gloveon COATS®

Colloidal Oatmeal System

Nitrile Exam Gloves Powder Free, Standard Cuff

GloveOn® COATS® (colloidal oatmeal system) is a patented and unique nitrile glove technology, which contains an FDA-recognised skin protectant. These utilise the powerful benefits of all-natural oats as a coating that forms a natural, moisturising barrier between the glove and skin. This acts as a preventative measure against skin irritation and hydration dermatitis. Therefore, users who suffer from dry and itchy skin can now use GloveOn® COATS® to protect their hands while they work.

NON STERILE | LATEX | 2 | EN ISO 374-1/Type C | EN ISO 374-5: Tested in accordance with EN ISO 374-5 Resistance to Bacteria and Fungi - pass Resistance to Viruses - pass (VIRUS) | EN 421: Protection against particulate radioactive contamination (Excluding Clause 4.3)

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

Chemotherapy Drugs and Concentration (Tested for Resistance to Permeation by Chemotherapy Drugs as per ASTM D6978 - Test Report PN 157625)	Minimum Breakthrough Detection Time (minutes)
Carmustine (BCNU), 3.3mg/ml (3,300 ppm)	24.1 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)	25.2 minutes
Vincristine Sulfate, 1.0mg/ml (1,000 ppm)	>240 minutes

WARNING: Carmustine and Thiotepa, at the tested concentration, degraded COATS nitrile glove at 24.1 minutes and 25.2 minutes, respectively. The safe use of gloves in chemotherapy treatment is solely the decision of clinicians authorised to make such decision.

REORDER CODE & PACKAGING

Regular Pack:
CTS121XS (XS), CTS121SS (S), CTS121MM (M), CTS121LL (L) & CTS121XL (XL)
- 200 gloves per box (XS to L)
- 180 gloves per box (XL)
- 10 boxes per carton

Handy Pack:
CTS157SS (S), CTS157MM (M) & CTS157LL (L)
- 50 gloves per box
- 40 boxes per carton

FEATURES

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

REGULATORY COMPLIANCE

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

STANDARDS

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

PATENTS

Patent US7691436B2, Patent US7740622B2, Patent US8458818B2, Patent US 7718240 B2, Patent US 8075965 B2

MANUFACTURING ACCREDITATIONS

ISO 9001, ISO 13485, EN ISO 13485

Chemical	EN 16523-1 Permeation Level	EN ISO 374-4 Mean Degradation (%)
K 40% Sodium Hydroxide	6	-67.8
P 30% Hydrogen Peroxide	1	-3.3
T 37% Formaldehyde	4	-27.8

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/