gloveon COATS®

Colloidal Oatmeal System

Biodegradable Nitrile Exam Gloves Powder Free, Long Cuff

GloveOn® COATS® Biodegradable LC 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. Designed with a long cuff, it provides extended protection. Additionally, GloveOn COATS Biodegradable LC 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.

NON STERILE · LATEX · 2 · GLUTEN FREE · EXCELLENT · EN ISO 374-1/Type C · EN ISO 374-5 VIRUS

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

Physical Dimensions	
Length (mm)	290 ± 10
Palm Thickness (Centre of Palm) (mm)	0.09 ± 0.02
Finger Thickness (13mm ± 3mm from tip) (mm)	0.14 ± 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

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 (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
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 LC 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.

REORDER CODE

CBL711XS	X-SMALL
CBL711SS	SMALL
CBL711MM	MEDIUM
CBL711LL	LARGE
CBL711XL	X-LARGE
CBL711XXL	2X-LARGE

FEATURES

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

PACKAGING

100 gloves per box for XS to XL
80 gloves per box for XXL
10 boxes per carton

REGULATORY COMPLIANCE

ARTG 407779, EU 10/2011, EU 2016/425, ROHS Directive 2011/65/EU, EC 1935/2004, EC 1935/2004, MDR (EU) 2017/745

STANDARDS

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

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

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/