



### CERTIFIED HAND PROTECTION

Semperguard® gloves are certified as Personal Protective Equipment according to PPE Regulation (EU) 2016/425. Most of our industrial gloves are additionally certified as CE Class I medical devices and successfully fulfil the requirements of the Medical Device Regulation 2017/745 (EU).



### SAFE FOR SENSITIVE SKIN

Protect your skin from common allergies with skin-friendly nitrile gloves which are free from natural rubber latex proteins. Innovative manufacturing methods like our Green Glove technology and our washing and finishing process significantly further reduce the risk of skin allergies.



### PERSONAL PROTECTION

Harmful chemicals and mechanical injuries are risks in the assembly, maintenance and repair of industrial products. Particularly suitable for these tasks: the strong Semperguard® Xpert which protects against different chemicals\*, the extra-long Semperguard® Xtension with added splash protection, and the elastic Semperguard® Xtra lite for precision work.



### LABORATORIES & PHARMACEUTICAL INDUSTRY

For the common requirements of lab workers Semperguard® Comfort provides a good combination of wearing comfort and chemical protection\*. For professionals in the pharma industry, the accelerator-free Semperguard® Green offers skin-friendliness and a good touch and feel.



### FOOD SERVICE INDUSTRY

Several options are available for the professional handling, preparation, cooking and serving of food. The Semperguard® Cobalt blue offers an appealing colour that conforms to HACCP standards. Another stylish option is the black Semperguard® Style, while the Semperguard® Xenon's white colour makes it a hygienic option.



### PROFESSIONAL CLEANING

The versatile and comfortable Semperguard® Latex comfort is a suitable glove for cleaning services as it protects against certain aggressive substances\* used in cleaning products. The Semperguard® Latex Comfort similarly is a good option when wearing comfort, value for money and easy donning are important.

## MILESTONES



1824

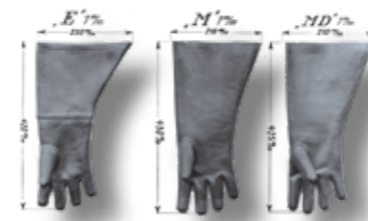
### GROUNDBREAKING BEGINNINGS

Semperit is founded by Johann Nepomuk Reithofer, a tailor, entrepreneur and inventor specialising in waterproof fabrics. His patented weaving machine marks the start of the European rubber industry.

### OUR FUTURE HOME

Construction commences on a factory in Wimpassing, Austria, which will one day house Sempermed's surgical glove production and research and development centre.

1852



1920

### THE SEMPERGUARD® BRAND

The industrial glove portfolio is launched, consisting of three gloves including the trusted Semperguard® Xpert – our first nitrile glove.

2000



2010

### FIRST GLOVES

Semperit starts producing latex gloves.



### XTRA LITE

The lavender blue Semperguard® Xtra lite convinces with its elasticity.

2015

### MADE IN MALAYSIA

At Plant 7, a state-of-the-art manufacturing facility, we are producing quality online-chlorinated nitrile gloves.



2018



### SUSTAINABILITY & SKIN-FRIENDLINESS

The innovative Green Glove Technology introduces a new level of sustainability in glove manufacturing.

2020

### A CENTURY OF GLOVE EXPERTISE



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## PROTECTIVE GLOVE SOLUTIONS HAND PROTECTION EXPERTISE SINCE 1920



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IMPORTANT NOTE: The latest product information is available at www.sempermed.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. Semperit is not liable for incorrect use of the gloves nor will Semperit 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 classification is up to date as of the date of publication. Technical details are average values from production and may vary in individual cases. This disclaimer is subject to mistakes, printing errors and amendments. CAUTION: Natural latex can cause allergic reactions, including anaphylactic shock. Semperit bears no liability for allergic reactions. \*Copyright 2022 Sempermed  
According to chemical list on www.sempermed.com/chemical-resistance-brands

# SEMPERGUARD® GLOVES FIT YOUR NEEDS

Our protective gloves cater to professionals in many different fields. From light manufacturing and the pharmaceutical industry to food, cleaning and other services, we develop and produce gloves that offer reliable protection based on our over 100-year-long glove manufacturing expertise.



