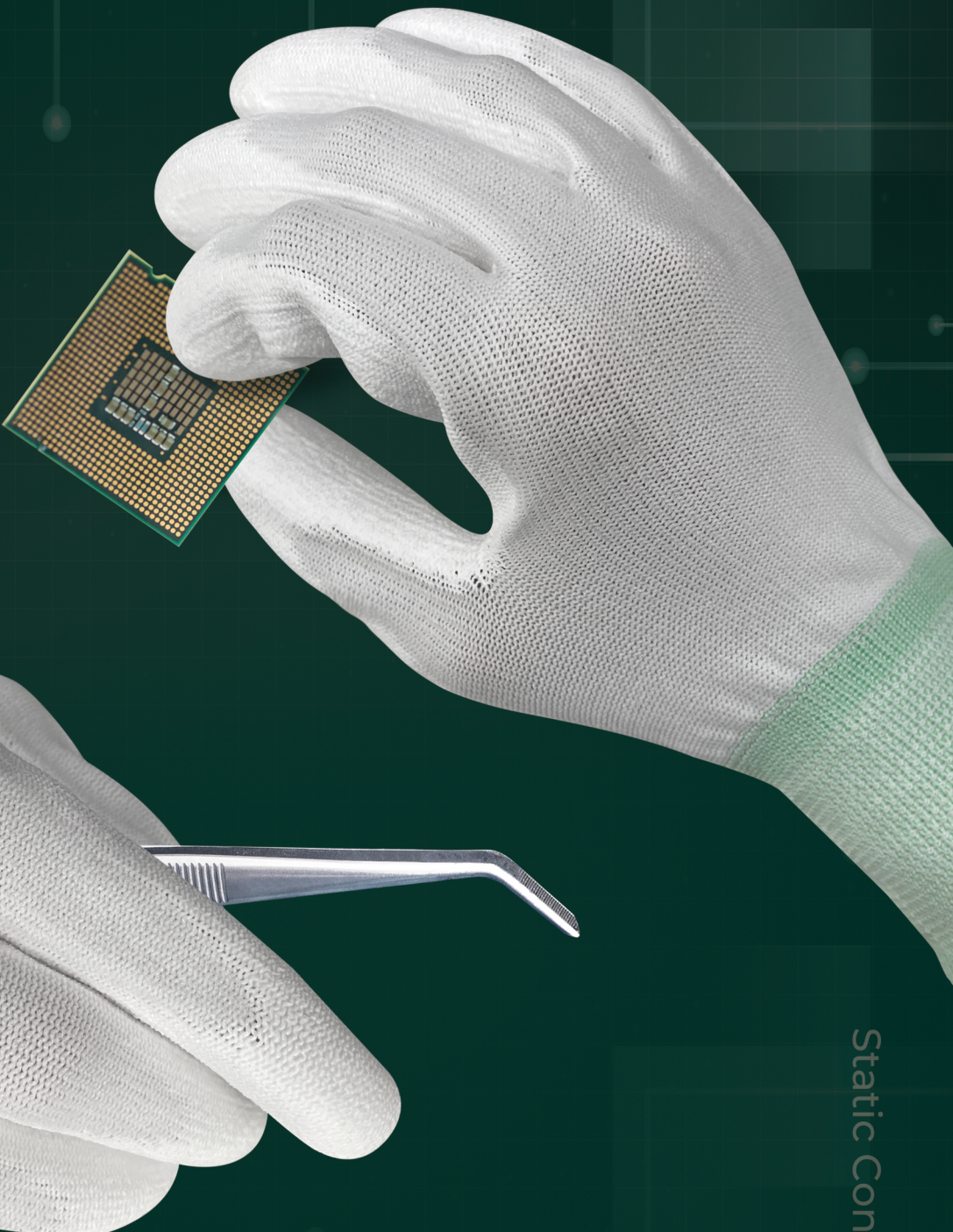


Static Control Gloves
M09C-010



Cleanroom & ESD Gloves



High Tech Assembly Gloves

Our High Tech Assembly Gloves are Polyamide Fiber Gloves, which are popular for their durability, and comfortability.

