

# EXAMINATION GLOVE SOLUTIONS

## HAND PROTECTION EXPERTISE SINCE 1920



# MILE STONES



18  
24

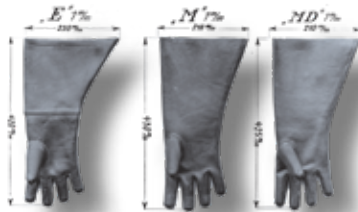
## GROUNDBREAKING BEGINNINGS

Semperit is founded by Johann Nepomuk Reithoffer, a tailor, entrepreneur and inventor specialising in waterproof fabrics.

## 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.

18  
52



19  
20

## FIRST GLOVES

Semperit starts producing latex gloves.

## GLOBAL APPEAL

Sempermed gloves are donned by healthcare professionals around the world.

19  
60s



20  
09

## A TRIED & TESTED SOLUTION

The comfortable Sempercare® Nitrile Skin<sup>2</sup> reliably protects against infections.<sup>1</sup>

## EXPANDING OUR PRODUCTION

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

20  
15



20  
18

## SUSTAINABILITY & SKIN-FRIENDLINESS

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

## A CENTURY OF GLOVE EXPERTISE

20  
20



Contact Us

Semperit Investments Asia Pte. Ltd,  
8 Jurong Town Hall Road, #29-03 to 06 The JTC Summit,  
Singapore 609434, Singapore  
Tel.: +65 6274 4861 · Fax.: +65 6274 6977  
sempermed@semperitgroup.com · www.sempermed.com

Sempermed Europe GmbH  
Austria, 1100 Vienna, Am Belvedere 10, QBC 2a  
Tel.: +43 1 79 777-0 · Fax: +43 1 79 777-630  
sempermed@semperitgroup.com · www.sempermed.com

# WHY PROFESSIONALS TRUST SEMPERCARE®

A COMPREHENSIVE PORTFOLIO

In 1920, our first latex gloves were produced in Wimpassing, Austria. Since then, Sempermed has continuously enhanced its expertise in the research & development and manufacturing of quality medical gloves. 100 years and many milestones later, we are proud to offer a comprehensive examination glove portfolio which caters to the needs of users in a many different professions. Whether protection, skin-friendliness, comfort or grip matters most to you, we have products which can fulfil your requirements.

## DOUBLE PROTECTION

Sempercare® examination gloves are double-certified, in accordance with Medical Device Regulation (EU)2017/745 as well as Personal Protective Equipment Regulation (EU) 2016/425, to ensure the safety of both user and patient. Furthermore, our exam gloves fulfill all parts of EN standard 455 and have been tested according to ASTM F1671 / F1671M, which means that the glove material protects against bacteria, fungi and viruses including SARS-CoV-2, HIV and Hepatitis B & C.

## SAFE FOR SENSITIVE SKIN

We offer solutions that protect your skin from common allergies. Synthetic materials which are free from allergenic latex proteins, skin-friendly manufacturing methods like our Green Glove technology, and our specially developed washing and finishing process significantly reduce the risk of skin allergies.

## YOUR CHOICE OF MATERIAL

The Sempercare® portfolio consists of latex, nitrile and vinyl gloves. We generally recommend nitrile material as it can effectively protect against viral infections and various chemicals\*, offer high tensile strength, provide latex-like comfort and is latex and powder free.

## THE RIGHT GRIP FOR YOU

From gloves featuring a smooth surface structure to ones that offer extra grip, textured fingers or a micro-rough surface, our examination glove portfolio presents different solutions which may suit your needs.

## FAST & EASY TO DON

Thanks to the inner coating, all our examination gloves are quick to don and remove. The Sempercare® silk even features a special silk inner coating for easy donning.

## EXTRA LONG GLOVES

Our examination gloves have a median length of at least 240 mm. When additional protection for the wrist and forearm is required, the longer-cuff Sempercare® nitrile shine+ may be the right choices for you.

