

# DISPOSABLE GLOVES



# MEDICAL GLOVES

## Purpose

- To protect the patient and the professional
- To prevent microbes from getting attached to hands and spreading infection via hands
- To protect the hands from
  - Occupational accidents
  - Cleansing agents
  - Chemicals
  - Stick injuries

## Use of gloves

- Medical gloves are always single-use
- They are used per procedure and per patient
- Depending on the situation either sterile or factory clean gloves are used
- Disposable gloves are neither washed nor disinfected

## Use the gloves correctly

- Medical gloves are donned onto clean, dry hands
- Hands are disinfected just prior to donning
- After disinfection hands must be allowed to dry before donning
- Hands may get contaminated when undonning the gloves, therefore hands must be disinfected also immediately after undonning
- In all cases involving contaminating materials attention must be paid to correct undonning
- The outer surface of the glove must not get into contact with skin
- When necessary double donning can be applied -> decreased risk of skin contamination while undonning (e.g. when handling cytostatics)



## Choice of glove

### Vinyl

- Hospital, Clinic, Homecare, Lab, Housing, IT Industries, Beauty Industries
- Persons suffering from latex allergy
- When glove is not subjected to hard mechanical stress
- Waterproof (lightly, both hot and cold)
- Short term general use
- Economic and widely used

### Synthetic Poly

- Homecare, Lab, Housing, Food Processing, Beauty Industries
- Persons suffering from latex allergy
- When glove is not subjected to hard mechanical stress
- Plasticizer Free, Benzene Free, Food Safe (Generally)
- Short term general use
- Economic and widely used

### Nitrile

- Hospital, Clinic, Homecare, Lab, Housing, Workshop, Food Processing, IT Industries, Beauty Industries
- When good protection against microbes is needed
- Persons suffering from latex allergy
- When sharp objects are handled (limited protection)
- Handling of cytostatics, chemicals (limited and occasional protection)
- Waterproof (lightly, both hot and cold)

### Natural Rubber Latex

- Hospital, Clinic, Homecare, Lab, Housing, Workshop, IT Industries, Beauty Industries
- When good protection against microbes is needed
- When the glove is subjected to strong mechanical stress (limited protection)
- Waterproof (lightly, cold water)
- Long term use