Features

- Polyurethane coating provides super grip and abrasion resistance.
- Polyurethane coating alleviates fingers fatigue associated with finger cots and allows handling small parts without fingerprint contamination.
- Protects handling products from sweat and dust.
- Optimum comfortability and dexterity
- Low lint • Knit wrist, Seamless
- Oil resistant (NBR)

Applications

- General assembly
- Electronics, Component handling
- Light engineering work
- Maintenance or micro-mechanical tasks
- Pharmaceutical processing
- Inspecting precise parts, articles, etc.
- Delicate and precise operations, such as assembly jobs in electronic, semiconductor, micro-processor and compact disk lines.



M01G-001 (SHG-100)



M02G-001 (SFG-110)



M03G-001 (TFG-121)



M03G-004 (TGG-122)



M04G-001 (PFG-131)



M04G-005 (PGG-132)

Item Code	Product	Liners		Coating			EN388
		Material	Color	Material	Color	Area	
M01G-001	Half Elastic Fit Gloves	Nylon	White				
M02G-001	Elastic Fit Gloves	Nylon	White				
M03G-001	Top PU Gloves	Nylon	White	PU	White	Finger tips	
M03G-004	Top PU Gloves	Nylon	Grey	PU	Grey	Finger tips	
M04G-001	Palm PU Gloves	Nylon	White	PU	White	Palm	
M04G-005	Palm PU Gloves	Nylon	Grey	PU	Grey	Palm	
M53G-001	Palm NBR Foam Gloves	Nylon, Spandex	Black	NBR Foam	Black	Palm	4121



M53G-001 (PBG-139)

Cut Resistant Gloves

Features

Lightweight HPPE blended Nylon and Spandex

- Seamless Stretchable Liner with Good Dexterity
- Comfortable Fit with High Strength
- Cutting Hazard Protection

Soft PU Palm Finished

Oily Away Palm NBR Finished (C15G-002)

- Provide Secure Grip in Dry and Wet Environments
- Great Abrasion Resistant

Applications

- Working with Sharp Metal, Glass, Ceramic, etc.
- Automobile Industries / Mechanical Assembly
- Construction / Wiring Operation / Manufacturing



C14G-013-WH



C14G-014-WH



C14G-009-MI



C15G-002-MI

Item Code	C14G-013-WH	C14G-014-WH	C14G-009-MI	C15G-002-MI
Descriptions	White, White Palm PU	White, Grey Palm PU	Mélange, Grey Palm PU	Mélange, Black Palm NBR
Liners	Material	HPPE/Nylon/Spandex	HPPE/Nylon/Spandex	HPPE/Nylon/Spandex
	Color	White	White	Grey
Coating	Material	PU	PU	NBR Normal
	Color	White	Grey	Black
	Area	Palm	Palm	Palm
Knitting	13 gauge	13 gauge	13 gauge	13 gauge
Size	S / M / L / XL / XXL	S / M / L / XL / XXL	S / M / L / XL / XXL	S / M / L / XL / XXL
EN388	4X42B	3X42B	4X43B	4344B



Features

Glass Fiber blended HPPE and Polyester

- Seamless Stretchable Liner with Dexterity
- Comfortable Fit with High Strength
- Cutting Hazard Protection

Oily Away Palm NBR Foam Finised (C16G-002)

- Provide Secure Grip in Oil Applications
- Light with Unique Breathable and Soft Tactility

Applications

- Oily Working / Heavy Industrial Jobs
- Ideal for Handling Sharp Metal, Glass, Ceramic, etc.
- Automobile Industries / Mechanical Assembly
- Construction / Wiring Operation / Manufacturing



