

# gloveon Hammer

## Nitrile Exam Gloves Powder Free, Standard Cuff



GloveOn® Hammer is the nitrile glove designed for the tough jobs that demand high tensile strength, elongation and a definitive colour. These gloves are suitable for security guards, tattoo artists, beauty stylists, motor mechanics, cleaners and general maintenance professionals.



### REORDER CODE

HMR411XS	X-SMALL
HMR411SS	SMALL
HMR411MM	MEDIUM
HMR411LL	LARGE
HMR411XL	X-LARGE

### FEATURES

- Fingertip textured
- Powder free
- Not made with natural rubber latex
- Chemo drugs tested
- Lab chemical tested
- Ambidextrous
- Standard cuff
- Black colour

### PACKAGING

100 gloves per box for XS to L  
90 gloves per box for XL  
10 boxes per carton

### REGULATORY COMPLIANCE

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

### STANDARDS

ASTM D6319, ASTM D6124, ASTM D5151, ASTM F1671, ASTM D6978, CEN/TS 14234, EN ISO 374 part 1 (Type B) & 5, EN 1186, EN 374 part 2 & 4, EN 455 part 1, 2, 3 & 4, EN 13130, EN 16523-1, EN 420, EN 421 (excluding Clause 4.3), HACCP International Certified, ISO 10993 part 5 & 10

### MANUFACTURING ACCREDITATIONS

ISO 9001, ISO 13485, EN ISO 13485

Physical Dimensions		
Length (mm)	≥ 230	
Palm Thickness (Centre of Palm) (mm)	0.07 ± 0.02	
Finger Thickness (13mm ± 3mm from tip) (mm)	0.10 ± 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

Chemotherapy Drugs and Concentration  
(Tested for Resistance to Permeation by Chemotherapy  
Drugs as per ASTM D6978 - Test Report PN 148358B)

Minimum Breakthrough  
Detection Time (minutes)

Carmustine (BCNU), 3.3mg/ml (3,300 ppm)	25.0 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)	55.7 Minutes
Vincristine Sulfate, 1.0mg/ml (1,000 ppm)	>240 minutes

\*For the full list of chemotherapy drugs, kindly refer to the test report. Test report available on request.

**WARNING:** Carmustine and Thiotepa, at the tested concentration, degraded Hammer nitrile glove at 25.0 minutes and 55.7 minutes, respectively. The safe use of gloves in chemotherapy treatment is solely the decision of clinicians authorised to make such a decision.

Chemical	EN 16523-1 Permeation Level	EN 374-4 Mean Degradation (%)
K 40% Sodium Hydroxide	6	-25.7
P 30% Hydrogen Peroxide	2	44.8
T 37% Formaldehyde	5	-17.1

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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