## Categories / Sectors



Medical Purpose / Examination



Healthcare / Nursing



Industrial Purpose / PPE



Laboratory / General Purpose



IT Industry / Clean Room



Cleaning / Housework



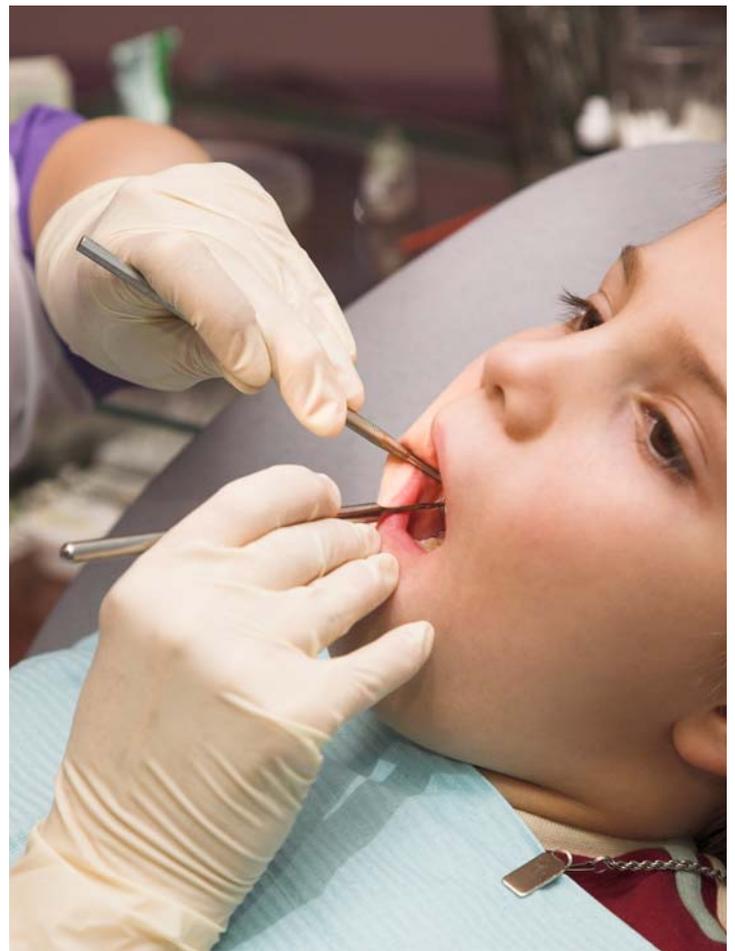
Food Processing / Handling



Recommended



Suitable



# Vinyl gloves

## Vinyl Examination Gloves

Powder-free and powdered INTCO™ Vinyl Glove offers The 100 % synthetic glove is somewhat lighter and softer than the standard vinyl and has practical protection for many applications. A good feel and performance. It is a good alternative for those suffering from Type I allergies.



## Features

- DOP,DEHP-free
- No latex proteins, good alternative for those suffering from Type I allergies
- Suitable for food handling, except for fatty food
- Available both powder-free and powdered
- Practical barrier for wide range of applications
- Very soft
- Good fit, feel and performance
- AQL 1.5, 2.5, 4.0 Available

## Quality standards

- Complies with EN 455 and EN 374
- Complies with ASTM D5250 (USA Related Product)



## Technical information

Type	Powder-free/powdered, unsterile
Material	Vinyl
Colour	Transparent
Model	Ambidextrous, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 240 mm (≥230mm for USA)
Impermeability as per EN 455-1	AQL 1.5, 2.5, 4.0 Available
Durability, in original package if stored as per din 7716, ISO 2230	Min. 5 years

## Powder-free

REF	Size	Dispenser	Transport carton
VG-141	XS	100	1000
VG-141	S	100	1000
VG-141	M	100	1000
VG-141	L	100	1000
VG-141	XL	100	1000

## Powdered

REF	Size	Dispenser	Transport carton
VG-145	XS	100	1000
VG-145	S	100	1000
VG-145	M	100	1000
VG-145	L	100	1000
VG-145	XL	100	1000

# Vinyl gloves

## Vinyl Examination Gloves - Premium

Extra strong powder-free Vinyl Premium glove offers practical protection for many applications. The glove is 100 % synthetic and has good tactile sense. A very good alternative for those suffering from Type I allergies.



## Features

- DOP,DEHP-free
- Free from latex proteins, good alternative for those suffering from Type I allergies
- Suitable for food handling, except for fatty food
- Practical barrier for wide range of applications
- Very soft and pliable
- Good fit, feel and performance
- AQL 1.5

## Quality standards

- Complies with EN 455 and EN 374
- Complies with ASTM D5250 (USA Related Product)
- FDA 510(K) Available

## Technical information

Type	Powder-free, unsterile
Material	Vinyl
Colour	Transparent
Model	Ambidextrous, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 240 mm (≥230mm for USA)
Impermeability as per EN 455-1	AQL 1.5
Durability, in original package if stored as per din 7716, ISO 2230	Min. 5 years

## Powder-free

REF	Size	Dispenser	Transport carton
VG-101	XS	100	1000
VG-101	S	100	1000
VG-101	M	100	1000
VG-101	L	100	1000
VG-101	XL	100	1000

# Nitrile gloves

## Nitrile Examination Gloves

Comfortable, super soft flexible powder free nitrile gloves provide added safety in many applications. Designed with a special nitrile formulation they feel and fit like latex and allow full range of motion and excellent flexibility to minimize stress and fatigue. They do not contain natural rubber latex and are an excellent alternative for those suffering from Type I allergies.



## Features

- 100% latex free – made from durable, puncture resistant, protein and powder-free nitrile, eliminates the Type I allergic reaction associated with natural rubber latex
- Highly elastic and super soft
- Rolled rim to facilitate easy donning
- Designed to give a natural rubber-like feel
- Textured in finger tips for enhanced grip in all situations
- Food safe, suitable for handling fatty foods incl. cooking, olive and cod liver oil (Special Product)
- Protects against a wide variety of chemicals
- AQL 1.5, 2.5, 4.0 Available



## Quality standards

- Complies with EN 455 and EN 374
- Complies with ASTM D6319 (USA Related Product)

## Technical information

Type	Powder-free, unsterile
Material	Nitrile butadiene rubber (NBR)
Colour	Blue, White, Purple, Pink, Black, Red
Model	Ambidextrous, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 240 mm (≥230mm for USA)
Impermeability as per EN 455-1	AQL 1.5, 2.5, 4.0 Available
Durability, in original package if stored as per din 7716, ISO 2230	Min. 5 years

