

## Midnight Violet 3.5g Nitrile Powder Free Examination Glove



### Nitrile Powder Free Examination Glove (ASTM & EN)

#### Product Specification

Product Code	N035MNV-OC-24FT
Product Type	Non-Sterile, Powder-Free, Nitrile, Ambidextrous, Examination Glove
Color	Midnight Violet
Intended Use	Medical use - for medical examinations and procedures to help prevent contamination between healthcare workers and patients.
Product Conformance	This product meets the current version of ASTM D6319, EN 455-1,2,3 and 4, and Customer Requirements / Category III - PPE (EU 2016/425) / EN ISO 21420:2020 / EN ISO 374 / Food Contact : UNI EN1186, EN13130. This product is also manufactured in accordance with a quality management system that conforms to ISO 9001 and ISO 13485.
Material	Nitrile Butadiene Rubber
Cuff Finishing	Beaded
Surface Finishing	Finger Textured
Other Requirements	Other requirements, including labelling and packaging, is subject to customer and market regulatory requirements and is specified in the Customer Product Sheet.
Certificate of Release	A Certificate of Release is available upon request to ensure all products confirm to specification.

#### Resistance to Chemical Permeation

Tested Chemical	Permeation Level EN 16523-1: 2015+ A1: 2018	Mean Degradation EN ISO 374-4: 2019	CAS Number
J n-Heptane	6	52	142-82-5
K Sodium Hydroxide 40%	6	- 21.7	1310-73-2
P Hydrogen Peroxide 30%	5	43	7722-84-1
T Formaldehyde 37%	5	32.8	50-00-0

Permeation Level	1	2	3	4	5	6
Breakthrough time (min)	>10	>30	>60	>120	>240	>480

Test acc. to EN ISO 374-5:2016  
Protection against Bacteria and Fungi: Pass  
Protection against Viruses: Pass

Test acc. to EN ISO 374-2: 2014  
Specified: Level 2 (AQL<1.5)

Level	AQL
3	< 0,65
2	< 1,5
1	< 4,0

Requirement: PAH content per EN ISO 21420:2020	< 0.2 mg/kg (of each PAH listed in the appendices)	Pass
Requirement: REACH 1907/2006 annex XVII entry number 50	< 0.01% (w/w) of each SVHC Candidate List	Pass

#### Physical Dimension

Size	XS	S	M	L	XL
Palm Width (mm)	75 ± 5	85 ± 5	95 ± 5	105 ± 5	115 ± 5
Length (mm) (min.)	240 mm				
Weight (g)	3.5 ± 0.3g				
Location of Thickness Measurement	Single Wall (mm)				
~ Cuff (25 ± 5 mm from cuff edge)	≥ 0.05				
~ Palm (33 ± 5 mm from crotch)	≥ 0.05				
~ Finger (13 ± 3 mm from fingertip)	≥ 0.07				

#### Physical Properties

Criteria	Before Aging	After Aging
Tensile Strength (MPa) (min.)	14	14
Elongation (%) (min.)	500	400
Force at Break (N) (Median)	6	6

#### Pre-shipment Inspection

Characteristic	Dimension	Physical Properties	Freedom from Holes	Visual Defects	
				Major	Minor
Inspection Level	S2	S2	G1	G1	G1
AQL	4.0	4.0	1.5	2.5	4.0

#### Resistance to Permeation by Chemotherapy Drugs

Chemotherapy Drug Tested	Minimum Breakthrough Time (min)
Fentanyl Citrate Injection, 100 mcg/2 ml	>240
Simulated Gastric Acid	>240
Fentanyl Citrate in Gastric Acid, 50/50 ratio	>240
Carboplatin, 10 mg/ml	>240
Carmustine 3.3 mg/ml	23.2
Cisplatin, 1 mg/ml	>240
Cyclophosphamide 20 mg/ml	>240
Dacarbazine, 10 mg/ml	>240
Docetaxel, 10 mg/ml	>240
Doxorubicin HCl, 2 mg/ml	>240
Etoposide, 20 mg/ml	>240
Fluorouracil, 50 mg/ml	>240
Gemcitabine, 38 mg/ml	>240
Ifosfamide, 50 mg/ml	>240
Paclitaxel, 6 mg/ml	>240
Thiotepa, 10 mg/ml	67.0
Vincristine Sulfate, 1 mg/ml	>240

This product has been tested in accordance with ASTM D6978-05(2019) and achieved the performance level as above. Before use, check suitability for the intended use due to the conditions may differ depending on temperature, abrasion and degradation.