C14G-016-WH



C14G-006-MG



C16G-002-MG

Item Code	C14G-016-WH	C14G-006-MG	C16G-002-MG
Descriptions	White, Grey Palm PU, Glass Fiber	Mélange, Grey Palm PU, Glass Fiber	Mélange, Black Palm NBR Foam, Glass Fiber
Liners	Material	HPPE/Nylon/Glass Fiber/Spandex	HPPE/Nylon/Glass Fiber/Spandex
	Color	White	Grey
Coating	Material	PU	NBR Foam
	Color	Grey	Black
	Area	Palm	Palm
Knitting	13 gauge	13 gauge	13 gauge
Size	S / M / L / XL / XXL	S / M / L / XL / XXL	S / M / L / XL / XXL
EN388	4X42C	4X42D	4X44D

EN 388 PERFORMANCE MARKINGS

NEW STANDARD

		EN 388
Rating		4442CX
Abrasion	1-4	←
Cut (Coup Test)	1-5	←
Tear	1-4	←
Puncture	1-4	←
Cut (TDM-100 Test)	A-F	←
Impact Protection	P, F, X	←
P: Passed F: Failed X: Not Tested		

The EN 388 performance score appears in markings as such. Each number is representative of a specific performance characteristic. The 2016 revision included two more positions. The fifth position indicates the TDM test score and the sixth position indicates the impact resistance test score.

CONVERTING NEWTONS TO GRAMS

EN388 RATING	RANGE (NEWTONS)	CONVERTED RANGE (GRAMS)	ANSI/ISEA 105 LEVEL	RANGE (GRAMS)
	2 - 4.9	204 - 508		200 - 499
	5 - 9.9	509 - 1,019		500 - 999
	10 - 14.9	1,020 - 1,529		1,000 - 1,499
	15 - 21.9	1,530 - 2,242		1,500 - 2,199
	22 - 29.9	2,243 - 3,058		2,200 - 2,999
	30+	3,059+		3,000 - 3,999
---	---	---		4,000 - 4,999
---	---	---		5,000 - 5,999
---	---	---		6,000+

Static Control Gloves

Features

- Made of static control carbon yarn mixed nylon (ESD) and copper yarn mixed nylon (Conductive)
- Excellent when handling small parts with great tactile sensitivity
- Suitable for the places where cleanliness and ESD control are required
- Provides protection to operator's hands and products being handled
- Good elasticity, air permeability and minimizing sweat build up
- Good grip
- Stable ESD properties

Applications

- Good for handling electronic instruments, circuit boards and components.
- Prevent products from miscellaneous disturbances or accidents caused by static electricity.
- Antistatic treated surface semiconductors, micro-processors and compact disks.
- Assembling LSI, VLSI, Semiconductors as well as computers and precise instruments



M07G-003 (WKG-220)



M08G-002 (WKT-223)



M08G-004 (TDK-299)



M08G-008 (UKT-821)



M08G-009 (UKT-921)



M09G-002 (WKP-234)



M09G-008 (UKL-832)



M09G-010 (NPA-220)



M10G-001 (SCG-310)



M11G-001 (TCG-321)



M13G-001 (PCG-331)



M67G-001 (TDC-391)

Item Code	Product	Liners		Coating			Dots			Surface Resistance (ohm)
		Material	Color	Material	Color	Area	Material	Area	Color	
M07G-003	ESD Elastic Fit Gloves	Carbon yarn, Nylon	Grey							10e7 ~ 10e9
M08G-002	ESD Top PU Gloves	Carbon yarn, Nylon	Grey	PU	White	Finger tips				10e7 ~ 10e9
M08G-004	ESD Top PU Gloves	Copper yarn, Nylon	Grey	PU	Grey	Finger tips	PVC	Whole	Grey	10e7 ~ 10e9
M08G-008	ESD Top PU Gloves	Carbon yarn, Nylon	White, Grey	PU	White	Finger tips				10e7 ~ 10e9
M08G-009	ESD Top PU Gloves	Carbon yarn, Nylon	White, Grey	PU	White	Finger tips				10e7 ~ 10e9
M09G-002	ESD Palm PU Gloves	Carbon yarn, Nylon	Grey	PU	White	Palm				10e7 ~ 10e9
M09G-008	ESD Palm PU Gloves	Nylon, Spandex	Grey	PU	Grey	Palm				10e7 ~ 10e9
M09G-010	ESD Palm PU Gloves	AS coating, Nylon	White	PU	White	Palm				10e6 ~ 10e8
M10G-001	Conductive Elastic Fit Gloves	Copper yarn, Nylon	Copper							10e3 ~ 10e4
M11G-001	Conductive Top PU Gloves	Copper yarn, Nylon	Copper	PU	White	Finger tips				10e3 ~ 10e4
M13G-001	Conductive Palm PU Gloves	Copper yarn, Nylon	Copper	PU	White	Palm				10e3 ~ 10e4
M67G-001	Conductive Dot Gloves	Copper yarn, Nylon	Copper	PU	White	Finger tips	PVC	Palm	White	10e3 ~ 10e4

