



Nitrile Gloves, Powder-Free

Art. No 290481-290485

Classic

Nitrile Glove, Powder-Free, 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 and ISO 13485

CE

Dual CE-labelled according to EU directive 93/42/EEC and EU directive 89/686/EEC

Class I and 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 (excluding clause 5.3)

EN 374-2

EN 374-3 (test method used to test chemical permeation listed below in this datasheet)

EN 388 (0,0,0,0)

EN 420

Thickness

Palm	0.05 mm (+/- 0.02)
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Fingers	0.08 mm (+/- 0.02)
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Weight medium	3,20 gr. (+/- 0,2)
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Storage and handling

Storage: 5-40°C

Handling: Avoid heat, humidity, bright light and ozone



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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

Sensitization test

Irritation test

Cytotoxicity

Residual chemicals

Force at break

Penetration

Powder residuals

Viral penetration

FITkit test

Protein test

Food approval (please see separate food datasheet)

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

Composition

Chemical	CAS
Nitrile NBR	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
Wingstay L	68610-51-5
Chlorine	7782-50-5

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



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Chemical	CAS	Permeation time	Class
1-propanol	71-23-8	3,98 min.	0
2-hydroxyethyl Methacrylate 97%		5,23 min	0
Aceton	67-64-1	< 1 min.	0
Chloramine-T (in Klorill solution) 0,5%		> 480 min	6
Chloramine-T (in Klorill solution) 5-15%		225,9 min.	4
Chlorhexidine gluconate 4%	18472-51-0	> 480 min.	6
Chlorhexidine digluconate 20%	18472-51-0	> 480 min.	6
Diethylamine	109-89-7	<1 min.	0
Diurethane Dimethacrylate		>480 min.	6
Dismofix K 1%		>480 min.	6
Dismofix B 1%		>480 min.	6
Dismozon pur 1%		>480 min.	6
Dismozon pur 4%		>480 min.	6
Ethanol 70%	64-17-5	3 min.	0
Ethanol 99%	64-17-5	<1 min.	0
Ethidium Bromid 5 %	1239-45-8	>480 min.	6
Formaldehyde 35%	50-00-0	>480 min.	6
Formalin 10%	50-00-0	>480 min.	6
Gluteraldehyde 4%	111-30-8	>480 min	6
Hydrogen Peroxide 3%	7722-84-1	>480 min.	6
Isopropanol	67-63-0	2 min.	0
Kohrsolin FF 0,5%		>480 min.	6
Kohrsolin extra 0,5% for Alcohols		>480 min.	6
Kohrsolin extra 0,5% for Glutaraldehyde		>480 min.	6
Korsolex med AF 1%		>480 min.	6
Korsolex puls 3%		>480 min.	6
Korsolex extra 4% for Alcohols		>480 min.	6
Korsolex extra 4% for Glutaraldehyde		>480 min.	6
Microbac tiissus		>480 min.	6
Rely+On™ Virkon® (Solution of potassium Peroxymonosulphate)	70693-62-8	>480 min.	6
n- Hexane	110-54-3	<1 min.	0
n- Heptane	142-85-5	<1 min	0
Potassium Carbonate 35%	584-08-7	>480 min.	6
Sodium Hydroxid 40%	1310-73-2	>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		59,19 min	2
Cyclophosphamide 20.000 ppm		>480 min.	6
Doxorubicin Hydrochloride 2.000 ppm		>480 min.	6
Epirubicin 2.000 ppm		>480 min.	6



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Etoposide 20.000 ppm	>480 min.	6
Fluorouracil 50.000 ppm	>480 min.	6
Gemcitabine 38.000 ppm	>480 min.	6
Irinotecan 20.000 ppm	>480 min.	6
Paclitaxel (Taxol) 6.000 ppm	>480 min.	6
ThioTepa 10.000 ppm	>480 min.	6

Test Method used EN 374-3

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