## Powder-free

REF	Size	Dispenser	Transport carton
NG-141	XS	100	1000
NG-141	S	100	1000
NG-141	M	100	1000
NG-141	L	100	1000
NG-141	XL	100	1000

# Nitrile gloves

## Nitrile Examination Gloves - Premium

On the market already for a long time nitrile gloves now have a new formula for increased softness and comfort and are even closer to latex gloves in stretch, tactile sensitivity and performance. They are recommended for use in areas that may involve levels of stress.



## Features

- 100% latex free – made from durable nitrile, eliminates the Type I allergic reaction associated with natural rubber
- Close to latex in stretch, tactile sensitivity and performance
- Designed to give a natural rubber-like feel
- Textured in finger tips for excellent grip in all situations
- Food safe, suitable for handling fatty foods incl. cooking, olive and cod liver oil. (Some Product)
- AQL 1.5

## Quality standards

- Complies with EN 455 and EN 374
- Complies with ASTM D6319 (USA Related Product)
- Complies with ASTM F1671
- FDA 510(K) Available
- Approved to use with Chemotherapy Drugs

## Technical information

Type	Powder-free, unsterile
Material	Nitrile butadiene rubber (NBR)
Colour	Blue, White, Purple, Pink, Black, Red
Model	Ambidextrous, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 240 mm (≥230mm for USA)
Impermeability as per EN 455-1	AQL 1.5
Durability, in original package if stored as per din 7716, ISO 2230	Min. 5 years

## Powder-free

REF	Size	Dispenser	Transport carton
NG-101	XS	100	1000
NG-101	S	100	1000
NG-101	M	100	1000
NG-101	L	100	1000
NG-101	XL	100	1000

# Synmax 4G™ gloves

## Synmax 4G™ Examination Gloves

Revolutionary new formula of vinyl-based hybrid material uses latex-like properties with elastic and strong “bones” of gloves. They offer enhanced tactile sensitivity and a practical barrier of protection for a wide range of applications. They are also a good alternative for those suffering from Type I allergies.



### Features

- Brand new product
- DOP,DEHP-free
- No latex proteins, low allergy potential
- Comfortable conforming latex-like fit
- Effective barrier and extra strength
- Enhanced tactile sensitivity
- Popular Color in Blue, Purple, Pink and White
- Economical protection
- AQL 1.5



### Quality standards

- Complies with EN 455 and EN 374
- Complies with ASTM D5250 (USA Related Product)

### Technical information

Type	Powder-free, unsterile
Material	Compound of Vinyl-based Hybrid
Colour	Blue, White, Purple, Pink
Model	Ambidextrous, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 240 mm (≥230mm for USA)
Impermeability as per EN 455-1	AQL 1.5
Durability, in original package if stored as per din 7716, ISO 2230	Min. 5 years

### Powder-free

REF	Size	Dispenser	Transport carton
VG-401	XS	100	1000
VG-401	S	100	1000
VG-401	M	100	1000
VG-401	L	100	1000
VG-401	XL	100	1000

# Synthetic gloves

## Synthetic Examination Gloves - Premium

Stretchy, natural white, latex free gloves have a more comfortable fit than standard vinyl gloves. They offer enhanced tactile sensitivity and a practical barrier of protection for a wide range of applications. They are also a good alternative for those suffering from Type I allergies.



## Features

- DOP,DEHP-free
- No latex proteins, low allergy potential
- Suitable for food handling except for fatty food
- Comfortable conforming latex-like fit
- Effective barrier and extra strength
- Enhanced tactile sensitivity
- Same Color as latex
- Economical protection
- AQL 1.5

## Quality standards

- Complies with EN 455 and EN 374
- Complies with ASTM D5250 (USA Related Product)
- FDA 510(K) Available

## Technical information

Type	Powder-free, unsterile
Material	Vinyl
Colour	Cream Yellow, Natural White
Model	Ambidextrous, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 240 mm (≥230mm for USA)
Impermeability as per EN 455-1	AQL 1.5
Durability, in original package if stored as per din 7716, ISO 2230	Min. 5 years



## Powder-free

REF	Size	Dispenser	Transport carton
VG-301	XS	100	1000
VG-301	S	100	1000
VG-301	M	100	1000
VG-301	L	100	1000
VG-301	XL	100	1000

# Latex gloves

## Latex Examination Gloves - Premium

Latex examination gloves offer ultimate comfort and protection, a perfect combination of strength, elasticity and slip resistance. Because of their thickness and elasticity they perform well in high-risk, heavy-duty situations. They fit comfortably like a second skin. The only downside to natural rubber latex examination gloves is that being a protein based compound they may cause allergic reactions and irritation for some people – including anaphylactic reaction.



