



# gloveon COATS

Colloidal Oatmeal System

## Biodegradable Nitrile Exam Gloves Powder Free, Standard Cuff

GloveOn® COATS® Biodegradable glove utilises the powerful benefits of colloidal oatmeal—a U.S. FDA-recognised skin protectant. The all-natural skin-nourishing ingredient strengthens the skin barrier and locks in moisture to prevent skin irritation and discomfort experienced with wearing regular gloves. Additionally, GloveOn COATS Biodegradable glove contributes to environmental sustainability by accelerating biodegradation when exposed to landfill conditions, helping users protect and moisturise their hands while making an eco-conscious choice.



Physical Dimensions		
Length (mm)	≥ 230	
Palm Thickness (Centre of Palm) (mm)	0.07 ± 0.02	
Finger Thickness (13mm ± 3mm from tip) (mm)	0.09 ± 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
Colloidal Oatmeal Content	N = 5	≥ 5mg/glove

### REORDER CODE

CBD721XS	X-SMALL
CBD721SS	SMALL
CBD721MM	MEDIUM
CBD721LL	LARGE
CBD721XL	X-LARGE

### FEATURES

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

### PACKAGING

200 gloves per box for XS to L  
180 gloves per box for XL  
10 boxes per carton

### REGULATORY COMPLIANCE

ARTG 407779, REACH, EU 10/2011,  
EU 2016/425, EC 1935/2004,  
MDR (EU) 2017/745

### STANDARDS

ASTM D6319, ASTM D5511, ASTM D5526,  
ASTM D5151, ASTM F1671, ASTM D6978,  
CEN/TS 14234, EN ISO 21420, EN 16523-1,  
EN 1186, EN 13130, EN 455 part 1, 2, 3 & 4,  
EN ISO 374 part 1 (Type C), 2, 4 & 5,  
HACCP International Certified,  
ISO 10993 part 5, 10, 11 & 23

### PATENTS

PCT/MY2023/050076, US 7718240 B2,  
US 8075965 B2, US 8458818 B2,  
US 7691436 B2, US 7740622 B2

### 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 167126A)	Minimum Breakthrough Detection Time (minutes)
Carmustine (BCNU), 3.3mg/ml (3,300 ppm)	20.7 minutes
Cisplatin, 1.0mg/ml (1,000 ppm)	>240 minutes
Cyclophosphamide (Cytosan), 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)	58.2 minutes
Vincristine Sulfate, 1.0mg/ml (1,000 ppm)	>240 minutes

**WARNING:** Carmustine and Thiotepa, at the tested concentration, degraded COATS Biodegradable nitrile glove at 20.7 minutes and 58.2 minutes, respectively. The safe use of gloves in chemotherapy treatment is solely the decision of clinicians authorised to make such decision.

Chemical	EN ISO 374-1 Permeation Level	EN ISO 374-4 Mean Degradation (%)
K 40% Sodium Hydroxide	6	-25.2
P 30% Hydrogen Peroxide	1	6.5
T 37% Formaldehyde	5	17.9

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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