Antistatic Polyester & Microfiber Gloves



M22G-001 (WTG-410)



M22G-004 (WTG-420)



M22G-013 (WTG-431)



M22G-012 (WTG-440)



M35G-001 (WTG-460)



M36G-003

Item Code	Model	Product	Material	Surface Resistance (ohm)
M22G-001	WTG-410	Antistatic Polyester Gloves	Tricot knitted polyester with ECF	10e7 ~ 10e9 ohm
M22G-004	WTG-420	Antistatic PVC Dot Gloves	Tricot knitted polyester with ECF, PVC Dot on Palm	10e7 ~ 10e9 ohm
M22G-013	WTG-431	Antistatic PU ECF Gloves	Tricot knitted polyester with ECF, PU coated on Palm	10e7 ~ 10e9 ohm
M22G-012	WTG-440	Antistatic PU Thick Gloves	Tricot knitted polyester, with ECF PU laminated on TC fabric on Palm	10e7 ~ 10e9 ohm
M35G-001	WTG-460	Antistatic Microfiber Gloves	Tricot knitted polyester with ECF, microfiber fabric	10e7 ~ 10e9 ohm
M36G-003	-	Microfiber Gloves	Microfiber fabric	

Heat Resistant Gloves

Features

- Ultra High Molecular Material is Used
- Strong and low lint
- Light weight polyethylene for delicate and precise operation
- Designed to protect hands from various damage by sharp materials
- Excellent resistance to abrasion and cuts
- Cut resistant (HPPE)
- Heat resistant (Kevlar)

Applications

- Glass handling
- Recycling
- Sheet metal work
- Cutting
- Bottling and Canning
- Heating and air conditioning

Dupont™ Kevlar®

Kevlar Gloves



C02G-001 / C02G-008 / C02G-009



C09G-001 / C09G-002



C10G-001 / C10G-002



C10G-003



C11G-001



C21G-001

Item Code	Product	Liners		Gauge	Length	Dot			Coating		
		Material	Color			Material	Color	Area	Material	Color	Area
C02G-001	Kevlar Gloves	Kevlar yarn, Spandex	Yellow	7 gauge	23 cm (M)						
C02G-008				10 gauge	24 cm (L)						
C02G-009				13 gauge	25 cm (XL)						
C09G-001	Kevlar Cotton Gloves	[OUT] Kevlar yarn, Spandex [IN] Cotton, Polyester	Yellow	7 gauge	25 cm						
C09G-002					28 cm						
C10G-001	Kevlar Dot Gloves	Kevlar yarn, Spandex	Yellow	7 gauge	23 cm (M)	PVC	Black	Palm			
C10G-002				10 gauge	24 cm (L)						
C10G-003				13 gauge	25 cm (XL)						
C11G-001	Kevlar Palm NBR Gloves	Kevlar yarn, Spandex	Yellow	13 gauge	22 cm (S) 23 cm (M) 24 cm (L) 25 cm (XL)				NBR Foam	Black	Palm
C21G-001	Kevlar Oven Gloves	[OUT] Kevlar yarn, Nomax [IN] Cotton, Polyester	Yellow	7 gauge (In) 5 gauge (out)	24.5 cm (M) 27 cm (L)	PVC	Blue	Both			

