



Nitrile gloves, powder-free

Art. No. 3940-3944

Excellent
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Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)

Powder-free

Non-sterile

White

Micro-textured fingertips

With rolled cuff

Approved for food handling

Produced for Abena A/S, Denmark, in Malaysia under ISO 9001, ISO 13485, ISO14001

CE

Dual CE-labelled according to:

Medical Device regulation (EU)2017/745 Class I

PPE Regulation (EU)2016/425, Type B CAT III

AQL 1.0 according to the requirements in the harmonised standard EN 455-1

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

EN ISO 15223-1:2021

ASTM D 6978-05

ISO 10993-5:2009

ISO 10993-10:2021



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Thickness

Palm	0.09 mm (+/- 0.02)
Fingers	0.12 mm (+/- 0.02)

Storage and handling

Storage: 5-40°C

Handling: Avoid heat, humidity, bright light and ozone

Shelf life: 5 years from production date

Physical properties

Force at break

Before challenge testing	9 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 Leak Test and Water Leak test

Sensitization test

Irritation test

Cytotoxicity

Residual chemicals

Force at break

Microbiology

Penetration

Powder residuals

Virus penetration

Bacteria and fungi test

Chemicals Residue test

Determination of PAHs

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
Sodium Dodecylbenzenesulfonate (SDBS)	85117-50-6
Sulphur	7704-34-9
Zinc oxide	1314-13-2
ZDBC	136-23-2
Titanium dioxide	13463-67-7
Wax Emulsion	-



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Chemical	CAS number	Permeation time	Class
1,2 dichloroethana		<1 min.	0
2-Hydroxyethyl methacrylate 97%		10 min.	1
0.5 M iodine solution	7553-56-2	>480 min.	6
2-Mercaptoethanole	60-24-2	3 min.	0
Acetic Acid 10%		241 min.	5
Acetonitrile >99%	75-05-8	<1 min.	0
Acrylamide 40%	79-06-1	>480 min.	6
Ammonia 25%	1336-32-6	13 min.	1
Chlorine 1.000 ppm		>480 min.	6
Chlorhexidine 4%	55-56-1	>480 min.	6
Chlorhexidine Gluconate 4%	18472-51-0	>480 min.	6
Citric Acid 15%		>480 min.	6
Cyclohexanol	108-93-0	68 min.	3
Dichloromethane >99%	75-09-2	<1 min.	0
Diethylamine	109-87-7	<1 min.	0
Diurethane dimethacrylate		320 min.	5
Ethanol 70 %	64-17-5	87 min.	3
Ethanol 80 %	64-17-5	15 min.	1
Ethidium bromide 1%	1239-45-5	>480 min.	6
Ethyl Acetate >99%	141-78-6	<1 min.	0
Formamide 40%	75-12-7	>480 min.	6
Formaldehyde 37% in Methanol 10%	50-00-0	>120 min.	3
Formaldehyde/Formalin 37%	50-00-0	>480 min.	6
Formic Acid 12,5%	64-18-6	240 min.	4
n-Hexane	110-54-3	>480 min.	6
Hydrochloric acid 36%	7647-01-0	140 min.	4
Hydrofluoric acid 40%	7664-39-3	6 min.	0
Hydrogen peroxide 3%	7722-84-1	>480 min.	6
Hydrogen peroxide 30%	7722-84-1	31-45 min.	2
Isopropanol 45%	67-63-0	>480 min.	6
Methanol 5%	67-56-1	>480 min.	6
Methanol 10%	67-56-1	30 min.	1
Methyl methacrylate		< 1 min.	0
Nitric acid 10%	7697-37-2	>480 min.	6
n-heptane	142-82-5	80 min.	3
n-Propanol 60%		51 min.	2
Peracetic acid 38%	79-21-0	9 min.	0
Phosphoric acid 30%	7664-38-2	>480 min.	6
Perchloric acid 70 %		92 min.	3
Petroleum – distilled		5 min.	0



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Phenol 90%		9 min.	0
Potassium hydroxide 30%	1310-58-3	>480 min.	6
Povidone iodine 10%	25655-41-8	>480 min.	6
Rely+On™ Virkon® (Solution of potassium Peroxymonosulphate)	70693-62-8	>480 min.	6
Silver nitrate 10%	7761-88-8	>480 min.	6
Sodium carbonate 5%		>480 min.	6
Sodium hydroxide 40%	1310-73-2	>480 min.	6
Sulphuric acid 50%	7664-93-9	>480 min.	6
Sulphuric acid 96%	7664-93-9	8 min.	0
Tri(ethylene glycol) dimethacrylate 95%		33 min.	1
O-Xylene >99%	95-47-6	<1 min.	0

Cytostatica

Flourouracil – 50.000 ppm		>240 min.	5
Carmustine 3.300 ppm		35 min.	2
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
Methotrexate 25.000 ppm		>240 min.	5
Mitomycin C 500 ppm		>240 min.	5
Paclitaxel (taxol) 6.000 ppm		>240 min.	5
Thio-Tepa 10.000 ppm		85 min.	3
Vincristine sulfate 1.000 ppm		>240 min.	5

Antibiotica

Cefuroxim 15.000 ppm		>480 min.	6
Dicloxacinil 10.000 ppm		>480 min.	6
Gentamicin 1.200 ppm		>480 min.	6

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Test method used: EN 374-3:2003 and EN16523-1:2015 and ASTM D6978



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Art. no.	Product	Size	Palm mm (+/- 4)	Length mm (+/-5)	Cartons per pallet	Quantity Dispenser/carton
3940	X-small	5-6	76	240	48	100/1000
3941	Small	6-7	86	240	48	100/1000
3942	Medium	7-8	98	240	48	100/1000
3943	Large	8-9	107	240	48	100/1000
3944	X-Large	9-10	115	240	48	100/1000