



# Nitrile Gloves, Powder-Free

## Art. No 1000008823-1000008819

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



### **Description**

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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**

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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 1.0 according to the requirements in the harmonised standard EN 455-1:2020

### **Standards**

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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

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Palm	min. 0.05 mm
Fingers	min. 0.07 mm

### Storage and handling

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Handling: Avoid heat, humidity, direct sunlight and ozone  
Shelf life: 5 years from production date

### Physical properties

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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

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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

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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
Daunorubicon	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



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Ifosfamide 50.000 ppm	>240 min.	5
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
Dicloxacinil 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