ESD Heat Resistant Gloves



M24G-006 (EHR-150N)



M24G-008 (EHR-150/45N)



M24G-007 (EHR-300N)



M24G-009 (EHR-300/45N)

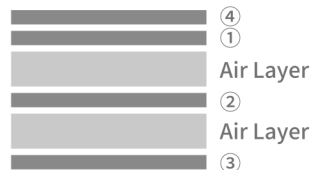
Item Code	M24G-006	M24G-008	M24G-007	M24G-009
Model	EHR-150N	EHR-150/45N	EHR-300N	EHR-300/45N
Surface Resistance (ohm)	< 10e11	< 10e11	< 10e11	< 10e11
Heat Resistance	Up to 150°C	Up to 150°C	Up to 300°C	Up to 300°C
Length	280 mm	450 mm	280 mm	450 mm

Materials and Layer Constructions

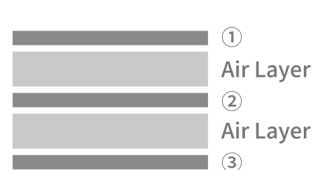
Palm + Back



Palm



Back



- ① Polyurethane film laminated nylon tricot fabric with Beltron conductive fiber in 5 mm stripe
- ② Heat insulating felt (polyester)
- ③ Nylon Tricot inner
- ④ Conductive yarn integrated with DuPont Nomex fabric

※ Silicone free type is available on request.

Seamless Gloves

Seamless Gloves is breathable Gloves. It consists of polyester knitted fabric and laminated with breathable polyurethane film, which combines friendly feel of fabric with the protection of elastomer. Its moisture permeability helps protect operators from skin rash by harsh chemicals.



Features

- Seamless high frequency welding instead of sewing
- Antistatic properties
- Can operate smart phone touch screen your gloves on
- Laundered with 18Mohm deionized water twice and packed in Cleanroom
- Excellent comfortability

- No inner gloves wear needed
- Water proof and vapor permeability
- No skin irritation and eczema
- Improve work efficiency
- Reusable

Materials

- Polyurethane Coated Knitted Polyester
(Inner layer – Knitted Polyester / Outer layer – Polyurethane)

Applications

- Pharmaceutical, Medical and Hospital Industries
- Semiconductor and Electronic Industries

Properties	Unit	Result	Test Method
Thickness	mm	0.23±0.05	JIS L 1018
Weight	Small (S)	(g/piece)	72±2
	Medium (M)	(g/piece)	82±2
	Large (L)	(g/piece)	92±2
Elongation	%	83.8	
Tensile Strength	(kPa)	553	
Moisture Permeability	(g/m ² /24hr)	2,012	JIS L 1099
Water Resistance	(Mm/H2O)	8,000 ↑	JIS L 1092

Descriptions	Glove Length	Cuff Width
Size (mm)	Small (S)	258
	Medium (M)	265
	Large (L)	300
Packing	10 pairs/bag, 50 bag/carton	

Ion	Unit	Result	Test Method
DOP	(mg/kg)	N/D	KS M 0027(GC/MS)
DOP	(mg/l)	N/D	KS M 0027(GC/MS)
NA	(mg/l)	0.7	ICP
Mg	(mg/l)	N/D	ICP
K		N/D	ICP
Ca		N/D	ICP
NH4		N/D	UV/Vis
NO2		N/D	ICP
NO3		N/D	ICP
SO4		N/D	ICP
Cl		0.8	ICP

