Nitrile gloves, Powder-Free

Art. No. 290405-290409

Excellent
Nitrile Glove, Long, Powder and Accelerator free



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)
Accelerator free
Long cuff
Powder-Free
Non-sterile
Blue
Finger textured
With rolled cuff
Recommend for all types of food handling
Produced for Abena A/S, Denmark, in Malaysia under ISO 9001 and ISO 13485 and 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 harmonized standard EN 455-1:2020

Standards

EN 455-1, 2, 3, 4 & 5
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
EN ISO 21171:2006
ASTM D6978-05
ASTM D6319
ASTM F1671

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Thickness

Palm	min. 0.06 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	6 Newton
After Challenge testing at 70°C for 166 hours	6 Newton

Elongation

Before Challenge	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
Viral penetration
Bacteria and Fungi test
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
Titanium Dioxide	13463-67-7
Zinc oxide	1314-13-2
Potassium Hydroxide	1310-58-3
Pigment	147-14-8
Antioxidant	68610-51-5

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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
Crisplatin 1.000 ppm		>240 min.	5
Cyclophospamide 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

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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
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
Dicloxacilin 10.000 ppm	>480 min.	6
Gentamicin 40.000 ppm	>480 min.	6

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

Art. no.	Product	Size	Palm mm (+/- 4)	Length mm (+/-5)	Quantity Dispenser/carton
290405	X-Small	5-6	75	300	100/1000
290406	Small	6-7	85	300	100/1000
290407	Medium	7-8	95	300	100/1000
290408	Large	8-9	106	300	100/1000
290409	X-Large	9-10	116	300	100/1000