



Nitrile gloves, powder-free

Art. No.
290417-290421



Description

Examination gloves Nitrile (Nitrile Butadiene Rubber)
Powder-free
Non-sterile
Blue
Micro-textured fingertips
With rolled cuff
Produced for Abena A/S, Denmark, in Malaysia under ISO 9001
Can be autoclaved
Approved for food handling

CE

CE-labelled according to EU directive 93/42/EEC
Class I
AQL 1.5 according to the requirements in the harmonised standard EN 455-1

Standards

EN 455-1, 2, 3 & 4
EN 374-2
EN 374-3 – used for chemicals

Physical properties

Force at break	
Before challenge testing	6 Newton
After challenge testing at 70°C for 166 hours	6 Newton
Elongation	
Before challenge testing	min. 460%
After challenge testing at 70°C for 166 hours	min. 460%



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Thickness

Palm	0.08 mm (+/- 0.02)
Fingers	0.10 mm (+/- 0.02)
Cuff	0.06 mm (+/- 0.02)
Weight medium	3,20 gr. (+/- 0,4)

Tests performed

Sensibilisation test
Irritation test
Cytotoxicity
Residual chemicals
Force at break
Microbiology
Penetration
Powder residuals
Virus penetration
Food approval (please see separate food datasheet)
Chemical and cytostatica permeation (see list of results below in this datasheet)

Composition

Chemical	CAS
Nitrile	-
Titanium dioxide	13463-67-7
Zinc oxide	1314-13-2
Sulphur	7704-34-9
ZDBC	136-23-2
Ammonium	1336-21-6
Antioxidant	68610-51-5
Calcium stearate	1592-23-0
Calcium nitrate	10124-37-5
Chlorine	7782-50-5

Chemicals used and the quantity is in compliance with US 21 CFR 177



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Chemical	Permeation time	Class
Acetone	< 1 min.	0
Chlorhexidine 4%	>480 min.	6
Ethanol 35%	20 min.	1
Formaldehyde 35%	61 min.	3
Formalin 10%	>480 min.	6
Glutaraldehyde 1%	>480 min.	6
Glutaraldehyde 4%	>480 min.	6
Hydrogen Peroxide 3%	>480 min.	6
Isopropanole 100%	2 min.	0
Isopropanole 10%	46 min.	3
n-Hexane	<1 min.	0
Natruim Hydroxide 40%	>480 min.	6
Cytostatica		
Carmustine 3.300 ppm	>480 min.	6
Cisplatin 1.000 ppm	>480 min.	6
Cyclophosphamide 20.000 ppm	>480 min.	6
Dacarbazine 10.000 ppm	>480 min.	6
Doxorubicin Hydrochloride 2.000 ppm	>480 min.	6
Etoposide 20.000 ppm	>480 min.	6
Flourouracil – 50.000 ppm	>480 min.	6
Methotrexate 25.000 ppm	>480 min.	6
Mitomycin C 500 ppm	>480 min.	6
Paclitaxel (taxol) 6.000 ppm	>480 min.	6
Thio-Tepa 10.000 ppm	>480 min.	6
Vincristine sulfate 1.000 ppm	>480 min.	6
Test Method used EN 374-3		

Art. no.	Product	Size	Palm mm (+/- 4)	Length mm (+/-5)	Cartons per pallet	Quantity Dispenser/carton
290417	X-small	5-6	76	240	54	100/1000
290418	Small	6-7	86	240	54	100/1000
290419	Medium	7-8	98	240	54	100/1000
290420	Large	8-9	107	240	54	100/1000
290421	X-Large	9-10	115	240	54	100/1000



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