



**EMPOWER
YOUR ECO-JOURNEY
WITH MEDICOM**

EcoSafe Biodegradable Nitrile Medical Examination Gloves

Application



Medical



Dental



Aged
Care



Industrial



Life
Science



Chemical



Food
Processing



Automotive



Analytical
testing



Hair &
Beauty



Tattooist

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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

Medical Grade		Powder Free	
HACCP Certified		Easy Double Donning	
Ambidextrous		Single Use Only	
Beaded Cuff		Enhanced Sensitivity	
Fingertip Textured		Latex free	

Compliance

EN455 FDA TGA HACCP

Tested with

ASTM5511 ASTM5526 ASTM6978 EN16523



Made of non-oxidizing biodegradable nitrile, which engineered to break down efficiently without leaving behind persistent plastic residues.



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 and HACCP Australia.



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 to Permeation by Chemotherapy Drugs as per ASTM D6978-05)

Minimum Breakthrough Detection Time (minutes)

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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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.

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.

What's Happening to Our World?

Annually, our planet becomes home to about **2.01 billion tons** of municipal solid waste.



Capacity equivalent to **approx. 800,000** Olympic-sized swimming pools

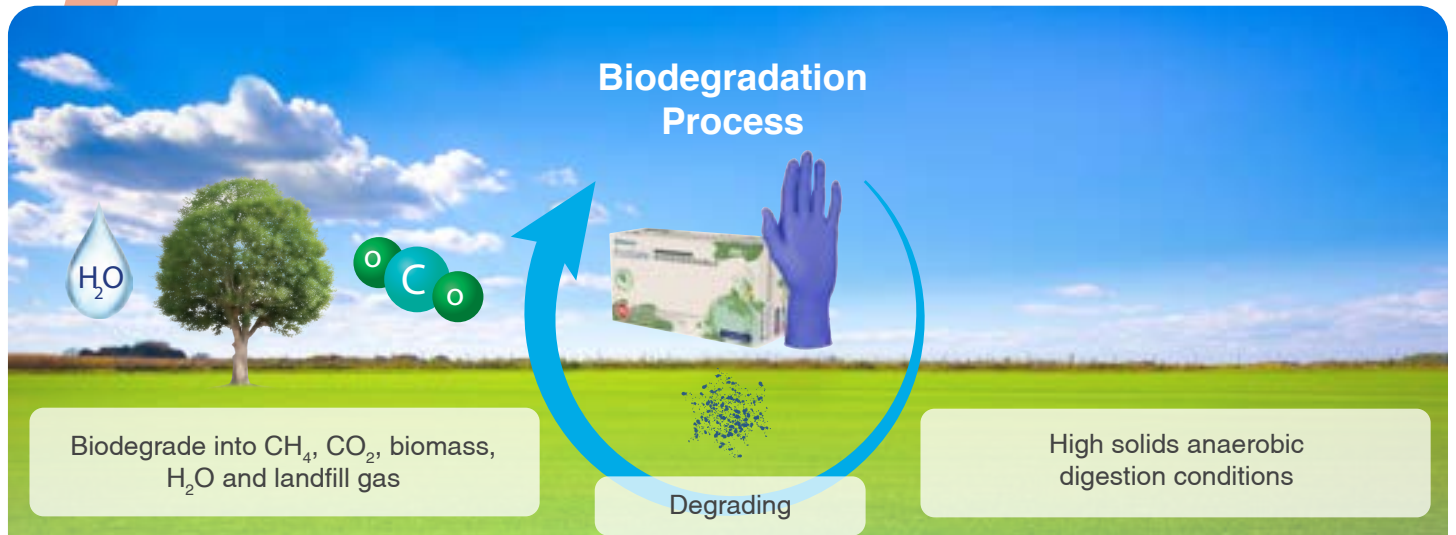


Without urgent action, global waste will **increase by 70%** on current levels by 2050, jumping to **3.4 billion tons** of waste



Your Choice to Change the World

Biodegradation Process



- One of the main mechanisms for long-term waste disposal is landfilling.
- Landfilling is the most common waste management method globally, accounting for 36.7% of total waste disposal.
- According to the United Nations report, it takes 400 years for an ordinary plastic bottle to be completely decomposed.
- Nitrile is a synthetic rubber commonly used in the glove industry and is generally considered non-biodegradable.
- Biodegradation is the process of breaking down organic material into its constituent elements or new compounds (by microorganisms).
- ASTM D5511 and ASTM D5526 are both environmental certifications to ensure effective biodegradability.

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