



gloveon

Vigor LC

Nitrile Exam Gloves Powder Free, Long Cuff

Longer in cuff length, GloveOn® Vigor LC is designed for its robustness and hardness to get the tough jobs done. The vibrant choice of orange highlights Vigor LC's uniqueness and suitability for industrial and hospitality markets.



Tested in accordance with EN ISO 374-5:2016
Resistance to Bacteria and Fungi - pass
Resistance to Viruses - pass

Protection against particulate radioactive contamination (Excluding Clause 4.3)

Physical Dimensions		
Length (mm)	≥ 280	
Palm Thickness (mm)	0.13 ± 0.02	
Finger Thickness (mm)	0.17 ± 0.02	
Physical Properties		
	Before Ageing	After Ageing
Tensile Strength (MPa)	≥ 18	≥ 16
Elongation (%)	≥ 500	≥ 500
Elongation after Isopropanol immersion (%)	≥ 500	N/A
Inspection Levels & AQL		
	Inspection Level	AQL
Watertightness	G1	1.5
Physical Dimensions	S2	4.0
Tensile Strength	S2	4.0
Visual Inspection (Major)	S4	2.5
Visual Inspection (Minor)	S4	4.0
Particulate Residue	N = 5	≤ 2mg/glove

REORDER CODE

NTR27SS	SMALL
NTR27MM	MEDIUM
NTR27LL	LARGE
NTR27XL	X-LARGE

FEATURES

- Fingertip textured • Powder free
- Not made with natural rubber latex
- Chemo drugs tested
- UL certified to meet NFPA 1999
- Ambidextrous • Extended cuff
- Orange colour

PACKAGING

100 gloves per box for S to XL
10 boxes per carton

REGULATORY COMPLIANCE

ARTG 164563, FDA 510(k),
MDD 93/42/EEC, REACH,
ROHS Directive 2002/95/EC,
EU 10/2011, EU 2016/425

STANDARDS

ASTM D6319, ASTM D5151, ASTM D6124,
ASTM D6978, EN ISO 374-1 (Type B),
EN 16523-1, EN 374 part 2, 4 & 5,
EN 420, EN 455 part 1, 2, 3 & 4,
ISO 10993 part 5 & 10, ISO 11193-1

MANUFACTURING ACCREDITATIONS

ISO 9001, ISO 13485, EN ISO 13485

Chemotherapy Drugs and Concentration
(Tested for Resistance to Permeation by Chemotherapy
Drugs as per ASTM D6978-05 Test Report PN 118903)

Minimum Breakthrough
Detection Time (minutes)

Carmustine (BCNU), 3.3mg/ml (3,300 ppm)	45.4 minutes
Cisplatin, 1.0mg/ml (1,000 ppm)	>240 minutes
Cyclophosphamide (Cytoxan), 20.0mg/ml (20,000 ppm)	>240 minutes
Dacarbazine (DTIC), 10.0mg/ml (10,000 ppm)	>240 minutes
Doxorubicin Hydrochloride, 2.0mg/ml (2,000 ppm)	>240 minutes
Etoposide (Toposar), 20.0mg/ml (20,000 ppm)	>240 minutes
Fluorouracil, 50.0mg/ml (50,000 ppm)	>240 minutes
Methotrexate, 25.0mg/ml (25,000 ppm)	>240 minutes
Mitomycin C, 0.5mg/ml (500 ppm)	>240 minutes
Paclitaxel (Taxol), 6.0mg/ml (6,000 ppm)	>240 minutes
Thiotepa, 10.0mg/ml (10,000 ppm)	30.9 minutes
Vincristine Sulfate, 1.0mg/ml (1,000 ppm)	>240 minutes

WARNING: Carmustine and Thiotepa, at the tested concentration, degraded Vigor LC nitrile glove at 45.4 minutes and 30.9 minutes, respectively. The safe use of gloves in chemotherapy treatment is solely the decision of clinicians authorised to make such decision.

Measured breakthrough time (minutes)	>10	>30	>60	>120	>240	>480
Permeation performance level	1	2	3	4	5	6

Chemical	EN 16523-1:2015 Permeation Level	EN 374-4:2013 Mean Degradation (%)
J n-Heptane	3	33.9
K 40% Sodium Hydroxide	6	-19.9
P 30% Hydrogen Peroxide	2	34.5
T 37% Formaldehyde	6	-11.0

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