| BRAND NAME  | DISPOSABLE GLOVES   |   |  |  |   |  |  |   |   |  | DISPOSABLE GLOVES   |  |   |   |  |               |  |
|---|---|---|--|--|---|--|--|---|---|--|---|--|---|---|--|---------------|--|
|   | NITRILE   |   |  |  |   | NITRILE  |  |   |   |  | LATEX   |  |   | VINYL   |  |               |  |
|   | LIGHT WEIGHT  |   |  |  |   | MEDIUM WEIGHT  |  |   |   |  | HEAVY WEIGHT  |  |   |   |  | MEDIUM WEIGHT |  |
|   | Semperguard® Sapphire blue  | Semperguard® Cobalt blue  | Semperguard® Xtra lite   | Semperguard® Green   | Semperguard® Xenon  | Semperguard® Style   | Semperguard® Comfort   | Semperguard® Xtension   | Semperguard® Xpert black  | Semperguard® Xpert   | Semperguard® Latex comfort  | Semperguard® Latex IC powder free  | Semperguard® Latex powdered   | Semperguard® Vinyl powder free  | Semperguard® Vinyl powdered  |               |  |
| KEY GLOVE FEATURES  | <b>XTRA SENSITIVE NITRILE</b><br>• appealing colour<br>• extremely soft and comfortable to wear<br>• splendid tactility | <b>THE STYLISH NITRILE</b><br>• distinctive cobalt blue colour<br>• soft & comfortable nitrile material<br>• protects against chemicals* and viruses such as COVID-19 | <b>LIGHT NITRILE</b><br>• lavender blue colour - suitable for food handling<br>• excellent elasticity<br>• skin-friendly | <b>GREEN GLOVE</b><br>• skin-friendly; no chlorine, no latex proteins, no accelerators<br>• sustainability focus: reduced water usage & CO <sub>2</sub> emissions<br>• mint green colour | <b>HYGIENE GLOVE</b><br>• white colour<br>• excellent wearing comfort<br>• great sense of touch | <b>BLACK NITRILE</b><br>• stylish black colour<br>• excellent elasticity<br>• Secure grip thanks to texturing in the finger area | <b>COMFORT NITRILE</b><br>• signal colour blue (HACCP standard)<br>• high wearing comfort<br>• good chemical resistance* | <b>LONG NITRILE</b><br>• extra long<br>• splash protection<br>• good chemical resistance* | <b>STRONG BLACK NITRILE</b><br>• highly resilient due to increased wall thickness<br>• fully textured for optimised grip in damp and wet applications | <b>STRONG NITRILE</b><br>• extra wall thickness<br>• more resilience<br>• good chemical protection*<br>• no silicone added | <b>COMFORTABLE LATEX</b><br>• natural white<br>• excellent elasticity<br>• good tactility/ very comfortable to wear | <b>THE LATEX ALLROUNDER</b><br>• innercoating<br>• high tear resistance/<br>• excellent elasticity<br>• great sense of touch & wearing comfort | <b>POWDERED LATEX</b><br>• pre-powdered<br>• good donnability even in humid environment | <b>POWDER FREE VINYL</b><br>• transparent<br>• free from latex proteins and accelerators<br>• DOP-free<br>• for light duty tasks or non-fatty food handling | <b>POWDERED VINYL/ BLUE VINYL</b><br>• transparent or blue<br>• pre-powdered<br>• free from latex proteins and accelerators<br>• DOP-free<br>• for light duty tasks or non-fatty food handling |               |  |
| PERSONAL PROTECTION   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| LABORATORY / PHARMA   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| FOOD / CATERING   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓ (for non-fatty food)  | ✓ (for non-fatty food)   |               |  |
| PROFESSIONAL CLEANING / HYGIENE   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| BEAUTY / BODY ART / HAIRDRESSING  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| CONSUMER / RETAIL   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| MATERIAL  | nitrile butadiene rubber (NBR)  | nitrile butadiene rubber (NBR)  | nitrile butadiene rubber (NBR)   | nitrile butadiene rubber (NBR)   | nitrile butadiene rubber (NBR)  | nitrile butadiene rubber (NBR)   | nitrile butadiene rubber (NBR)   | nitrile butadiene rubber (NBR)  | nitrile butadiene rubber (NBR)  | nitrile butadiene rubber (NBR)   | natural latex   | natural latex  | natural latex   | vinyl   | vinyl  |               |  |
