



# 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.



Physical Dimensions		
Length (mm)	290 ± 10	
Palm Thickness (Centre of Palm) (mm)	0.13 ± 0.02	
Finger Thickness (13mm ± 3mm from tip) (mm)	0.17 ± 0.02	
Physical Properties		
	Before Ageing	After Ageing
Tensile Strength (MPa)	≥ 18	≥ 16
Elongation (%)	≥ 500	≥ 400
Performance Requirements		
	Inspection Level	AQL
Watertightness	G1	1.5
Physical Dimensions	S2	4.0
Physical Properties	S2	4.0
Visual Inspection (Major)	S4	2.5
Visual Inspection (Minor)	S4	4.0
Particulate Residue	N = 5	≤ 2mg/glove

#### REORDER CODE

VGR611SS	SMALL
VGR611MM	MEDIUM
VGR611LL	LARGE
VGR611XL	X-LARGE

#### FEATURES

- Fingertip textured • Powder free
- Not made with natural rubber latex
- Chemo drugs tested • Lab chemical tested
- Ambidextrous • Long cuff • Orange colour

#### PACKAGING

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

#### REGULATORY COMPLIANCE

ARTG 407779, FDA 510(k), REACH, MDR 2017/745, EC 1935/2004, RoHS Directive 2011/65/EU, EU 10/2011, EU 2016/425

#### STANDARDS

ASTM D6319, ASTM D5151, ASTM D6124, ASTM D6978, ASTM F1671, EN 16523-1, EN ISO 21420, EN 421 (excluding Clause 4.3), EN ISO 374 part 1 (Type B), 2, 4 & 5, EN 13130, EN 455 part 1, 2, 3 & 4, EN 1186, ISO 11193-1, ISO 10993 part 5 & 10, CEN/TS 14234, HACCP International Certified

#### 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 - Test Report PN 118903 & PN 169211A)	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), 20.00mg/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
Mycophenolate Mofetil, 6.0mg/ml (6,000 ppm)	>240 minutes
Paclitaxel (Taxol), 6.0mg/ml (6,000 ppm)	>240 minutes
Tacrolimus, 5.0mg/ml (5,000 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.

Chemical	EN 16523-1 Permeation Level	EN ISO 374-4 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

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

Product disclaimer - <https://munglobal.com/product-disclaimer/>

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