



Innovate

## **Eco Best Technology–Protection and Preservation in One**

Brought To You by SHOWA | Nov 01, 2021

SHOWA has developed the world's first biodegradable nitrile glove with a technology that disrupts the current waste cycle to make it better for our planet.

The Eco Best Technology® (EBT) organic additive is added to each glove, allowing it to decompose within 1 to 5 years in active landfills as opposed to non-EBT products which take more than 100 years.

**ECO BEST TECHNOLOGY**  
**BIODEGRADABLE**

## PROTECTION AND PRESERVATION IN ONE

Sustainability isn't just a commitment - it's part of SHOWA's legacy.  
Our revolutionary Eco Best Technology (EBT) is the innovation that gave rise to the world's first biodegradable nitrile glove. EBT uses organic materials that accelerate the biodegradation of nitrile in active landfills.

**BIODEGRADABLE IN 1-5 YEARS**

**REDUCED ENVIRONMENTAL IMPACT**

TESTED **ASTM D5526** **ASTM D5511**

REGULAR NITRILE: 100+ YEARS  
SHOWA EBT: 1-5 YEARS  
SAME PERFORMANCE, QUICKER DEGRADATION\*

### BIODEGRADATION PROCESS

EBT Materials → Glove Disposal → Microorganism Decomposition → SHOWA EBT Nitrile (1-5 YEARS) / COMPETITOR Nitrile (100+ YEARS) → NATURAL SOIL MIX / SHOWA Natural Output

### MAKE THE COMPARISON

Paper 2-5 months	Orange or Banana peels 2-6 months	Cotton T-shirt 6 months	SHOWA EBT nitrile gloves 1-5 years	Plastic-coated paper cartons 5 years
Leather glove 50 years	Tin cans 80-100 years	Irradiational disposable nitrile gloves 100+ years	Plastic bags 500+ years	Glass bottle 4000+ years

A downloadable PDF of the above infographic can be found [here](#).

Previously Featured on SHOWA's website.

For more information on SHOW products visit [mscdirect.com](http://mscdirect.com).

