



Nitrile Gloves, Powder-Free

Art. No 1999902086-1999902090

Classic Nitrile Glove, Powder-Free, Blue



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)
Powder-Free
Non-sterile
Blue
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

Dual CE-labelled according to Medical Device Regulation (EU) 2017/745, Class I and
PPE Regulation (EU) 2016/425, CAT III Type B certification
AQL 1.5 according to the requirements in the harmonised standard EN 455-1

Standards

EN 455-1, 2, 3 & 4
EN ISO 374-1:2016
EN ISO 374-2:2019
EN 16523:2015
EN ISO 374-4:2019
EN ISO 374-5:2016 VIRUS
EN ISO 21420:2020

Thickness

Palm	0.07 mm (+/- 0.02)
Fingers	0.09 mm (+/- 0.02)

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%



Nitrile Gloves, Powder-Free

Art. No 1999902086-1999902090

Tests performed

Air and Water Leak test
Sensitization test
Irritation test
Cytotoxicity
Force at break
Chemical residual with acetone
Powder residuals
Virus, Bacteria and Fungi
Food (please see separate food datasheet)
Chemical and cytostatica (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
Pigment	

Chemical permeation

Chemical	CAS number	Permeation time	Level
Chlorhexidine digluconate 4%	18472-51-0	>480	6
Ethanol 70%	64-17-5	30 min.	2
Formaldehyde 37%	50-00-0	>480 min.	6
Hydrogen peroxide 30%	7722-84-1	46-60 min.	2
Hydrofluoric acid 40%	7664-39-3	6-8 min.	0
Isopropanol 45%	67-63-0	>480 min.	6
Isopropanol 60%	67-63-0	>480 min.	6
Methanol	67-56-1	< 5 min.	0
Nitric acid 65%	7697-37-2	3 min.	0
N-propanol	71-23-8	16 min.	1
Sodium hydroxide 40%	1310-73-2	>480 min.	6



Nitrile Gloves, Powder-Free

Art. No 1999902086-1999902090

Cytostatica	Permeation time	Level
Carmustine 3.300 ppm	15 min.	1
Cisplatin 1.000 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
Flourouracil – 50.000 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	19 min.	1
Vincristine sulfate 1.000 ppm	>240 min.	5

Art. no.	Product	Size	Palm mm (+/-3)	Length mm (+/-5)	Quantity Dispenser/carton
1999902086	X-small	5-6	76	240	200/2000
1999902087	Small	6-7	84	240	200/2000
1999902088	Medium	7-8	94	240	200/2000
1999902089	Large	8-9	105	240	200/2000
1999902090	X-Large	9-10	113	240	200/2000