

semper

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green X-free

more product
information

Technical data

Type	non-sterile, accelerator-free, powder-free examination glove for single use
Color	green
Size / Overall length as per EN 455-2	XS, S, M, L, XL / median 240 mm
Wall thickness measured in single layer in the palm area	min. 0.05 mm typical 0.06 mm
Barrier performance as per EN 455-1	AQL 1.0
Material	Nitrile Butadiene Rubber (NBR)
Glove surface	finger textured
Glove shape	flat with rolled rim, ambidextrous
Force at break as per EN 455-2	median ≥ 6 N
Shelf life in original packaging if stored according to product specification	5 years
Labeling & conformity to standards	EN ISO 21420, EN ISO 374-1 (Type B), EN ISO 374-2, EN 18523-1, EN ISO 374-4, EN ISO 374-5, EN 455-1, EN 455-2, EN 455-3, EN 455-4, ISO 2859-1, ISO 16604

Purpose

Single-use medical device class I as set out in MD Regulation (EU) 2017/745	
Single-use protective glove – PPE category III (protection against chemical substances for limited time)** as set out in PPE Regulation (EU) 2016/425	
Suitable for food contact as set out in Regulation (EC) 1935/2004 on Food Contact Materials	

Packaging

Dispenser box XS, S, M, L 200 / XL 180 pieces
10 dispenser boxes per shipping carton

Article numbers

XS	200pc	3000016156
S	200pc	3000016157
M	200pc	3000016158
L	200pc	3000016159
XL	180pc	3000016160

Sempermed is a HARPS Global brand.*

DM1/20 Version 4 08/2026 EN

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**Please find below chemical resistance tables for our different glove brands: <https://www.harpsglobal.com/chemical-resistance-brands>
IMPORTANT NOTES: The latest product information is available at www.harpsglobal.com under the «Products» tab. Failure to observe this information, in particular with regard to (chemical) resistance, frequency of use and tolerability of the gloves, can result in personal injury and/or material damage. HARPS Global is not liable for incorrect use of the gloves nor will HARPS Global be liable for improper storage and handling. In case of damage or unusual signs of wear and tear, gloves shall not be used. In case of any doubt, expert advice should be sought before use. The information and classifications set out in this datasheet are up to date as of the date of publication. Where typical technical details are listed, they are lot-specific values from production and may vary in individual cases. Test reports are available upon request. This disclaimer is subject to mistakes, printing errors and amendments. ©Copyright 2026 HARPS Global

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X-free

ACCELERATOR-FREE

Designed for skin.
Mindful of resources.

Hospital

Dental

Primary
care

Long-term
care

Veterinary

Lab &
Pharma

Food

Hygiene

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green X-free

sempermed® green X-free, a nitrile examination glove designed with both skin friendliness and environmental responsibility in mind. Crafted with advanced nitrile latex formulation it represents a significant step in our journey to offer the best solution to protect the skin of those who care for others, while continuously improving through LCA-driven optimization.

Product Benefits



Accelerator-free formula for sensitive skin

sempermed® green X-free gloves are manufactured without the addition of rubber accelerators or sulphur. Thus, reducing the risk of skin irritation and allergic reactions, making it an ideal choice for individuals with **type I latex allergy** and **type IV hypersensitivity**. The sempermed® green X-free show minimal chemical residues, ensuring safety for sensitive users.



Superior grip and dexterity

Despite their **lightweight** design, the sempermed® green X-free examination gloves provide good durability and a secure grip. Due to the texturization in the finger area, they offer optimal touch and feel.



AQL level

With an **AQL of 1.0 for pinholes**, they deliver reliable barrier protection without compromising on tactile sensitivity.



Ease of use

The synthetic inner surface treatment allows for **quick and easy donning and glove changes**, ensuring seamless transitions for users even in fast-paced environments.



Commitment to sustainability

Life Cycle Assessment (LCA)

Through Life Cycle Assessment (LCA) conducted in accordance with ISO 14040 and ISO 14044, we have gained valuable insights into the environmental impact hotspots across our manufacturing process.

These findings enable us to identify opportunities for process optimization and support our continuous efforts to improve environmental performance while maintaining the glove's strength, durability, and quality.



Resource efficiency

The thin yet durable design of sempermed® green X-free reduces raw material use without compromising protection performance.

Responsible manufacturing

Our gloves are crafted using an advanced nitrile latex formulation that requires no sulphur or accelerators. This helps create a leaner manufacturing process while reducing chemical use, without compromising strength or durability.

Ethical manufacturing

Produced at our fully-owned production site in Malaysia, the sempermed® green X-free gloves are subject to regular **social responsibility audits** conducted by independent third parties. This ensures that our production methods not only protect the environment but also uphold **fair labor practices** and social standards.

Our sempermed® green X-free is not only about performance, but also about understanding and managing environmental impacts throughout its lifecycle. The glove has been evaluated through a **Life Cycle Assessment (LCA)** following ISO 14040 and 14044 standards, determining its environmental impact across the entire production process.

