

EcoSafe Biodegradable

Nitrile Medical Examination Gloves

Application























Medical

Dental

Aged Care Industrial

Life Science

Chemical

Food Processing

Automotive

Analytical testing

Hair & Beauty Tattooist

A.R. Medicom (Australia) Pty Limited



EcoSafe Biodegradable

Nitrile Medical Examination Gloves

Product Code	
GN131171A	Extra Small
GN131171B	Small
GN131171C	Medium
GN131171D	Large
GN131171E	Extra Large

Packaging

10 boxes x 100 pcs

Length: ≥ 230 mm

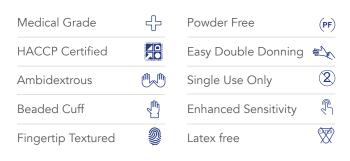
Shelf Life: 3 years





Biodegradable

Key Features and Benefits



Compliance

EN455 **FDA** TGA **HACCP**

Tested with

ASTM5511 ASTM5526 ASTM6978 EN16523



Made of non-oxidizing biodegradable nitrile, which reduces the production of small plastic particles (micro-plastics) that may remain in the environment after decomposition.



Tested according to ASTM D5511 standards and have achieved over 80% biodegradation within 490 days and the test condition.



Tested according to ASTM D5526 standards and have achieved biodegradation under conditions that are closer to real landfill environments.



Met the food contact safety standards set by the US FDA.



Tested against ASTM D6978-05 Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs.

Chemotherapy Drugs and Concentration (Tested for Resistance

Minimum Breakthrough Detection Time (minutes) to Permeation by Chemotherapy Drugs as per ASTM D6978-05)

Cisplatin, 1.0mg/ml (1,000 ppm)

Cyclophosphamide (Cytoxan), 20.0mg/ml (20,000 ppm)

Dacarbazine (DTIC), 10.0mg/ml (10,000 ppm)

Doxorubicin Hydrochloride, 2.0mg/ml (2,000 ppm)

Etoposide (Toposar), 20.0 mg/ml (20,000 ppm)

Fluorouracil, 50.0mg/ml (50,000 ppm)

Methotrexate, 25 mg/ml, (25,000 ppm)

Mitomycin C, 0.5 mg/ml (500 ppm)

Paclitaxel (Taxol), 6.0 mg/ml (6,000 ppm)

Vincristine Sulfate, 1.0 mg/ml (1,000 ppm)

No breakthrough up to 240 min.

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No breakthrough up to 240 min.

No breakthrough up to 240 min. No breakthrough up to 240 min.

No breakthrough up to 240 min.

No breakthrough up to 240 min.

Chemotherapy Breakthrough Detection Times for Specific Drugs and Concentrations:

- Carmustine (BCNU), 3.3mg/ml: Breakthrough detected in 20 minutes.
- Thiotepa, 10.0 mg/ml: Breakthrough detected in 60 minutes.

No breakthrough up to 240 min. No breakthrough up to 240 min. No breakthrough up to 240 min.

Due to the variety and concentration of chemotherapy drugs used in different treatments, the table shown above does not warrant or imply the safe use of the glove against these chemotherapy drugs resistance in all applications. The safe use of gloves in chemotherapy treatment is solely the decision of the authorised to make such decision