

# PRODUCT INFORMATION

## Nitrile protective glove manual® SLN 270 SafeDon™

Nitrile protective gloves for handling chemicals and microbiological agents

### Summary

**Maximum protection and comfortable to wear:** Type-tested and certified as complex PPE<sup>1)</sup> of the highest category III; very good grip due to polymer coating on working side; very smooth on donning side; good tactile sensitivity; ambidextrous, textured surface on fingers and short beaded cuff (glove length 270 mm); AQL<sup>2)</sup>= 1,5

**Area of application:** Protective gloves for handling chemicals and microorganisms & viruses.

**Glove replacement interval:** For biological substances after every work cycle. Immediately in case of visible contamination. Single use!

**Protective glove material:** Nitrile, latex-free.

**Before use:** Check for damage! Do not use damaged gloves!

**Disposal:** Assignment of waste to European waste codes (EWC) for human or animal health care and / or related research, based on directive 2000/532/EC.

<sup>1)</sup> Personal protective equipment – (EU) 2016/425. <sup>2)</sup> Acceptable quality level

### Versions

Size		S (6-6.5)	M (7-7.5)	L (8-8.5)	XL (9-9.5)
Item No .	PU= 200 pieces Size S-L PU=180 pieces Size XL	100282	100283	100284	100285
	Wall bracket for dispenser box	1 per box		3 per box	
		5050		5051	

Glove lengths min. 270 mm

### Flexibility

Dexterity tested in accordance with EN 420:2003 +A1:2009

Performance level	Smallest diameter <sup>1)</sup>
Level 5 (best level)	5 mm

<sup>1)</sup> Smallest diameter of the pin, to meet the test conditions.

### Material

100 % Nitrile (Acrylonitrile butadiene)

Colour blue, powder-free (≤ 2mg/glove)

### Material thickness

Measuring points	Material thickness (single thickness)
Finger, 15 mm from the end of the tip	≥ 0,12 mm
Middle of the palm	≥ 0,08 mm
Shaft, 25 mm from the end shaft	≥ 0,07 mm

## Protection against chemical hazards

**Permeation**<sup>1)</sup> in accordance to EN ISO 374-1:2016, tested for numerous chemicals in accordance with EN 16523-1:2015. Degradation in accordance to EN 374-4:2013. Breakthrough times<sup>2)</sup> [min] / performance classes<sup>3)</sup> (1-6) were established for the following chemicals:

Chemicals	Breakthrough time [min]	Performance	Degradation
40% Sodium hydroxide, (K)	> 480	6	42,5
30% Hydrogen peroxide, (P)	> 10	1	41,9
37% Formaldehyde, (T)	> 10	1	41,9
4 % Chlorhexidine Digluconate	> 480	6	-
70 % Ethanol	14	1	-
4 % Ethidium Bromide	> 480	6	-
5 % Glutaraldehyde	> 480	6	-
70 % Isopropanol	29	1	-
5-Fluorouracil (50 mg/ml)	> 480	6	-
Carmustin (3,3g/ml) <sup>4)</sup>	139	4	-
Cisplatin (1 mg/ml)	> 480	6	-
Cyclophosphamide (20 mg/ml)	> 480	6	-
Doxorubicin HCL (2 mg/ml)	> 480	6	-
Paclitaxel (6 mg/ml)	> 480	6	-
ThioTEPA (10 mg/ml) <sup>4)</sup>	> 240	5	-

<sup>1)</sup>: Movement of a chemical through a material on a molecular level. <sup>2)</sup>: At a permeation rate of 1 µg/min·cm<sup>2</sup>

<sup>3)</sup>: The performance class does not reflect the actual duration of protection at the workstation, because they may be affected by temperature and abrasion! <sup>4)</sup> Tested in accordance to ASTM D6978-5

## Resistance against viruses, bacteria and fungi

Requirements met in accordance to 374-5:2016.

## Additional requirements for medical gloves

Medical device (CE class 1), according to Registration (EU) 2017/745:EN 455:2000 – Parts 1, 2 ,3 ,4

## Quality management

Our **quality management system** is **tested and certified** by TÜV Management Service GmbH in compliance with DIN EN ISO 9001:2015. Regular **audits and production site inspections** guarantees the quality of our products.

## Storage and transport conditions

Dark (protect from direct UV light and sunlight); avoid ozone; Cool (+5 to +40°C) , dry;  
No contact with pointed or sharp objects

## Shelf life

5 years from date of manufacture

## CE-Marking and notified body

CE-marking in accordance to PPE regulation EU 2016/425 for complex PPE in category III, tested to EN 420:2003+A1:2009, EN ISO 374-1:2016, EN ISO 374-5:2016. The EU-declaration of conformance is available at: [www.berner-safety.de](http://www.berner-safety.de).

**Notified body:** CE 2777, SATRA Technology, Europe Ltd, Bracetown Business Park Clonee, D15YN2P, Ireland.

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## Manufacturer

Heliomed Handelsges.m.b.H, An den Langen Lussen 8/4, A-1190 Vienna, Österreich

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## Distributor

**Berner International GmbH**, Werner-von-Siemens-Sr. 19, 25337 D- Elmshorn, Tel: +49 4121 4356-0, Fax: +49 4121 4356-20; [info@berner-safety.de](mailto:info@berner-safety.de), [www.berner-safety.de](http://www.berner-safety.de)

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