gloveen COATS®

Colloidal Oatmeal System

Nitrile Exam Gloves
Powder Free, Standard Cuff

COATS® (an acronym for colloidal oatmeal system) is a patented and unique nitrile glove technology. COATS® utilises the powerful benefits of all-natural oats, an FDA-recognised skin protectant, as a coating that forms a natural, moisturising barrier between the glove and skin. This acts as a preventative measure against skin irritation, and eliminates many of the uncomfortable and irritating conditions experienced when wearing normal gloves. Users who suffer from dry and itchy skin due to constant hand washing and glove usage can now rely on COATS® to soothe and nurture the skin, and protect their hands while they work.

NON STERILE · LATEX · 2 · CE · MD · EN ISO 374-1:2016/Type C · EN ISO 374-5:2016 Tested in accordance with EN ISO 374-5:2016 Resistance to Bacteria and Fungi - pass Resistance to Viruses - pass

Median Length (mm)		
	Min 240	
Median Thickness Measurements (mm)		
Palm (centre of Palm)	0.07 ± 0.02	
Finger (13mm ± 3mm from tip)	0.09 ± 0.02	
Physical Properties	**Before Ageing**	**After Ageing**
Median Force at Break (N)	≥ 6	≥ 6
Inspection Levels & AQL	**Inspection Level**	**AQL**
Watertightness	G1	1.5
Physical Dimensions	N = 13	Median value obtained must comply
Physical Properties	N = 13	Median value obtained must comply
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 D6978-05 Test Report PN134889A)	Minimum Breakthrough Detection Time (minutes)
Carmustine (BCNU), 3.3mg/ml (3,300 ppm)	21.9 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)	36.0 minutes
Vincristine Sulfate, 1.0mg/ml (1,000 ppm)	>240 minutes

WARNING: Carmustine and Thiotepa, at the tested concentration, degraded COATS nitrile glove at 21.9 minutes and 36.0 minutes, respectively. The safe use of gloves in chemotherapy treatment is solely the decision of clinicians authorised to make such a decision.

FEATURES

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

PACKAGING

200 gloves per box (XS-L)
180 gloves per box (XL)
10 boxes per carton

REGULATORY COMPLIANCE

ARTG 164563, FDA 510(k), EU 2016/425, REACH, EU 10/2011, EC 1935/2004, MDR (EU) 2017/745

STANDARDS

ASTM D6319, ASTM D6124, ASTM D5151, ASTM F1671, ASTM D6978, CEN/TS 14234, EN 455 part 1, 2, 3 & 4, EN 1186, EN 13130, EN ISO 374-1 (Type C), EN 16523-1, EN 420, EN 374 part 2, 3, 4 & 5, ISO 10993 part 5 & 10

PATENTS

Patent 7,691,436; Patent 7,718,240; Patent 7,740,622; Patent 8,075,965; Patent 8,458,818

MANUFACTURING ACCREDITATIONS

ISO 9001, ISO 13485, EN ISO 13485

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

Chemical	EN 16523-1:2015 Permeation Level	EN 374-4:2013 Mean Degradation (%)
K 40% Sodium Hydroxide	6	-0.7
T 37% Formaldehyde	4	21.1