



# Nitrile gloves, Powder-Free

## Art. No 290411-290415

### *Classic* Nitrile Glove, Powder-Free



#### **Description**

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Examination gloves Nitrile (Nitrile Butadiene Rubber)  
Powder-Free  
Non-sterile  
White  
Micro-textured fingertips  
With rolled cuff  
Approved for food handling  
Produced for Abena A/S, Denmark, in Malaysia under ISO 9001, ISO14001 and ISO 13485

#### **CE**

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Dual CE-labelled according to  
Medical Device Regulation (EU) 2017/745  
PPE Regulation (EU) 2016/425, CAT III Type B certification  
Class I  
AQL 1.0 according to the requirements in the harmonised standard EN 455-1

#### **Standards**

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EN 455-1:2020+A1 :2022  
EN 455-2 :2015  
EN 455-3 :2015  
EN 455-4 :2009  
EN ISO 374-1: 2016 + A1:2018  
EN ISO 374-2:2019  
EN 374-3:2003  
EN 16523-1:2015 + A1:2018  
EN ISO 374-4:2019  
EN ISO 374-5:2016 VIRUS  
EN ISO 21420:2020  
EN 421:2010 excluding clause 4.3  
ASTM D 6978-05  
ASTM D 6319-10  
ASTM F 1671



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### Thickness

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Palm	0.07 mm (+/- 0.02)
Fingers	0.09 mm (+/- 0.02)

### Storage and handling

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Storage: 5-40°C

Handling: Avoid heat, humidity, direct sunlight and ozone

Shelf life: 5 years from production date

### Physical properties

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Force at break

Before challenge testing	6 Newton
After challenge testing at 70°C for 166 hours	6 Newton

Elongation

Before challenge testing	min. 500%
After challenge testing at 70°C for 166 hours	min. 400%

### Tests performed

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Air and water leak test

Sensitization test

Irritation test

Cytotoxicity

Residual chemicals with buffered saline

Residual chemicals with acetone

Force at break

Penetration

Powder residuals

Viral penetration

Bacteria and fungi test

Food approval (please see separate food datasheet)

Chemical and cytostatica permeation (see list of results below in this datasheet)

### Composition

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Chemical	CAS
Nitrile	9010-81-5
Sodium Dodecylbenzenesulfonate SDBS	25155-30-0
Sulphur	7704-34-9
Zinc oxide	1314-13-2



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ZDBC	136-23-2
Titanium dioxide	13463-67-7
Wax Emulsion	-

Chemical	CAS	Permeation time	Level
Acetone	67-64-1	<1 min.	0
Acetic acid 10%	64-19-7	119 min	3
Acrylamide 50 %	79-06-1	>480 min.	6
Ammonium hydroxide 25%	1336-21-6	6 min	0
Chlorhexidine gluconate 4%	18472-51-0	>480 min.	6
Chlorine in nitrogen 1000ppm		>480 min.	6
Citric acid 15%	77-92-9	>480 min.	6
Dichloromethane	75-09-2	1 min.	0
Diethylamine	109-89-7	<1 min.	0
Ethanol 70%	64-17-5	16 min.	1
Ethidium Bromide 0,1%	1239-45-8	>480 min.	6
Formaldehyde 37%	50-00-0	241-360 min.	5
Formalin 4% in 1-3% Methanol	50-00-0	>480 min.	6
Formalin 10%	50-00-0	>480 min.	6
Gluteraldehyde 1%	111-30-8	>480 min	6
Gluteraldehyde 3%	111-30-8	>480 min.	6
Gluteraldehyde 4%	111-30-8	361-480 min.	5
Hydrogen Peroxide 3%	7722-84-1	>480 min.	6
Hydrogen Peroxide 30%	7722-84-1	31-45 min.	2
Hydrofluoric acid 40%	7664-39-3	7-9 min.	0
Iodine 5%	7553-56-2	31-45 min.	2
Isopropanol	67-63-0	2 min.	0
Isopropanol 10%	67-63-0	46 min	2
Isopropanol 45%	67-63-0	77 min.	3
Methanol	67-56-1	<5 min.	0
n-Hexane	110-54-3	3 min.	0
n-Heptane	142-85-5	3 min	0
n-Propanol	71-23-8	<1 min.	0
Nitric Acid 65%	7697-37-2	3 min.	0
Peracetic acid 39%	79-21-0	13 min.	1
Sodium Hydroxide 40%	1310-73-2	>480 min.	6
Sodium carbonate 5%	497-19-8	>480 min.	6
Sulphuric acid 96%	7664-93-9	<5 min.	0

### Cytostatica

Carmustine 3.300 ppm	72 min	3
Cisplatin 1.000 ppm	>480 min.	6



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Cyclophosphamide 20.000 ppm	>480 min.	6
Dacarbazine 10.000 ppm	>480 min.	6
Doxorubicin Hydrochloride 2.000 ppm	>480 min.	6
Etoposide 20.000 ppm	>480 min.	6
Fluorouracil 50.000 ppm	>480 min.	6
Methotrexate 25.000 ppm	>480 min.	6
Mitomycin C 500 ppm	>480 min.	6
Paclitaxel (Taxol) 6.000 ppm	>480 min.	6
ThioTepa 10.000 ppm	>480 min.	6
Vincristine Sulfate 1.000 ppm	>480 min.	6

Test method used: EN 374-3 and EN16523-1:2015

Art. no.	Product	Size	Palm mm (+/- 4)	Length mm (+/-5)	Cartons per pallet	Quantity Dispenser/carton
290411	X-small	5-6	75	240	54	150/1500
290412	Small	6-7	86	240	54	150/1500
290413	Medium	7-8	98	240	54	150/1500
290414	Large	8-9	107	240	54	150/1500
290415	X-Large	9-10	115	240	54	150/1500