| COLOUR  | lavender blue   | cobalt blue   | lavender blue  | mint green   | white   | black  | ocean blue   | blue  | black   | green blue   | natural   | natural  | natural   | transparent   | transparent or blue  |               |  |
| EXTERIOR  | finger textured   | finger textured   | finger textured  | finger textured  | finger textured   | finger textured  | finger textured  | finger textured   | fully textured  | fully textured   | finger textured   | fully textured   | smooth  | smooth  | smooth   |               |  |
| INSIDE TREATMENT  | powder free   | powder free   | powder free  | powder free  | powder free   | powder free  | powder free  | powder free   | powder free   | powder free  | powder free   | powder free  | powdered  | powder free   | powdered   |               |  |
| LENGTH as per EN 455-2  | median 240 mm   | median 240 mm   | median 240 mm  | median 240 mm  | median 240 mm   | median 240 mm  | median 240 mm  | median 300 mm   | median 240 mm   | median 240 mm  | median 240 mm   | median 240 mm  | median 240 mm   | median 240 mm   | median 240 mm  |               |  |
| WALL THICKNESS double measured at palm area                             | 0.10 mm   | 0.10 mm   | 0.12 mm  | 0.12 mm  | 0.12 mm   | 0.12 mm  | 0.16 mm  | 0.16 mm   | 0.20 mm   | 0.22 mm  | 0.16 mm   | 0.20 mm  | 0.16 mm   | 0.14 mm   | 0.14 mm  |               |  |
| MEDICAL DEVICE according to MD Regulation (EU) 2017/745                 | CE Class I  | CE Class I  | CE Class I   | CE Class I   | CE Class I  | CE Class I   | CE Class I   | CE Class I  | CE Class I  | CE Class I   | CE Class I  | CE Class I   | CE Class I  | CE Class I  | CE Class I   |               |  |
| PERSONAL PROTECTIVE EQUIPMENT according to PPE Regulation (EU) 2016/425 | CE Category III complex risk  | CE Category III complex risk  | CE Category III complex risk   | CE Category III complex risk   | CE Category III complex risk  | CE Category III complex risk   | CE Category III complex risk   | CE Category III complex risk  | CE Category III complex risk  | CE Category III complex risk   | CE Category III complex risk  | CE Category III complex risk   | CE Category III complex risk  | CE Category III complex risk  | CE Category III complex risk   |               |  |
| FOOD CONTACT (EC) No. 1935/2004   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓ (for non-fatty food)  | ✓ (for non-fatty food)   |               |  |
| EN 455  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| ASTM F 1671   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| EN 420 / EN ISO 21420   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| EN 374-2  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| EN 374-3 / EN 16523-1   | ✓   | ✓   | ✓  | ✓  | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓   | ✓  | ✓   | ✓   | ✓  |               |  |
| AQL FOR PINHOLES (inspection level G1)                                  | 1.5   | 1.5   | 1.5  | 1.5  | 1.5   | 1.5  | 1.5  | 1.5   | 1.5   | 1.5  | 1.5   | 1.5  | 1.5   | 1.5   | 1.5  |               |  |
| PROTEINS  | not present   | not present   | not present  | not present  | not present   | not present  | not present  | not present   | not present   | not present  | present   | present  | present   | not present   | not present  |               |  |
| ACCELERATOR CHEMICALS   | present   | present   | present  | not present  | present   | present  | present  | present   | present   | present  | present   | present  | present   | not present   | not present  |               |  |

\*According to chemical list on [www.sempermed.com/chemical-resistance-brands](http://www.sempermed.com/chemical-resistance-brands)