



Nitrile Gloves, Powder-Free

Art. No 1000008823-1000008819

Excellent
**Nitrile Gloves, Low derma,
Powder- and Accelerator Free**



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)
Low Dermatitis
Accelerator free
Powder-Free
Non-sterile
Dark blue
Finger textured
With rolled cuff
Recommend for all types of food handling
Produced for Abena A/S, Denmark, in Malaysia under ISO 9001, ISO 13485 and ISO 14001

CE

Dual CE-labelled according to
Medical Device Regulation EU 2017/745 Class I
PPE Regulative EU2016/425, Type B certification.
Class I and CATIII
AQL 1.5 according to the requirements in the harmonised standard EN 455-1:2020

Standards

EN 455-1, 2, 3 & 4
EN ISO 374-1:2016 +A1:2018
EN ISO 374-2:2019
EN 374-3:2003
EN16523-1:2015+A1:2018
EN ISO 374-4:2019
EN ISO 374-5:2016 VIRUS
EN ISO 21420:2020
ASTM D6978-05
ASTM D6319
ASTM F1671



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Thickness

Palm	min. 0.05 mm
Fingers	min. 0.07 mm

Storage and handling

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%

Tests performed

Air and Water Leak test
Sensitization test
Irritation test
Cytotoxicity
Powder residual
Chemical residual
Force at break
Bacteria and Fungi test
Viral penetration
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	147-14-8



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Chemical	CAS	Permeation time	Level
Acetic acid 99%	64-19-7	3 min.	0
Ammonium hydroxide 25%	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	24 min.	1
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	145 min.	4
Isopropanol 45%	67-63-0	480 min.	6
Isopropanol 60%	67-63-0	>480 min.	6
Methanol in water 1,5 %	67-56-1	>480 min.	6
Methanol	67-56-1	< 5 min.	0
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
n-propanol	71-23-8	7 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
Sulphuric acid 96%	7664-93-9	<5 min.	0

Cytostatica

Carmustine 3.300 ppm	26,2 min.	1
Carboplatin	240 min.	5
Carfilzomib	240 min.	5
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
Daunorubicin	240 min.	5
Docetaxel	240 min.	5
Doxorubicin 2.000 ppm	>240 min.	5
Epirubicin	240 min.	5
Etoposide 20.000 ppm	>240 min.	5
Fluorouracil 50.000 ppm	>240 min.	5
Gemcitabin	240 min.	5
Idarubicin	240 min.	5
Ifosfamide 50.000 ppm	>240 min.	5



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Irinotecan	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

Antibiotica

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

Test Method used EN 16523-1:2015, EN374-3:2003 and ASTM D6978-05

Art. No.	Product	Size	Palm mm (+/- 4)	Length mm (+/-5)	Quantity Dispenser/carton
1000008823	X-small	5-6	75	240	100/1000
1000008822	Small	6-7	85	240	100/1000
1000008821	Medium	7-8	95	240	100/1000
1000008820	Large	8-9	105	240	100/1000
1000008819	X-Large	9-10	115	240	100/1000