



Nitrile Gloves, Powder-Free

Art. No 290670-290674

Excellent
Nitrile Glove, Powder- and Accelerator Free



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)
Accelerator free
Powder-Free
Non-sterile
Blue
Finger textured
With rolled cuff
Approved for food handling, but not acidic foods
Produced for Abena A/S, Denmark, in Malaysia under ISO 9001 and ISO 13485

CE

Dual CE-labelled according to:
Medical Device directive 93/42/EEC or Medical Device regulation EU 2017/745 Class I
PPE directive 89/686/EEC or PPE Regulation EU2016/425, Type C CAT III
AQL 1.5 according to the requirements in the harmonized standard EN 455-1

Standards

EN 455-1, 2, 3 & 4
EN 374-1:2016
EN 374-2:2015
EN 374-3:2003
EN16523-1:2015
EN 374-4:2013
EN 374-5:2016 VIRUS
EN 420:2003 + A1:2009
ASTM D6978-05
ASTM D6319
ASTM F1671



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Thickness

Palm	0.05 mm (+/- 0.02)
Fingers	0.07 mm (+/- 0.03)

Storage and handling

Storage: 5-40°C

Handling: Avoid heat, humidity, direct sunlight and ozone

Shelf life: 3 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
Through shelf life	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

Chemical residual

Force at break

Viral penetration

Bacteria and Fungi test

Food approval (please see separate food datasheet)

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

Composition

Chemical	CAS
Nitrile NBR	9010-81-5
Zinc Oxide	1314-13-2
Potassium Hydroxide	1310-58-3
Titanium Dioxide	13463-67-7
Blue Pigment	



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Chemical	CAS	Permeation time	Class
Acetic acid 99%	64-19-7	3 min.	0
Ammonium hydroxide	1336-21-6	4 min.	0
Chlorhexidine digluconate 0,5 %	18472-51-0	480 min.	6
DMSO	67-68-5	25 min.	1
Ethanol 70%	64-17-5	2 min.	0
Ethidium Bromide 5%	1239-45-8	>480 min.	6
Formaldehyde 37%	50-00-0	61-90 min.	3
Formalin 4%	50-00-0	>480 min.	6
Glutaraldehyde 50%	111-30-8	>480 min.	6
Hydrochloric acid 36%	7647-01-0	42 min.	2
Hydrogen Peroxide 30%	7722-84-1	0-5 min.	0
Isopropanol 40%	67-63-0	22-126 min	-
Isopropanol 70%	67-63-0	3 min.	0
Methanol in water 1,5 %	67-56-1	>480 min.	6
Nitric acid 65%	7697-37-2	5 min.	0
n-Heptane	142-82-5	3 min.	0
n-Hexane	110-54-3	4 min.	0
Peracetic acid 39%	7601-90-3	13 min.	1
Phenol 0,1 %	108-95-2	>480 min.	6
Sodium Hydroxide 40%	1310-73-2	>480 min.	6
Sodium Hypochlorite 10-13 %	7681-52-9	>480 min.	6
Sulphuric acid 50%	7664-93-9	>480 min.	6
Cytostatica			
Carmustine 3.300 ppm		26,2 min.	1
Cisplatin 1.000 ppm		>240 min.	5
Cyclophosphamide 20.000 ppm		>240 min.	5
Cytarabine 100.000 ppm		>240 min.	5
Dacarbazine 10.000 ppm		>240 min.	5
Doxorubicin 2.000 ppm		>240 min.	5
Etoposide 20.000 ppm		>240 min.	5
Fluorouracil 50.000 ppm		>240 min.	5
Ifosfamide 50.000 ppm		>240 min.	5
Melphalan 5.000 ppm		>480 min.	6
Methotrexate 25.000 ppm		>240 min.	5
Mitomycin 500 ppm		>240 min.	5
Mitoxantrone 2.000 ppm		>240 min.	5
Paclitaxel 6.000 ppm		>240 min.	5
Thiotepa 10.000 ppm		59,1 min.	2
Vincristine Sulfate 1.000 ppm		>240 min.	5



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Antibiotica

Cefuroxim 90.000 ppm	>480 min.	6
Dicloxacilin 10.000 ppm	>480 min.	6
Gentamicin 40.000 ppm	>480 min.	6

Test Method used EN 16523-1:2015, EN374:2003 and ASTM D6978-05

Art. No.	Product	Size	Palm mm (+/- 5)	Length mm (+/-5)	Quantity Dispenser/carton
29067001	X-small	5-6	75	240	150/1500
29067101	Small	6-7	85	240	150/1500
29067201	Medium	7-8	95	240	150/1500
29067301	Large	8-9	105	240	150/1500
29067401	X-Large	9-10	115	240	150/1500