

**Gloovy** eco  
gloves



**Facility Trade Group**

## ARE DISPOSABLE GLOVES BAD FOR THE ENVIRONMENT?

Yes. Disposable gloves are unrecyclable and millions end up in our landfills every year. These disposable gloves can take decades to break down. Even gloves made from latex (a natural rubber) take a long time to biodegrade because other chemicals are added to the gloves.

**Conclusion:** Disposable gloves are bad for the environment.

## ARE NITRILE GLOVES ECO-FRIENDLY?

Heck no. Nitrile gloves are unrecyclable and take decades to biodegrade.

<https://clarifygreen.com/do-environmentally-friendly-disposable-gloves-exist/>

**Conclusion**  
The environmental impact of PPE is substantial and requires urgent review to mitigate effects on planetary health.  
<https://journals.sagepub.com/doi/pdf/10.1177/01410768211001583>

An estimated 150 billion pairs of gloves are produced annually, and an estimated 100 billion pairs of gloves are thrown away yearly.

<https://medrux.com/environmentally-friendly-disposable-gloves/>

Carbon emissions accumulate in the atmosphere during the lifecycle of nitrile gloves.

And even though nitrile gloves have the least environmental impact among other disposable gloves, the impact cannot be neglected. (3)

We seek a better, healthier ecosystem, and everyone is now going greener to save our planet from the threats of climate change and the destruction of marine life.

And as the number of recycling facilities is very small, we find ourselves seeking better and more practical solutions.

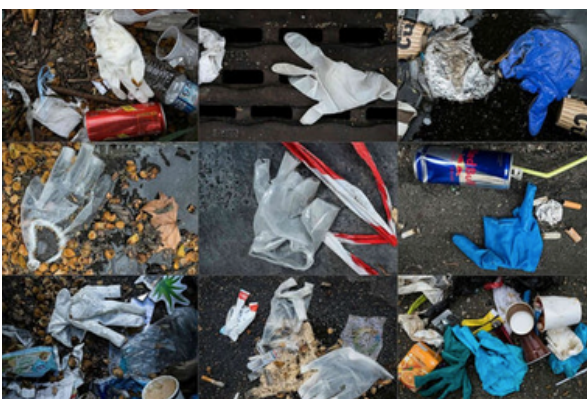
So, we need more environmentally friendly nitrile gloves if we don't want to kill more turtles, sea mammals, and birds.

<https://medrux.com/environmentally-friendly-disposable-gloves/>

## HOW ARE TRADITIONAL NITRILE GLOVES HURTING OUR ENVIRONMENT?

First, large amounts of greenhouse gasses are created during production. Second, the materials used are not sustainable. Third, it creates a large landfill buildup.

