

reflexx[®]

I N S A F E H A N D S

OUR GREEN REVOLUTION



Reflexx takes care of the environment

*“The disposable glove is an essential device for **safety and prevention**, as well as an indicator of progress. A **consumption increase between 5% and 10% is estimated** for the next few years and nitrile gloves will drive this growth.*

*Gloves contaminated by biological and/or chemical agents are disposed of as special waste (incinerated) while in the absence of contamination they are disposed of as unsorted waste in waste-to-energy plants or landfills. Specifically **to reduce the huge volume of waste in landfills, a technology has been designed that accelerates its biodegradation** compared to common nitrile gloves, helping to actively reduce the volume of waste. A small contribution to the problem of global waste management, but still a step towards the future.”*

Gianni Isetti

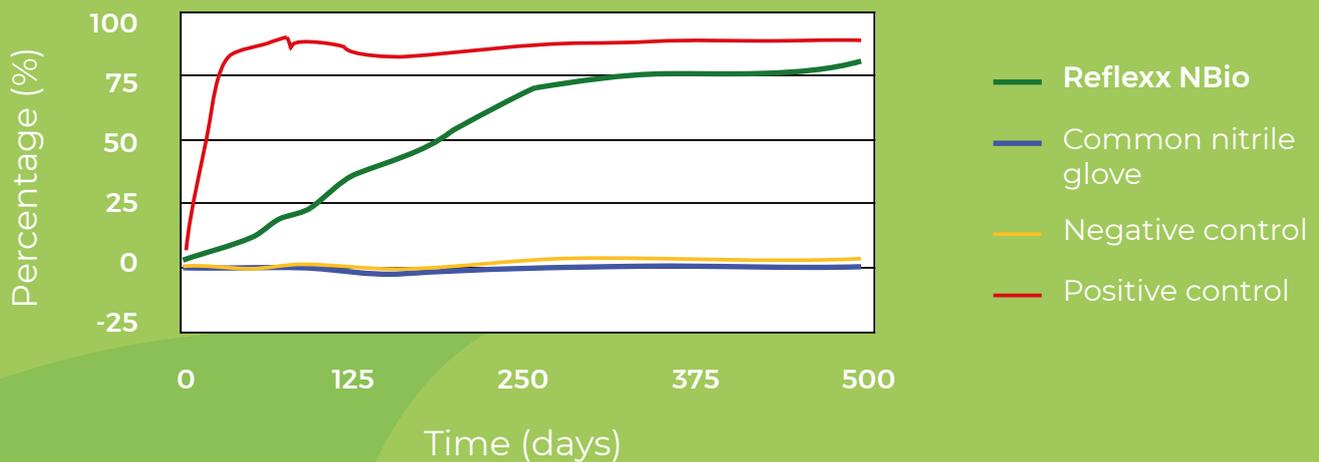
CEO Reflexx S.p.A.

Reflexx NBio vs common nitrile glove:

accelerated biodegradation in test conditions according to ASTM D5511 which reproduce the anaerobic environment typical of biologically active landfills.

Degradation curve

(Laboratory Results According to ASTM Standard D5511)



How does anaerobic biodegradation take place?

Disposal in biologically active landfills



The microorganisms present in the soil release enzymes that break down the polymer chains



Decomposer bacteria digest smaller molecules



Biogas and biomass are generated from the decomposition process



Reflexx NBio is the way!

Same Reflexx quality but better for the planet!

Accelerated biodegradation under test conditions (according to ASTM D5511) which reproduce the typical anaerobic environment of biologically active landfills compared to a common nitrile glove.

Disposable, ambidextrous and 100% latex-free.

Not compostable. See in the back for disposal details.

 Weight: 3.5 g

 Powder free



CODE / SIZE	NBio XS	NBio S	NBio M	NBio L	NBio XL
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FEATURES	
WEIGHT	3.5 g +/- 0.2 (M)
PALM THICKNESS	0.07 mm +/- 0.02
LENGTH	24 cm
COLOUR	Light green
SURFACE	Micro-roughened

FOOD SUITABILITY 	
AQUEOUS	✓
ACID PH <4.5	✗
DAIRY	✗
ALCOHOLIC	✓
OILY, FATTY	✓
DRY FOOD	✓

**NITRILE
ECO-FRIENDLY**



Tested for 30' at 40°

CERTIFICATIONS



 EN ISO 374-1:2016 Type C
 
 EN ISO 374-5:2016
 
 AQL ≤ 1,5
 


 VIRUS

REGULATIONS

REG EU 2016/425
 EN ISO 374-1, EN ISO 374-5
 REG EU 2017/745 | EN 455 1,2,3,4
 DM 21/03/1973 | REG EU 10/2011

ALLERGENS







CHEMICAL FEATURES



USAGE

PACKING





FAQ: Frequently Asked Questions



1. Are the common nitrile gloves biodegradable?

Additive-free nitrile rubber, disposed of in landfills and in the environment, "degrades" over a very long time due to physical and non-biological agents.

2. When is a nitrile glove biodegradable?

The addition of biodegradation additives causes bacteria to decompose the glove faster under anaerobic conditions typical of biologically active landfills.

3. How to dispose of the NBio glove?

*If not destined for special waste (contamination by biological or chemical agents) disposed of by incineration, the Reflexx NBio glove must be disposed of in unsorted/dry waste (unless otherwise indicated by the collection service manager). **Reflexx NBio is not compostable. Do not disperse in the environment.***

4. By which method was biodegradability tested?

According to ASTM D5511 which is a test method for determining the biodegradation of plastic materials under high solids anaerobic digestion conditions.

5. Will Reflexx NBio completely biodegrade?

No, no material completely biodegrades to biogas. However, some inorganic mineral residues and biomass remain.

6. Why choose Reflexx NBio?

*With the same performance and product quality, the faster biodegradation of Reflexx NBio allows to **reduce the volume of gloves** in biologically active landfills. A small but concrete step.*

For further information visit the website!

