



Nitrile Gloves, Powder-Free

Art. No 290481-290485

Classic

**Nitrile Glove, Powder-Free, Sensitive
Black**



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)

Powder-Free

Non-sterile

Black

Micro-textured fingertips

With rolled cuff

Suitable for food handling

Produced for Abena A/S, Denmark, in Malaysia under ISO 9001, ISO 13485 and ISO 14001

CE

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 Regulative EU2016/425, CAT III

AQL 1.5 according to the requirements in the harmonised standard EN 455-1

Standards

EN 455-1, 2, 3 & 4

EN 374-1:2016

EN 374-2:2015

EN 374-3:2003

EN16523:2015

EN 374-4:2013

EN 374-5:2016 VIRUS

EN 420:2003 + A1:2009

Thickness

Palm 0.06 mm (+/- 0.02)

Fingers 0.08 mm (+/- 0.02)



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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
Through shelf life	6 Newton

Elongation

Before challenge testing	min. 500%
After challenge testing at 70°C for 166 hours	min. 400%

All time of durability

6 Newton

Tests performed

Air and Water Leak Test

Sensitization test

Irritation test

Cytotoxicity

Residual chemicals

Force at break

Bioburden

Penetration

Powder residuals

Viral penetration

Bacteria and fungi test

Food approval (please see separate food datasheet)

Chemical and cytostatic permeation (see list of results below in this datasheet)

Composition

Chemical	CAS
Nitrile	9003-18-3
Potassium Hydroxide	1310-58-3
Zinc oxide	1314-13-2
ZDEC	14324-55-1
ZDBC	136-23-2
Sulphur	7704-34-9
Titanium Dioxide	13463-67-7
Anti-oxidant	68610-51-5
Chlorine	7782-50-5
Black colour	

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Chemical	CAS number	Permeation time	Level
2-Hydroxyethyl methacrylate 97%	868-77-9	5 min.	0
Acetic acid 10%	64-19-7	90 min.	3
Acetone	67-64-1	<1 min.	0
Ammonium Hydroxide 25%	1336-21-6	6 min.	0
Chloramine-T(in klorilli solution) 0,5%		>480 min.	6
Chloramine-T(in klorilli solution) 5-15%		225 min.	4
Chlorhexidine 4%	55-56-1	>480 min.	6
Chlorhexidine 6%	55-56-1	>480 min.	6
Chlorhexidine Digluconate 20%	18472-51-0	>480 min.	6
Diemethyl Sulphoxide 99% DMSO	67-68-5	3 min.	0
Diethylamine	109-89-7	<1 min.	0
Dismofix K 1%	67-68-5	>480 min.	6
Dismofix B 1%		>480 min.	6
Dismozon pur 1%		>480 min.	6
Dismozon pur 4%		>480 min.	6
Diurethane dimethacrylate	72869-86-4	>480 min.	6
Ethanol 1,5 %	64-17-5	>480 min.	6
Ethanol 35 %	64-17-5	<10 min.	0
Ethanol 70 %	64-17-5	<10 min.	0
Ethanol 99 %	64-17-5	<1 min.	0
Ethidium bromide 0,1%	1239-45-8	>480 min.	6
Ethidium bromide 5%	1239-45-8	>480 min.	6
Formaldehyde 24,5 %	50-00-0	>480 min.	6
Formaldehyde 35 %	50-00-0	>480 min.	6
Formaldehyde 37 %	50-00-0	>480 min.	6
Formalin 10%		>480 min.	6
Glutaraldehyde 1%	111-30-8	>480 min.	6
Glutaraldehyde 10%	111-30-8	>480 min.	6
Glutaraldehyde 4%	111-30-8	>480 min.	6
Hydrochloric acid 36%	7647-01-0	28 min.	1
Hydrogen peroxide 3%	7722-84-1	>480 min.	6
Hydrogen peroxide 30%	7722-84-1	46-60 min.	2
Isopropanol 99%	67-63-0	<10 min.	0
Isopropanol 40%	67-30-0	143-480 min	-
Isopropanol 1,5 %	67-63-0	>480 min.	6
Kohrsolin FF 0,5 %		>480 min.	6
Kohrsolin extra 0,5% for glutaraldehyde		>480 min.	6
Kohrsolin extra 0,5% for alcohols		>480 min.	6
Korsolex extra 4 % for glutaraldehyde		>480 min.	6
Korsolex extra 4 % for alcohols		>480 min.	6
Korsolex plus 3%		>480 min.	6
Korsolex med AF 1%		>480 min.	6
Mikrobac Tissues		>480 min.	6



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n-Hexane	142-82-5	<1 min	0
n-heptane	142-82-5	<12 min.	1
Peracetic acid 38-40%	79-21-0	5 min.	0
Potassium Carbonate 35%	584-08-7	>480 min.	6
1-Propanol	71-23-8	3.98 min.	0
Rely+On™ Virkon® (Solution of potassium Peroxymonosulphate)	70693-62-8	>480 min.	6
Sodium hydroxide 40%	1310-73-2	>480 min.	6
Sodium Hypochlorite 5 %	7681-52-9	>480 min.	6
Sodium Percarbonate 20%	15630-89-4	>480 min.	6
Triethylene glycol dimethacrylate 95%		5.90 min.	0

Cytostatica

Bortezomib 1.000 ppm		>480 min.	6
Carmustine 3.300 ppm		59-75 min.	2
Cyclophosphamide 20.000 ppm		>480 min.	6
Cytarabine 100.00 ppm		>240 min.	5
Doxorubicin Hydrochloride 2.000 ppm		>480 min.	6
Epirubicin 2.000 ppm		>480 min.	6
Etoposide 20.000 ppm		>480 min.	6
Flurouracil 50.000 ppm		>480 min.	6
Gemcitabine(Gemzar) 38.000 ppm		>480 min.	6
Irinotecan 20.000 ppm		>480 min.	6
Methotrexate 25.000 ppm		>240 min.	5
Oxaliplatin 5.000 ppm		>480 min.	6
Paclitaxel (taxol) 6.000 ppm		>480 min.	6
Thio-Tepa 10.000 ppm		>480 min.	6

Antibiotic

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

Test method used: EN 374-3, EN16523-1:2015 and ASTM D6978-05



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Art. no.	Product	Size	Palm mm	Length mm (+/-5)	Quantity Dispenser/carton
290481	X-small	5-6	70-81	240	100/1000
290482	Small	6-7	81-90	240	100/1000
290483	Medium	7-8	90-100	240	100/1000
290484	Large	8-9	100-110	240	100/1000
290485	X-Large	9-10	110-120	240	100/1000