## Features

- Beaded cuff for easy donning and prevention of roll back
- Excellent and tactile sense
- Textured for improved grip
- Low level of extractable proteins and chemical residue
- Food safe, suitable for handling all foodstuffs
- AQL 1.5



## Quality standards

- Complies with EN 455, EN 374 and ISO 11193

## Technical information

Type	Powdered, Powder-free, unsterile
Material	Latex
Colour	Nature White
Model	Ambidextrous, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 240 mm
Impermeability as per EN 455-1	AQL 1.5
Durability, in original package if stored as per din 7716, ISO 2230	Min. 2 years

## Powder-free

REF	Size	Dispenser	Transport carton
LG-101	XS	100	1000
LG-101	S	100	1000
LG-101	M	100	1000
LG-101	L	100	1000
LG-101	XL	100	1000

## Powdered

REF	Size	Dispenser	Transport carton
LG-105	XS	100	1000
LG-105	S	100	1000
LG-105	M	100	1000
LG-105	L	100	1000
LG-105	XL	100	1000

# Latex Gloves

## Latex Surgical Gloves

Medical Surgical gloves provide comfort and tactile sensitivity while providing barrier protection to surgeons and nurses during operating procedures. Medical surgical gloves are made from a variety of materials which include latex, and it's sterilized with Gamma sterilization or ETO gas. The Surgical glove is used to protect the users to attach the chemical, blood, body fluid when operation of the hospital examination and surgical operation.



## Features

- Natural high quality latex
- Low Protein Content
- High strength and elasticity
- Lightly Powdered or Coating for easy donning
- Left/Right Hand Fitted for highest comfort
- Beaded cuff and smooth external finish with palm texture
- Sterile
- AQL 1.5

## Quality standards

- Complies with ASTM D 3577(USA Related product)
- Complies with EN455 and ISO 10282
- CE certificate



## Technical information

Type	Powdered or powder-free, sterile
Material	Nature latex
Colour	Nature
Model	Left Right hand, with rolled rim
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per ISO 10282	6,6.5≥260mm, 7-8≥270mm 8.5-9.5≥280mm
Impermeability as per ISO 10282	AQL 1.5
Durability, in original package if stored as per din 7716, ISO 2230	Min. 3 years

## Powder-free

REF	Size	Dispenser	Transport carton
SG-105	6	50pairs	500pairs
SG-105	6.5	50pairs	500pairs
SG-105	7	50pairs	500pairs
SG-105	7.5	50pairs	500pairs
SG-105	8	50pairs	500pairs
SG-105	8.5	50pairs	500pairs
SG-105	9	50pairs	500pairs
SG-105	9.5	50pairs	500pairs

# Synthetic Silky™ gloves

## Synthetic Silky™ Glove

The Synthetic Silky™ Glove is made from a revolutionary raw material of plastic films without using plasticizer, which makes the content totally plasticizer free, latex free and phthalate free, which is best for food processing and silver care. The new material assures the toughness of the gloves as well as the softness and superb lightness. Also it is easy for wearing because of its smooth and soft interior surface that assure the anti-skid for its tiny textured outside.



## Features

- Extra light weight and small volume for storage
- Excellent and tactile sense, Ultra soft & strong
- Tiny textured for improved grip
- Powder-free
- Plasticizer free, Phthalate free, Protein free
- Eco-friendly
- Food safe, suitable for handling all foodstuffs in economic solution\*
- AQL 2.5 4.0

## Quality standards

- Complies with LFGB food safety standard
  - Complies with part standards of ASTM D5250, EN 455 and EN 1186
- (\*As a revolution of the gloves, there is no particular regulation for this type of gloves presently however the glove meets most of the standards with the test methods of ASTM D5250, EN 455 and EN 1186. The product is being certified in multiple notify bodies.)

