

# MediVena<sup>®</sup>

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ISO  
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CERTIFIED

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Premium quality  
MADE IN  
Thailand



# Nitrile Examination Gloves

**MEDICAL GRADE, POWDER-FREE, TEXTURED EXAMINATION GLOVES**  
Barrier against bacteria, fungi and viruses

# Nitrile Examination Gloves

## MEDICAL GRADE, POWDER-FREE, TEXTURED EXAMINATION GLOVES

Nitrile examination and protective gloves, powder-free, non-sterile for single use.

### Specification

<b>Product type</b>	Examination and Protective Non-sterile, powder free, glove for single use
<b>Medical grade</b>	I
<b>Protection type</b>	III
<b>Brand</b>	nitrylex®
<b>Raw Material</b>	Nitrile
<b>Sterility</b>	Non-sterile
<b>Texture</b>	Microtexture with additional texture at the fingertips
<b>External surface</b>	Finger textured 35 mm from tip
<b>Internal surface</b>	Polymerized + chlorinated
<b>Impermeability level (AQL)</b>	1.5
<b>Shape</b>	Ambidextrous
<b>Cuff</b>	Beaded
<b>Suitable for sensitive skin</b>	Yes, non-latex gloves
<b>Anti-static</b>	No
<b>Size Range</b>	S, M, L and XL
<b>Shelf life</b>	3 years (from the date manufacturing)



### Physical Properties

#### DIMENSIONS

**WIDTH** (in)  
(mm)  
*Tolerances*

S	M	L	XL
3.14 ± 0.39 80 ± 10 (6-7)	3.74 ± 0.39 95 ± 10 (7-8)	4.33 ± 0.39 110 ± 10 (8-9)	≥ 4.33 ± 0.39 ≥ 110 ± 10 (9-10)

**LENGTH** (in)  
(mm)  
minimum

≥ 9.44 ≥ 240	≥ 9.44 ≥ 240	≥ 9.44 ≥ 240	≥ 9.44 ≥ 240
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**THICKNESS** (mil)/(mm)  
(Single wall)  
minimum

M - Finger:	3.15 mil   min 0.08 mm
M - Palm:	min 2.36 mil   min 0.06 mm
M - Cuff:	1.97 mil   min 0.05 mm

**ELONGATION AT BREAK** (%)  
minimum

M - Before ageing:	500 (ASTM D6319)
M - After ageing:	400 (ASTM D6319)



### Material characteristics

#### Nitrile

Nitrile, also known as acrylonitrile butadiene rubber (NBR), is a material composed of organic chemical compounds. The production process of this raw material was modified so that it can compete with natural rubber.

Nitrile gloves are a perfect alternative to gloves made of a natural material; are often called synthetic latex gloves.

#### Nitrile Gloves

- Do not contain latex proteins,
- Have a minimum content of rubber accelerators (substances that accelerate the process of temperature-induced raw material setting)



## Manufacturing and Safety standards

<b>AQL</b>	Manufacturing final release: in accordance with ISO 2859-1
<b>US FDA Registration</b>	Class 1, Product Code LZA, 510(k) K172930, device listing D320597
<b>USA Compliance</b>	ASTM D6319 (ASTM D5151/ ASTM D412/ASTM D573) ISO 15223-1 EN ISO 13485
<b>Viral test</b>	Test in accordance with ASTM F1671 & ISO 16604
<b>Food contact</b>	Declaration of conformity for food contact in accordance with US FDA 21 CFR 177.2600 (Rubber Articles) Regulation
<b>Shelf life</b>	3 years
<b>Storage Instruction</b>	Do not store above 100 °F (38 °C). Open box should be shielded from exposure to direct sunlight, intense artificial light, x-ray machines, and other source of ozone.

Test acc. to EN ISO 374-1:2016 (Type B)	Level	Test acc. to EN 374-4:2013 Degradation %
35% Ethanol	6	55.0
40% Isopropanol	6	68.7
10% Acetic Acid	4	53.5
50% benzalkonium chloride*	6	29.5
4% Chlorhexidine Digluconate**	6	32.9
10% Phosphoric acid	6	14.0
40% Sodium Hydroxide (K)	6	2.6
12% Sodium Hypochlorite	6	22.7
50% Sulphuric Acid	6	21.1
5% Ethidium Bromide	6	32.9
3% Hydrogen Peroxide	6	44.0
30% Hydrogen Peroxide (P)	2	52.8
37% Formaldehyde (T)	5	20.0
50% Glutaraldehyde	6	22.9
0.1% Phenol	6	24.7

