



Nitrile gloves, Powder-Free

Art. No. 1999911321-25

Classic

Nitrile Glove, Powder-Free, long cuff



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)

Powder-Free

Non-sterile

Blue

Long Cuff

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

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 455-1:2020+A2:2024

Standards

EN 455-1:2020+A2 :2024

EN 455-2 :2024

EN 455-3 :2023

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

Palm	0.08 mm (+/- 0.02)
Fingers	0.10 mm (+/- 0.02)
Length	min. 290 mm

Storage and handling

Handling: Avoid heat, humidity, direct sunlight and ozone
Shelf life: 5 years from production date

Physical properties

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

Air and water leak test
Sensitization test
Irritation test
Cytotoxicity
Residual chemicals
Force at break
Powder residuals
Virus penetration
Bacteria and fungi test
Food migration test
Chemical and cytostatica permeation (see list of results below in this datasheet)

Composition

Chemical	CAS
Nitrile	9010-81-5
Sodium Dodecylbenzenesulfonate SDDBS	25155-30-0
Sulphur	7704-34-9
Zinc oxide	1314-13-2
ZDBC	136-23-2
Titanium dioxide	13463-67-7
Wax Emulsion	-
Blue pigment	147-14-8 & 6358-30-1

Chemicals used and the quantity is in compliance with US 21 CFR 177



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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	25 min.	1
Ethanol 71%	64-17-5	37 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
Glutaraldehyde 1%	111-30-8	>480 min.	6
Glutaraldehyde 3%	111-30-8	>480 min.	6
Glutaraldehyde 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 45%	67-63-0	480 min.	6
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		16 min	1
Cisplatin 1.000 ppm		>240 min.	5
Cyclophosphamide 20.000 ppm		>240 min.	5
Dacarbazine 10.000 ppm		>240 min.	5



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Doxorubicin Hydrochloride 2.000 ppm	>240 min.	5
Etoposide 20.000 ppm	>240 min.	5
Fluorouracil 50.000 ppm	>240 min.	5
Methotrexate 25.000 ppm	>240 min.	5
Mitomycin C 500 ppm	>240 min.	5
Paclitaxel (Taxol) 6.000 ppm	>240 min.	5
ThioTepa 10.000 ppm	>28 min.	5
Vincristine Sulfate 1.000 ppm	>240 min.	5
Carmustine 3.300 ppm	16 min	1

Antibiotica

Cefuroxim 15.000 ppm	>480 min.	6
Dicloxacinil 10.000 ppm	>480 min.	6
Gentamicin 1.200 ppm	>480 min.	6

Test method used: EN 374-3:2003, EN 16523-1: 2015 + A1:2018 + ASTM D 6978

Art. no.	Product	Size	Palm mm (+/- 4)	Length mm (+/-10)	Quantity Dispenser/carton
1999911321	X-small	5-6	76	290	150/1500
1999911322	Small	6-7	86	290	150/1500
1999911323	Medium	7-8	98	290	150/1500
1999911324	Large	8-9	107	290	150/1500
1999911325	X-Large	9-10	115	290	150/1500



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