<https://ecogloves.co/blogs/news/biodegradable-nitrile-gloves>



# Product Specificaties

## Recyclebaar

Innovative product  
samenstelling



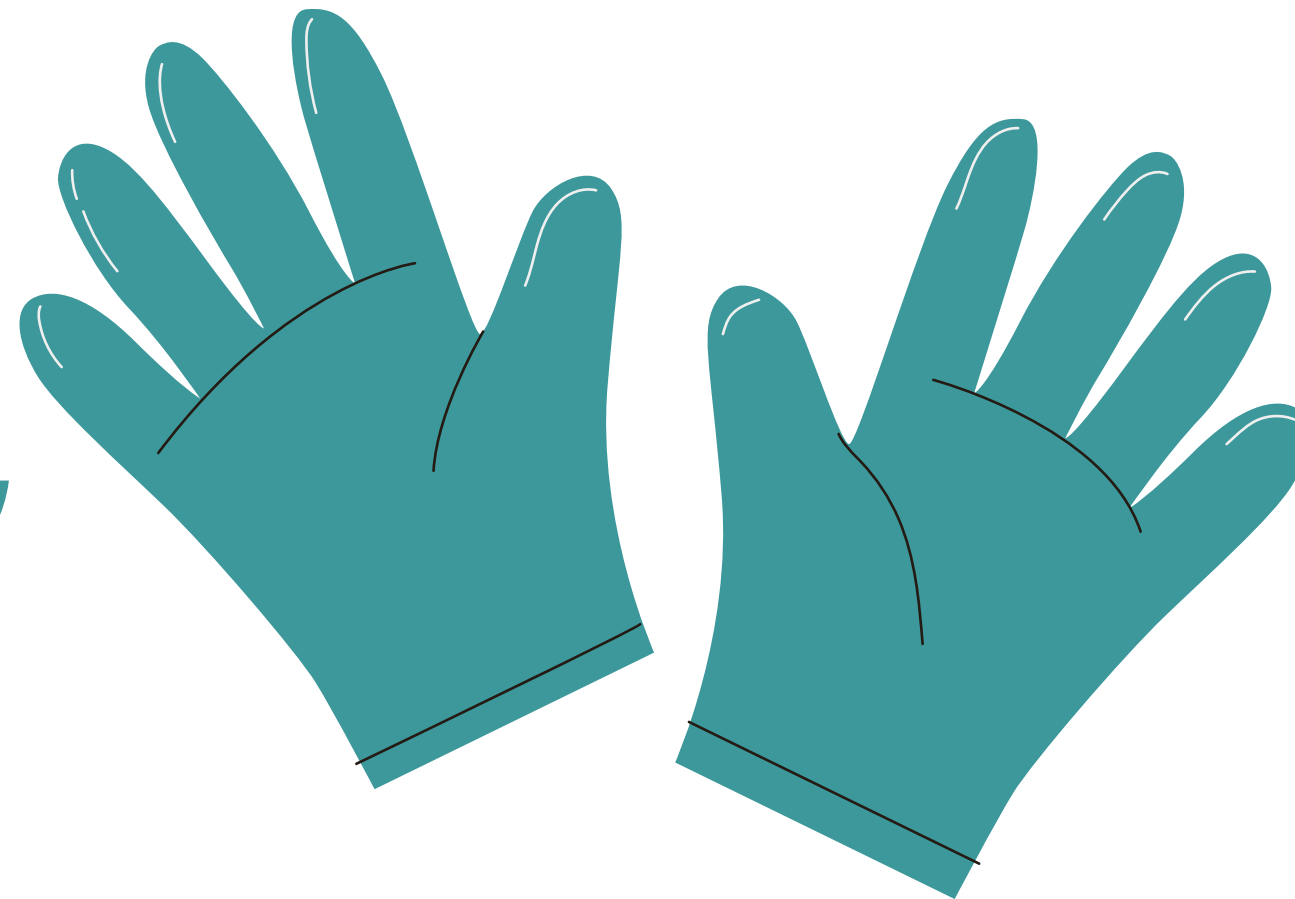
## Hernieuwbare bron

Minder milieu mpact



## Hoge bescherming

Bevat alle noodzakelijke  
certificaten



## Pick Up Service

Volledige circulariteit  
mogelijk dankzij ophaal  
service



## Productie efficiëntie

60% van de handschoen  
worden gemaakt van afval  
van eerder geproduceerde  
handschoenen