- Level 1 >10 min • Level 2 >30 min
- Level 3 >60 min • Level 4 >120 min
- Level 5 >240 min • Level 6 >480 min
- \*Permeation rate 5 µg/cm<sup>2</sup>/min
- \*\*Permeation rate 7 µg/cm<sup>2</sup>/min

Test acc. to ASTM D 6978 Test Chemotherapy Drug and Concentration	Minimum Breakthrough Detection Time [min]
Carmustine (BCNU) 3.3 mg/ml (3,300 ppm)	24.6
Cisplatin 1.0 mg/ml (1,000 ppm)	240
Cyclophosphamide (Cytosan) 20 mg/ml (20,000 ppm)	240
Dacarbazine (DTIC) 10.0 mg/ml (10,000 ppm)	240
Doxorubicin Hydrochloride 2.0 mg/ml (2,000 ppm)	240
Fluorouracil 50.0 mg/ml (50,000 ppm)	240
Methotrexate 25 mg/ml (25,000 ppm)	240
Mitomycin C 0.5 mg/ml (500 ppm)	240
Paclitaxel (Taxol) 6.0 mg/ml (6,000 ppm)	240
Thiotepa (THT) 10.0 mg/ml (10,000 ppm)	68.9
Vincristine 1.0 mg/ml (1,000 ppm)	240



## Choose the right size:

The size of the glove should fit perfectly on the hand. This directly affects safety and comfort at work. To find your size, measure the width of your hand just above your thumb (widest part of your hand).

**S**

Width  
3.14 ± 0.39 in  
80 ± 10 mm

Length  
≥ 9.44 in  
≥ 240 mm

**M**

Width  
3.74 ± 0.39 in  
95 ± 10 mm

Length  
≥ 9.44 in  
≥ 240 mm

**L**

Width  
4.33 ± 0.39 in  
110 ± 10 mm

Length  
≥ 9.44 in  
≥ 240 mm

**XL**

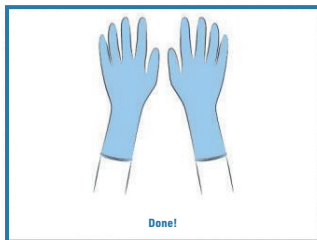
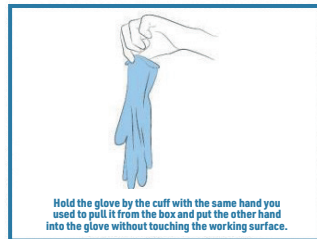
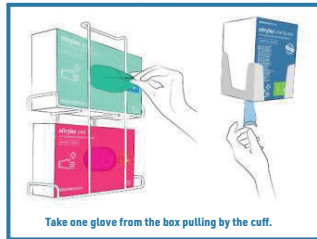
Width  
≥ 4.33 ± 0.39 in  
≥ 110 ± 10 mm

Length  
≥ 9.44 in  
≥ 240 mm

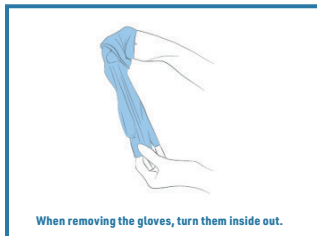
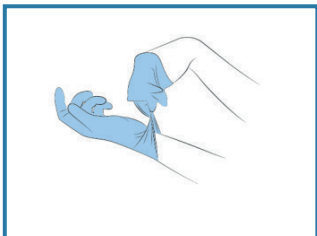
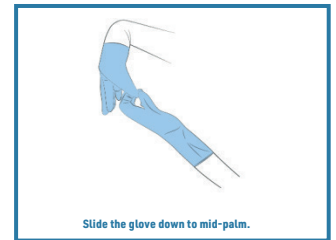
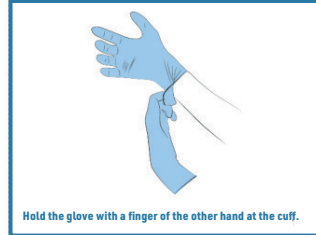


## Instructions

### How to put the gloves on?



### How to take the gloves off?



## Ordering Information

PRODUCT/APPLICATION	PRODUCT DESCRIPTION	REF	BOX / CASE
Personal Protection	NITRYLEX Nitrile Examination Gloves, Powder-Free, Blue	S: RD30019902 M: RD30019903 L: RD30019904 XL: RD30019905	100 pcs / bx 10 bx / cs

For more details, contact our sales department

