Nitrile Gloves, Powder-Free

Art. No 1000006803-1000006807

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

CE

Dual CE-labelled according to:
Medical Device regulation EU 2017/745 Class I
PPE Regulation EU2016/425, CATIII Type B Certification.
Class I
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 16523-1:2015 + A1:2018
EN ISO 374-4:2019
EN ISO 374-5:2016 VIRUS
EN ISO 21420:2020
ISO 15223
ASTM D6978-05
ASTM D6319
ASTM F1671

Thickness

Palm	min. 0.05 mm
Fingers	min. 0.07 mm

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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
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
Chlorhexidine digluconate 4%	18472-51-0	>480 min.	6
DMSO	67-68-5	25 min.	1
Ethanol 70%	64-17-5	13 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			
Bendamustine HCl 5.000 ppm		>240 min.	5
Bleomycin Sulfate 15.0000 ppm		>240 min.	5
Busulfan 6.000 ppm		>240 min.	5
Carmustine 3.300 ppm		26,2 min.	1
Carboplatin 10.000 ppm		>240 min.	5
Carfilzomib 2.000 ppm		>240 min.	5
Cetuximag 2.000 ppm		>240 min.	5
Crisplatin 1.000 ppm		>240 min.	5
Cladribine 1.000 ppm		>240 min.	5
Cyclosporin A 1000.000 ppm		>240 min.	5
Cyclophospamide 20.000 ppm		>240 min.	5
Cytarabine 100.000 ppm		>240 min.	5

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Cytovene 10.000 ppm	>240 min.	5
Dacarbazine 10.000 ppm	>240 min.	5
Daunorubicon 5.000 ppm	>240 min.	5
Decitabine 5.000 ppm		
Docetaxel 20.000 ppm	>240 min.	5
Doxorubicin 2.000 ppm	>240 min.	5
Epirubicin 2.000 ppm	>240 min.	5
Etoposide 20.000 ppm	>240 min.	5
Fludarabine 25.000 ppm	>240 min.	5
Fluorouracil 50.000 ppm	>240 min.	5
Gemcitabin 38.000 ppm	>240 min.	5
Idarubicin 1.000 ppm	>240 min.	5
Ifosfamide 50.000 ppm	>240 min.	5
Irinotecan 20.000 ppm	>240 min.	5
Mechlorethamine 1.000 ppm	>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
Oxaliplatin 5.000 ppm	>240 min.	5
Paclitaxel 6.000 ppm	>240 min.	5
Pemetrexed 25.000 ppm	>240 min.	5
Retrovir 10.000 ppm	>240 min.	5
Rituxomab 10.000 ppm	>240 min.	5
Thiotepa 10.000 ppm	59,1 min.	2
Toptecan 1.000 ppm	>240 min.	5
Trisenox 1.000 ppm	>240 min.	5
Velcade 1.000 ppm	>240 min.	5
Vinblastine 1.000 ppm	>240 min.	5
Vincristine Sulfate 1.000 ppm	>240 min.	5
Vinorelbine 1.000 ppm	>240 min.	5
Zoledronic 40 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, EN374-3:2003 and ASTM D6978-05

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Art. No.	Product	Size	Palm mm (+/- 4)	Length mm (+/-5)	Quantity Dispenser/carton
1000006803	X-small	5-6	75	240	200/2000
1000006804	Small	6-7	85	240	200/2000
1000006805	Medium	7-8	95	240	200/2000
1000006806	Large	8-9	105	240	200/2000
1000006807	X-Large	9-10	115	240	200/2000