Latex Gloves



M28G-025-YE

Item Code	M28G-013-YE-size		M28G-017-YE-size	M28G-021-YE-size
Material	Natural High Grade Rubber Latex			
Color	Natural			
Length (All sizes)	12" (300 mm) $\pm$ 10 mm			
Palm Width (XS/S/M/L)	76/84/94/105 $\pm$ 3 mm			
Thickness (single wall)	Finger	0.15 $\pm$ 0.02 mm	0.16 $\pm$ 0.02 mm	0.17 $\pm$ 0.02 mm
	Palm	0.13 $\pm$ 0.02 mm	0.14 $\pm$ 0.02 mm	0.15 $\pm$ 0.02 mm
Weight (g/pc) (M)	7.2	8.0	9.5	
Features	Cleanroom Compatible, Powder free, Full textured, Beaded cuff, Non-sterile, Double Chlorinated			
Packing	100 pcs/ double bag, 10 bags/carton			
Shelf Life	5 years			

Item Code	M28G-025-YE-size	M28G-032-YE-size	M28G-037-YE-size
Material	Natural High Grade Rubber Latex		
Color	Natural		
Length (All sizes)	9"(240 mm) ± 10 mm	12" (300 mm) ± 10 mm	11.5" (292 mm) ± 10 mm
Palm Width (XS/S/M/L)	76/84/94/105 ± 3 mm	73/83/93/103 ± 3 mm	- /85/96/109 ± 3 mm
Thickness (single wall)	Finger	0.13 ± 0.02 mm	0.18 ± 0.02 mm
	Palm	0.12 ± 0.02 mm	0.13 ± 0.02 mm
Weight (g/pc) (M)	6.4	9.9	9.2
Features	Powder free, Full textured, Beaded cuff, Non-sterile, Single Chlorinated	Cleanroom Compatible, Powder free, Full textured, Beaded cuff, Double Chlorinated	Cleanroom Compatible, Powder free, Silicone Free, Beaded cuff, Finger textured, Double Chlorinated
Packing	100 pcs/dispenser, 10 dispensers/carton	100 pcs/ double bag, 10 bags/carton	100 pcs/bag, 10 bags/carton
Shelf Life	5 years		

Halogen Free Nitrile Gloves New



Item Code	M27G-030-WH-size	M27G-058-WH-size	M27G-060-WH-size	M27G-061-WH-size
Class	1000	1000	1000	
Material	100% Pure Nitrile	100% Synthetic Nitrile Latex	100% Synthetic Nitrile Latex	
Color	Natural White	Natural White	Natural White	
Length (All sizes)	12" (300 mm) $\pm$ 10 mm	12" (300 mm) $\pm$ 10 mm	240 mm $\pm$ 10 mm	12" (300 mm) $\pm$ 10 mm
Palm Width (XS/S/M/L/XL)	78/85/95/105/115 $\pm$ 5 mm	-/85/98/108/- $\pm$ 3 mm	76/84/94/105/113 $\pm$ 3mm	
Thickness (single wall)	Finger	0.14 $\pm$ 0.02 mm	0.09 $\pm$ 0.02 mm	0.11 $\pm$ 0.02 mm
	Palm	0.07 $\pm$ 0.02 mm	0.07 $\pm$ 0.02 mm	0.07 $\pm$ 0.02 mm
	Cuff	0.06 $\pm$ 0.02 mm		
Weight (g/pc) (M)	4.5	7.6	3.5	4.5
Features	Halogen Free, Sulphur, Accelerator, Zinc free, Plasticizers, Phthalates, Esters, Silicone oil, Amide free, Beaded cuff, Powder free, Textured,	Halogen Free, Accelerator Free, Silicone, Amide, DOP free Sulphur free Powder free Textured, Beaded cuff	Halogen Free, Polymer Coated, Silicone Free, Non-Sterile Powder free, Finger Textured, Beaded cuff	
Packing	100 pcs/bag, 10 bags/carton Single pack, Vacuum Sealed	100 pcs/bag, 10 bags/carton	100 pcs/bag, 10 bags/carton	

