	0.11 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

PERFORMANCE RATING



CZ0575 CLASS 1000 | 12"

Latex Cleanroom Glove



Weight (gm)	7.5 ± 0.5
Color	Natural
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.13 ± 0.02
Palm Thickness (mm)	0.11 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

PERFORMANCE RATING



CZ05100 CLASS 100 | 12"

Latex Cleanroom Glove



Weight (gm)	10.0 ± 0.5
Color	Natural
Glove Surface	Finger Textured
Length (mm)	300
Finger Thickness (mm)	0.22 ± 0.02
Palm Thickness (mm)	0.19 ± 0.02
Packing Mode	100 Pcs/Double Vacuum Pack, 10 Packs/Ctn

PERFORMANCE RATING



CZ08150 CLASS 100 | 16"

Latex Cleanroom Glove



Weight (gm)	15.0 ± 0.5
Color	Natural
Glove Surface	Textured
Length (mm)	415
Finger Thickness (mm)	0.22 ± 0.02
Palm Thickness (mm)	0.19 ± 0.02
Packing Mode	50 Pcs/Double Vacuum Pack, 10 Packs/Ctn

PERFORMANCE RATING



What is the difference between Type I and Type IV allergies?

Type I is an immediate and potentially life threatening reaction, and often severe allergic reactions triggered by the immune system's production of antibody. The systems can include itching, sneezing, watery eyes, asthma and etc. This form of allergy might caused by a reaction to the protein in natural latex and can be acquired over a period of time due to prolonged contact with rubber products.

Type IV known as delayed type hypersensitivity. Allergic contact dermatitis is the main Type IV reaction exhibited as a result of continued exposure to gloves. This involves a delayed skin rash with blistering and oozing of the skin, and is usually attributed to the accelerators (certain chemicals added to the mixture) used in the gloves manufacturing process. User with Type IV allergic may opt for accelerator free gloves.

STERILE

CLEANROOM GLOVES





Z25107 | 12"
ISO 4/Class10, ISO 6/Class 1000
 Sterile Latex Cleanroom Glove

Weight (g / pcs)	11 ± 0.5
Color	Natural
Glove Surface	Textured
Length (mm)	300
Finger Thickness (mm)	0.22 ± 0.02
Palm Thickness (mm)	0.19 ± 0.02
Packing Mode	1 Pair/Pouch, 20 Pouches/Bag, 5 Bags/Ctn

PERFORMANCE RATING

STERILE R

Z27150 | ISO 4 / Class 10 | 16"
 Sterile Latex Cleanroom Glove



Weight (g / pcs)	15 ± 0.5
Color	Natural
Glove Surface	Textured
Length (mm)	415
Finger Thickness (mm)	0.22 ± 0.02
Palm Thickness (mm)	0.19 ± 0.02
Packing Mode	1 Pair/Pouch, 20 Pouches/Bag, 5 Bags/Ctn

PERFORMANCE RATING

STERILE R

Z18480 | ISO 4 / Class 10 | 19"
 Sterile Latex Cleanroom Glove



Weight (g / pcs)	22 ± 0.5
Color	Natural
Glove Surface	Textured
Length (mm)	480
Finger Thickness (mm)	0.22 ± 0.02
Palm Thickness (mm)	0.19 ± 0.02
Packing Mode	1 Pair/Pouch, 20 Pouches/Bag, 5 Bags/Ctn

PERFORMANCE RATING

STERILE R

Z23580 ISO 4 / Class 10 | 24"

Sterile Latex Cleanroom Glove



Weight (g / pcs)	23.5 ± 0.5
Color	Natural
Glove Surface	Textured
Length (mm)	600
Finger Thickness (mm)	0.22 ± 0.02
Palm Thickness (mm)	0.19 ± 0.02
Packing Mode	1 Pair/Pouch, 20 Pouches/Bag, 5 Bags/Ctn

PERFORMANCE RATING



STERILE R

X25102 ISO 4 / Class 10, ISO 6 / Class 1000 | 12"

Sterile Nitrile Cleanroom Glove



Weight (g / pcs)	8.5 ± 0.5
Color	Milky White
Glove Surface	Textured
Length (mm)	300
Finger Thickness (mm)	0.18 ± 0.02
Palm Thickness (mm)	0.14 ± 0.02
Packing Mode	1 Pair/Pouch, 20 Pouches/Bag, 5 Bags/Ctn

PERFORMANCE RATING



STERILE R

When Should Sterile Cleanroom Glove Be Worn?



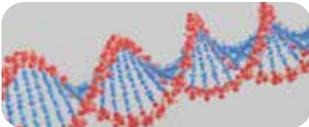
Pharmaceutical Manufacturing:

Sterile gloves are a critical component in the production of pharmaceuticals to ensure product quality and safety. They are used during processes like aseptic filling and compounding.



Handling Sensitive Equipment:

When working with sensitive equipment, components, or materials that can be easily contaminated by particles or microorganisms, sterile gloves are necessary to prevent contamination.



Biotechnology:

Sterile gloves are used in biotechnology laboratories for tasks like cell culture, protein purification, and genetic engineering to maintain the purity and integrity of biological samples.



Laboratory Research:

Scientists and researchers in fields such as microbiology, molecular biology, and biochemistry wear sterile gloves when working with cell cultures, DNA samples, or other sensitive materials to prevent cross-contamination and maintain the integrity of experiments.

Enquiry Form

To understand your requirements and enhance our service to you, we kindly request that you complete the following questionnaire. Our team will respond promptly upon receiving your enquiry. Please complete the form, take a photo of it, and forward your inquiry to email: export@bergamot.com.my or Whatsapp to +60126059835.

1. Identity

- End User Distributor Manufacturer

2. Nature of Business

- Front-end Semiconductor Back-end Semiconductor Pharmaceutical
 Microelectronic Food Processing Optical
 Biotechnology Other : _____

3. What product will the glove be touching :

4. Material

- Latex Nitrile

5. Color

- White Blue Green

6. Type

- Sterile Non Sterile

7. Glove Length

- 240mm 300mm 415mm
 480mm 600mm Other : _____

8. Glove Thickness, please specify (if any) : _____

9. Glove Weight, please specify (if any) : _____

10. Cleanliness

- Class 1000 Class 100 Class 10
 Double Chlorination Powder Free

11. Do you have requirement for ESD anti-static?

- No Yes

12. Do you have specific requirement on chlorine, sulfur & ionic content? please specify : _____

10 Reasons Why Choose BERGAMOT



Global brand recognition
in 50 countries



We offer **wide range** of
protective disposable product
from personal disposable to
industries demand



Product quality assurance
with **international**
certificates and test report



Up-to-date Regulation
Compliance



Global marketing support
on **promotional material**
and marketing kit



Business consultation
from field expert and
experienced profession



Responsive & Personalized
Customer Service



Strategic & adaptive
partnership



Top priority in client's
satisfaction and sustainable
business relationship



Recession proof product.
Evergreen industry of healthcare
& expanding fueled by global
trends in healthcare spending and
hygiene awareness

Reach us for customized glove solution Tailored to your quality needs.

We're the go-to experts, here to help you.

No 7 & 8, Jalan Sinaran 6,
Kawasan Perindustrian Sinaran, 43000 Kajang, Selangor, Malaysia

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