## Technical information

Type	Powder-free, unsterile
Material	Eco-friendly Synthetic-Poly (Confidential)
Colour	Transparent, Blue, Pink, Green, Yellow, Purple, Navy blue, Black
Model	Ambidextrous, Film cut edge
Storage	Protect from heat, humidity, strong light and ozone
Size/overall length as per EN 455-2	XS, S, M, L and XL 270 mm
Impermeability as per EN 455-1	AQL 4.0
Durability, in original package if stored as per din 7716, ISO 2230	Min. 5 years



## Powder-free

REF	Size	Dispenser	Transport carton
PG-341	XS	100	4000
PG-341	S	100	4000
PG-341	M	100	4000
PG-341	L	100	4000
PG-341	XL	100	4000

# Color coding in sizes

Glove boxes color coded for easy size identification



## Loading Methods

Loading	Dispenser	Transport carton	PCs/CTN
Method 1	100 PCs	10 Boxes	1,000 PCs
Method 2	150 PCs	10 Boxes	1,500 PCs
Method 3	200 PCs	10 Boxes	2,000 PCs

- Method for loading Nitrile, Vinyl and Latex series.
- Loading more than 2,000 pieces per carton is much heavy for carrying and delivery.



# Technical Data

Sizes	XS	S	M	L	XL
Length (mm)	235±5mm	235±5mm	235±5mm	235±5mm	235±5mm
Palm Width	75±5mm	85±5mm	95±5mm	110±5mm	120±5mm
Thumb L.	52±2mm	54±2mm	57±2mm	59±2mm	65±2mm
Forefinger L.	66±2mm	68±2mm	72±2mm	74±2mm	80±2mm
Middle finger L.	77±2mm	79±2mm	82±2mm	85±2mm	92±2mm
Ring finger L.	68±2mm	71±2mm	75±2mm	77±2mm	82±2mm
Little finger L.	52±2mm	54±2mm	56±2mm	60±2mm	64±2mm
Physical Specification		Vinyl Premium	Synthetic Premium	Nitrile Premium	Latex Premium
	Palm Thickness	Min. 0.08mm	Min. 0.08mm	Min. 0.05mm	Min. 0.08mm
	Finger Thickness	Min. 0.05mm	Min. 0.05mm	Min. 0.05mm	Min. 0.08mm
	Wrist Thickness	Min. 0.06mm	Min. 0.06mm	Min. 0.05mm	Min. 0.08mm
	Tensile Strength Before Aging	Min. 11MPa Avg. 12MPa	Min. 11MPa Avg. 16MPa	Min. 14MPa Avg. 18MPa	Min. 18MPa Avg. 20MPa
	Tensile Strength After Aging	Min. 11MPa Avg. 11MPa	Min. 11MPa Avg. 15MPa	Min. 14MPa Avg. 16MPa	Min. 14MPa Avg. 15MPa
	Elongation Rate Before Aging	Min. 300% Avg. 420%	Min. 300% Avg. 460%	Min. 500% Avg. 580%	Min. 650% Avg. 680%
	Elongation Rate After Aging	Min. 300% Avg. 360%	Min. 300% Avg. 410%	Min. 400% Avg. 470%	Min. 500% Avg. 600%
Packaging Dimensions (mm) & Loading Capabilities (Each product may differ from others)	L x W x H	Method 1 (1000 PCs/CTN)	Method 2 (1500 PCs/CTN)	Method 3 (2000 PCs/CTN)	
	Dispenser	230x125x60mm	240x125x70mm	230x130x78mm	
	Trans. CTN.	315x258x250mm	385x260x255mm	408x268x240mm	
	Capability for 20 GP	1500 CTNs	1170 CTNs	1150 CTNs	
	Capability for 40 GP	3100 CTNs	2400 CTNs	2380 CTNs	
	Capability for 40 HQ	3450 CTNs	2700 CTNs	2600 CTNs	

The information above are for reference only. Specific order shall be confirmed according to regional regulations and customers' requirements.

# Qualification

## MDD Product Qualification



FDA 510(K)

EN 455

ASTM D5250

ASTM D6319

## Quality Control System



GMP

SGS EN ISO 13485

SGS EN ISO 13485

SGS EN ISO 9001

## Other Qualification



日本食品衛生安全法検査成績書  
Japanese Food Safety Code 370

BRC

CE-PPE-PVC

CE-PPE-NBR



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