



Nitrile gloves, Powder-Free

Art. No. 290405-290409

Excellent

Nitrile Glove, Long, Powder and Accelerator free



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)

Accelerator free

Long cuff

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	0.06 mm (+/- 0.02)
Fingers	0.08 mm (+/- 0.02)

Storage and handling

Storage: 10-30°C

Handling: Avoid heat, humidity direct sunlight and ozone

Shelf life: 3 years from production date

Physical properties

Force at break

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

Elongation

Before Challenge	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
Titanium Dioxide	13463-67-7
Zinc oxide	1314-13-2
Potassium Hydroxide	1310-58-3
Pigment	-



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Chemicals	CAS number	Permeation time	Class
2,5-Toluenediamine (in hair colour)		>480 min	6
Acetic acid 99%	64-19-7	3 min.	0
Ammonium Hydroxide	1336-21-6	4 min.	0
Ammonium Persulphat (in hair colour)		>480 min.	6
Chlorhexidine 4%	18472-51-0	>480 min.	6
Chlorhexidine digluconate 0,5%	18472-51-0	480 min.	6
Diethylamine	109-89-7	8 min.	0
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
Gluteraldehyde 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	2 min.	0
Methanol 1,5% in water	67-56-1	>480 min.	6
Methanol	67-56-1	50 min.	2
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
Para-Phenylenediamine (in hair colour)		>480 min	6
Resorcinol (in hair colour)		>480 min.	6
Sulphuric Acid 50%	7664-93-9	>480 min.	6
Thioglycolic Acid 11%		80 min.	3
Cytostatica			
5-Fluorouracil – 50.000 ppm		>480 min.	6
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 Hydrochloride 2.000 ppm		>240 min.	5
Etoposide 20.000 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



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Mitomycin 500 ppm	>240 min.	5
Mitoxantrone 2.000 ppm	>240 min.	5
Paclitaxel 6.000 ppm	>240 min.	5
Thio-Tepa 10.000 ppm	59,1 min.	2
Vincristine Sulfate 1.000 ppm	>240 min.	5

Antibiotica

Cefuroxim 90.000 ppm	>480 min.	6
Dicloxacinil 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 (+/- 4)	Length mm (+/-5)	Quantity Dispenser/carton
290405	X-Small	5-6	75	300	100/1000
290406	Small	6-7	85	300	100/1000
290407	Medium	7-8	95	300	100/1000
290408	Large	8-9	106	300	100/1000
290409	X-Large	9-10	116	300	100/1000