Nitrile Gloves



Item Code	M27G-018-WH-size	M27G-022-WH-size	M27G-026-WH-size
Class	1000	1000	
Material	100% Pure Nitrile	100% Pure Nitrile	
Color	White	White	
Length (All sizes)	12" (300 mm) ± 10 mm	12" (300 mm) ± 10 mm	
Palm Width (XS/S/M/L)	78/85/95/105 ± 5 mm	75/85/95/105 ± 5 mm	
Thickness (single wall)	Finger		
	Palm	0.07 ± 0.02 mm	0.08 ± 0.02 mm
	Cuff		
Weight (g/pc) (M)	4.8	7.0	
Features	No Sulphur, Accelerator, Zinc, No Plasticizers, Phthalates, Esters, Silicone oil, Amide, Beaded cuff, Powder free, Finger textured	Non-tacky	Tacky
		No Sulphur, Accelerator, Zinc, No Plasticizers, Phthalates, Esters, Silicone oil, Amide, Beaded cuff, Powder free, Finger textured	
Packing	100 pcs/ double bag, 10 bags/carton	100 pcs/ double bag, 10 bags/carton	

Item Code	M27G-054-WH-size	M27G-036-WH-size	M27G-040-WH-size	M27G-033-WH-size
Class	1000	1000		100
Material	Nitrile (NBL)	100% Synthetic Nitrile Latex		100% Synthetic Nitrile Latex
Color	White	White		White
Length (All sizes)	12" (300 mm) ± 10 mm	12" (300 mm) ± 10 mm		12" (300 mm) ± 10 mm
Palm Width (XS/S/M/L)	- /85/95/105 ± 2.5 mm	76/84/94/105 ± 3 mm		77/84/94/105 ± 3 mm
Thickness (single wall)	Finger	0.1 ± 0.01 mm	0.13 ± 0.02 mm	0.13 ± 0.02 mm
	Palm	0.08 ± 0.01 mm	0.12 ± 0.02 mm	0.12 ± 0.02 mm
	Cuff	0.06 ± 0.01 mm		
Weight (g/pc) (M)	4.5	6.2		6.2
Features	Powder free, Finger textured, Beaded cuff	Non-tacky	Tacky	Non-tacky
		Silicone, Amide, Phthalates Free, Powder free, Finger textured, Beaded cuff		Silicone, Amide, Phthalates Free, Powder free, Finger textured, Beaded cuff
Packing	100 pcs/ double bag, 10 bags/carton	100 pcs/ double bag, 10 bags/carton		100 pcs/ double bag, 10 bags/carton

Nitrile Gloves



Item Code	M27G-044-BL-size	M27G-052-BL-size
Material	100% Synthetic Nitrile Latex	100% Synthetic Nitrile Latex
Color	Blue (BL)	Blue (BL)
Length (All sizes)	240 mm $\pm$ 10 mm	240 mm $\pm$ 10 mm
Palm Width (XS/S/M/L/XL)	76/84/94/105/113 $\pm$ 3 mm	76/84/94/105/113 $\pm$ 3 mm
Thickness (single wall)	Finger	0.10 $\pm$ 0.02 mm
	Palm	0.07 $\pm$ 0.02 mm
Weight (g/pc) (M)	3.5	5.0
Features	Powder Free Full textured, Beaded cuff, Single Chlorinated	Powder Free Finger textured, Beaded cuff, Single Chlorinated
Packing	100 pcs/dispenser, 10 dispensers/carton	100 pcs/dispenser, 10 dispensers/carton

Vinyl Gloves

Item Code		M25G-004-TP-size
Material		Polyvinyl Chloride
Color		Clear
Length (All sizes)		290 mm ± 5 mm (min)
Palm Width (XS/S/M/L/XL)		75/85/95/105/115 ± 5 mm
Thickness (single wall)	Finger	0.12 ± 0.03 mm
	Palm	0.10 ± 0.03 mm
	Cuff	0.08 ± 0.03 mm
Weight (g/pc) (S/M/L)		6.5/7.0/7.5 ± 0.3
Features		Powder-free, Ambidextrous, Beaded cuff, Smooth external finish, DOP, DEHP, PDMS free
Packing		100 pcs/bag, 10 bags/carton