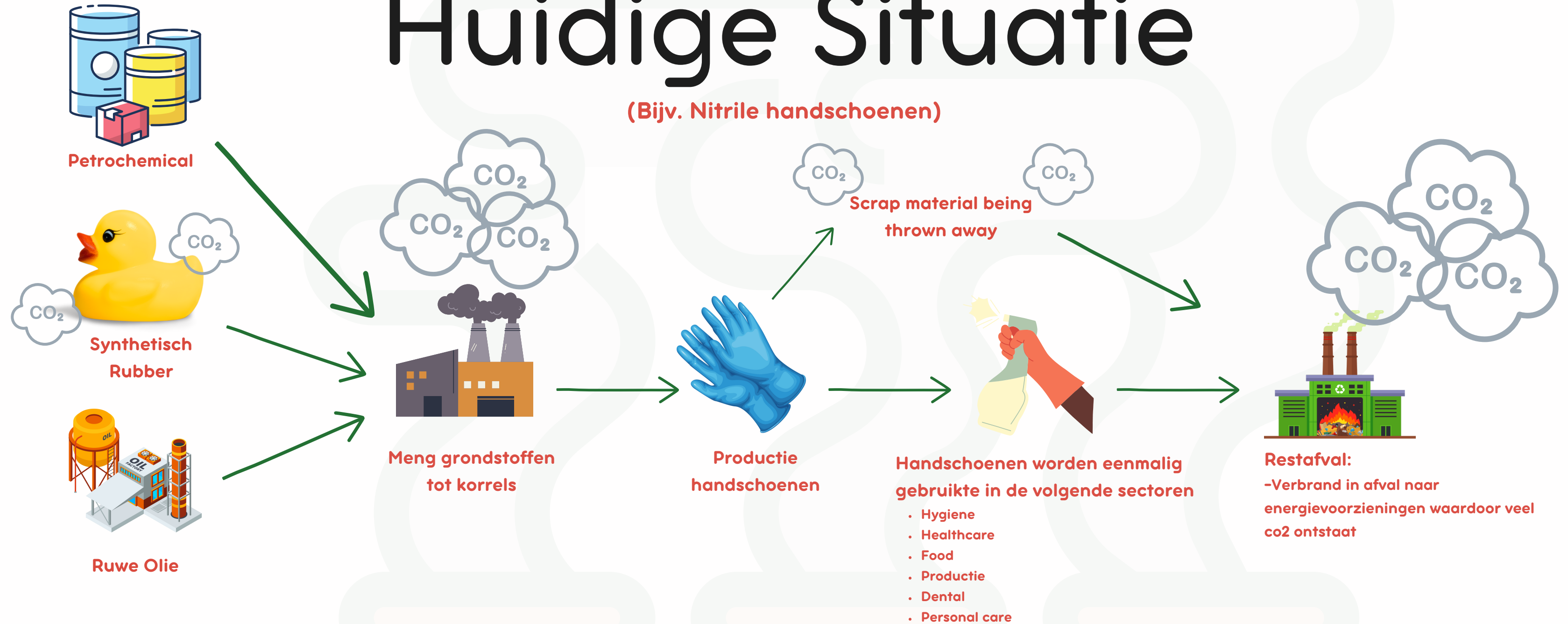


## Competitieve prijsstelling

Wij bieden prijzen vergelijkbaar met  
huidige wergwerphandschoenen

# Huidige Situatie

(Bijv. Nitrile handschoenen)



## NADELEN Huidige handschoenen:

- **Synthetisch rubber:** Geen hernieuwbare bron
- **Niet biologisch afbreekbaar:** Negatief impact op milieu
- **Waste to Energy:** Weggegooid bij het restafval en verbrand
- **Niet hervormbaar:** kan niet in verschillende vormen en producten worden gegoten
- **Niet recyclebaar**

## Co2 Calculatie PER PALLET\*

(2000 x 100 handschoenen)

• Material Acquisition and pre-processing:	4248,20 kg Co2
• Productie Proces:	2151,56 kg Co2
• Distribution Process & Storage	121 kg Co2
• End-of-Life:	2060,98 kg Co2
• General Emissions:	552,56 kg Co2
<b>Totaal per pallet:</b>	<b>9134,32 kg co2</b>

\*berekening op basis van LCA analyse

# EERSTE CIRCULAIRE HANDSCHOENEN OP DE MARKT



## VOORDELEN GLOOVY ECO HANDSCHOENEN:

- **Betere grondstof:** TPE en PE hebben minder impact op het milieu
- **Productie-efficiëntie:** 60% van de handschoen is gemaakt van afval van eerdere batches
- **Recyclebaar:** Veelzijdig materiaal dat in verschillende vormen en producten kan worden gegoten
- **Hoge bescherming:** vergelijkbare bescherming als nitrilhandschoenen (certificaten beschikbaar)



**RECYCLE PROCES**  
door fabriek

Handschoenen worden eenmalig gebruikt in de volgende sectoren

- Hygiene
- Healthcare
- Food
- Productie
- Dental
- Personal care

## Co2 Calculatie PER PALLET\*

(2000 x 100 handschoenen)

• Material Acquisition and pre-processing:	2119,12 kg Co2
• Productie Proces:	28,7 kg Co2
• Distribution Process & Storage	31,92 kg Co2
• Recycle proces:	3,64 kg Co2
• General Emissions:	185,58 kg Co2
<b>Totaal per pallet:</b>	<b>2368,96 kg co2</b>

\*berekening op basis van LCA analyse

# Optie 1: Verbranding na gebruik Gloovy Eco Gloves



## Nitrile Gloves

Emission sources	g CO <sub>2</sub>	%
<b>Material acquisition and pre-processing</b>	<b>1,059.56</b>	<b>50.34</b>
Raw materials	871.24	41.44
Packaging	178.84	8,5
Inbound logistics	9.48	0.4
<b>Production</b>	<b>14.35</b>	<b>0.68</b>
Electricity	14.35	0.68
<b>Distribution and storage</b>	<b>15.96</b>	<b>0.76</b>
Outbound logistics	15.96	0.76
<b>End-of-life</b>	<b>920</b>	<b>43.8</b>
End-of-life	920	43.8
<b>Non-attributable processes</b>	<b>92.79</b>	<b>4.42</b>
General emissions	92.79	4.42
<b>Overall results</b>	<b>2,102.66</b>	<b>100.0</b>

