



Nitrile gloves, Powder-Free

Art. No. 290417-290421

Classic

Nitrile Glove, Powder-Free



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)

Powder-Free

Non-sterile

Blue

Micro-textured fingertips

With rolled cuff

Recommend 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 set in EN 455-1:2020+A1:2022

Standards

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

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

Storage and handling

Storage: 5-40°C

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

Sensitization & Irritation

Cytotoxicity

Chemical residual

Powder residuals

Force at break

Virus, Bacteria and fungi penetration 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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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
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
Formaldehyde 4 %	50-00-0	>480 min.	6
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 45%	67-63-0	77 min.	3
Methanol	67-56-1	<1 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
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
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



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Paclitaxel (Taxol) 6.000 ppm	>240 min.	5
ThioTepa 10.000 ppm	>28 min.	1
Vincristine Sulfate 1.000 ppm	>240 min.	5

Test method used: EN 374-3, EN16523-1 and ASTM D 6978

Art. no.	Product	Size	Palm mm (+/- 4)	Length mm (+/-5)	Cartons per pallet	Quantity Dispenser/carton
290417	X-small	5-6	76	240	54	150/1500
290418	Small	6-7	86	240	54	150/1500
290419	Medium	7-8	98	240	54	150/1500
290420	Large	8-9	107	240	54	150/1500
290421	X-Large	9-10	115	240	54	150/1500