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 455-5: 2025
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 SDBS	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

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

Chemical Permeation Test

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 digluconate 4%	18472-51-0	>480 min.	6
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	42 min.	2
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
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 45%	67-63-0	480 min.	6
Isopropanol 60%	67-63-0	165 min.	4
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	15 min.	1
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

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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
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.	1
Vincristine Sulfate 1.000 ppm	>240 min.	5
Carmustine 3.300 ppm	16 min	1
Antibiotica		
Cefuroxim 15.000 ppm	>480 min.	6
Dicloxacilin 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 Min.	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