Emission sources	g CO <sub>2</sub>	%
<b>Material acquisition and pre-processing</b>	<b>2,124.10</b>	<b>46.5</b>
Raw materials	1,766.08	38.7
Packaging	348.21	7.6
Inbound logistics	9.81	0.2
<b>Production</b>	<b>1,075.78</b>	<b>23.6</b>
Electricity	1,063.90	23.3
Heating	11.89	0.3
<b>Distribution and storage</b>	<b>60.50</b>	<b>1.3</b>
Outbound logistics	60.50	1.3
<b>End-of-life</b>	<b>1,030.49</b>	<b>22.6</b>
End-of-life	1,030.49	22.6
<b>Non-attributable processes</b>	<b>276.28</b>	<b>6.0</b>
General emissions	276.28	6.0
<b>Overall results</b>	<b>4,567.16</b>	<b>100.0</b>



Totaal per pallet Gloovy Eco Gloves: 4205.32 KG Co2

Totaal per pallet Nitrile Gloves: 9134,32 KG Co2

Besparing Co2 per pallet: -4929 KG Co2



# Optie 2: Volledige recycling Gloovy Eco Gloves



Emission sources	g CO <sub>2</sub>	%
<b>Material acquisition and pre-processing</b>	<b>1,059.56</b>	<b>89.5</b>
Raw materials	871.24	73.6
Packaging	178.84	15.1
Inbound logistics	9.48	0.8
<b>Production</b>	<b>14.35</b>	<b>1.2</b>
Electricity	14.35	1.2
<b>Distribution and storage</b>	<b>15.96</b>	<b>1.3</b>
Outbound logistics	15.96	1.3
<b>End-of-life</b>	<b>1.82</b>	<b>0.2</b>
End-of-life	1.82	0.2
<b>Non-attributable processes</b>	<b>92.79</b>	<b>7.8</b>
General emissions	92.79	7.8
<b>Overall results</b>	<b>1,184.48</b>	<b>100.0</b>

## Nitrile Gloves

Emission sources	g CO <sub>2</sub>	%
<b>Material acquisition and pre-processing</b>	<b>2,124.10</b>	<b>46.5</b>
Raw materials	1,766.08	38.7
Packaging	348.21	7.6
Inbound logistics	9.81	0.2
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<b>Overall results</b>	<b>4,567.16</b>	<b>100.0</b>



**Totaal per pallet Gloovy Eco Gloves: 2368,96 KG Co2**

**Totaal per pallet Nitrile Gloves: 9134,32 KG Co2**

**Besparing Co2 per pallet: -6765,36 KG Co2**



# Why Gloovy Eco Gloves?

## Optie 1: Verbranding na gebruik Gloovy Eco Gloves

Totaal per pallet Gloovy Eco Gloves:	4205.32 KG Co2
Totaal per pallet Nitrile Gloves:	9134,32 KG Co2
<b>Besparing Co2 per pallet:</b>	<b>-4929 KG Co2</b>



Verminder uw ecologische voetafdruk met -4929 kg Co2 per pallet, wat gelijk staat aan:

- 1.572 Liter Diesel = 29.574 km rijden met een dieselauto. 
- 39 retourvluchten tussen Amsterdam en Londen 
- 1.478,7 kilo Kantoorpapier 
- 34.503 kilometer reizen met de bus 

## Optie 2: Volledige recycling Gloovy Eco Gloves

Totaal per pallet Gloovy Eco Gloves:	2368,96 KG Co2
Totaal per pallet Nitrile Gloves:	9134,32 KG Co2
<b>Besparing Co2 per pallet:</b>	<b>-6765,36 KG Co2</b>



Verminder uw ecologische voetafdruk met -6765,36 kg Co2 per pallet, wat gelijk staat aan:

- 2.158 liter diesel verbranden = 40.590 km rijden met een dieselauto 
- 54 retourvluchten tussen Amsterdam en Londen 
- 2.029,5 kilo Kantoorpapier 
- 47.355 kilometer reizen met de bus 

## NET ZERO COMPANY:

### Compenseren van eigen Co2 'Footprint'

Gloovy heeft een samenwerking opgezet met Climatepartner (www.climatepartner.com) om de resterende Co2 uitstoot te compenseren d.m.v. financieel ondersteuning van onderstaand klimaat project. Meer informatie omtrent het project is te vinden via de volgende link:  
<https://fpm.climatepartner.com/project/1294/nl>



Gloves  
**climate contribution**  
ClimatePartner.com/24646-2309-1001