**IMPORTANT NOTE:** The latest product information is available at [www.sempermed.com](http://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 2021 Sempermed**

<sup>1)</sup> according to EN 455-1 and ASTM F-1671 <sup>2)</sup> Please note the Sempercare chemical resistance list, available on [www.sempermed.com/sempermed\\_informs/chemical\\_resistance](http://www.sempermed.com/sempermed_informs/chemical_resistance)

BRAND NAME	NITRILE / UNSTERILE					
	SEMPERCARE® SAFE+	SEMPERCARE® NITRILE	SEMPERCARE® NITRILE SHINE+	SEMPERCARE® SILK	SEMPERCARE® NITRILE SKIN <sup>2</sup>	SEMPERCARE® VELVET
						






### KEY GLOVE FEATURES

- enhanced protection thanks to longer cuff
- finger textured for secure grip
- chemical resistance<sup>2</sup>
- good chemical resistance<sup>2</sup>
- suitable for specific cytostatics (according to cytostatics list)<sup>2</sup>
- significantly higher force at break
- enhanced protection thanks to longer cuff
- white colour
- comfortable fit thanks to soft & light design
- liquid silk-enriched inner coating for a silky-smooth feeling
- nourishes users' skin, especially during prolonged wear
- comfortable fit thanks to soft & light design
- lavender blue colour
- comfortable fit thanks to soft material
- good sensitivity and tactile sense
- 'soft as velvet' material
- enhanced sense of touch
- comfortable fit thanks to soft & light design

### BASIC INFORMATION

<b>MATERIAL</b>	nitrile butadiene rubber (NBR)	nitrile butadiene rubber (NBR)	nitrile butadiene rubber (NBR)	nitrile butadiene rubber (NBR)	nitrile butadiene rubber (NBR)	nitrile butadiene rubber (NBR)
<b>COLOUR</b>	blue	blue	white	white	lavender blue	lavender blue
<b>EXTERIOR</b>	finger textured	finger textured	finger textured	finger textured	finger textured	finger textured
<b>INSIDE TREATMENT</b>	powder free	powder free	powder free	powder free / silk coated	powder free	powder free
<b>LENGTH</b> as per EN 455-2	median 300mm	median 240mm	median 265mm	median 240mm	median 240mm	median 240mm
<b>WALL THICKNESS</b> measured in double layer in the palm area	0.20mm	0.20mm	0.14mm	0.14mm	0.14mm	0.12mm
<b>FORCE AT BREAK</b> as per EN455-2 Typical production value	median 8 N	median 9 N	median 6 N	median 6 N	median 7 N	median 6 N
<b>DURABILITY</b> in original packaging if stored as per DIN 7716, ISO 2230	3 years	3 years	3 years	3 years	3 years	3 years
<b>NATURAL LATEX-FREE</b>	yes	yes	yes	yes	yes	yes
<b>ACCELERATOR-FREE</b>	no	no	no	no	no	no

### LABELLING

<b>PURPOSE</b> as set out in MD Regulation (EU) 2017/745 as set out in PPE Regulation (EU) 2016/425	 CE Class I CE Category III complex risk	 CE Class I CE Category III complex risk	 CE Class I CE Category III complex risk	 CE Class I CE Category III complex risk	 CE Class I CE Category III complex risk	 CE Class I CE Category III complex risk
<b>ASTM</b>	D6319	D6319	D6319	D6319	D6319	D6319
<b>EN 455 1-4</b>	✓	✓	✓	✓	✓	✓
<b>EN 420/ EN ISO 21420</b>	✓	✓	✓	✓	✓	✓
<b>EN ISO 374</b>	✓	✓	✓	✓	✓	✓
<b>EN 421</b>	✓	✓	✓	✓	✓	✓
<b>AQL FOR PINHOLES</b> (inspection level G1)	1.5	1.5	1.5	1.5	1.0 & 1.5	1.5
<b>FOOD CONTACT REG.</b> 1935/2004	✓	✓	✓	✓	✓	✓

### PACKAGING / LOGISTIC INFORMATION

<b>REFERENCE NUMBER</b>	100 pcs. 8267 5803x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	100 pcs. 8267 8163x 200 pcs. 8267 9143x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8267 7843x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8267 6083x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	100 pcs.: 8267 9804x 200 pcs.: 8267 9384x AQL 1.0: 8267 9914x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	300 000x <b>(100 pcs: "x" = 6795 for XS, 6796 for S, 6797 for M, 6798 for L, 6799 for XL)</b> <b>200 pcs: "x" = 6800 for XS, 6801 for S, 6802 for M, 6803 for L, 6804 for XL)</b>
<b>AVAILABLE SIZES</b>	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL
<b>PCS / DISPENSER</b>	XS/S/M/L: 100 pcs. XL: 90 pcs.	XS/S/M/L: 100 or 200 pcs. XL: 90 or 180 pcs.	XS/S/M/L: 150 pcs. XL: 135 pcs.	XS/S/M/L: 150 pcs. XL: 135 pcs.	XS/S/M/L: 100 or 200 pcs. XL: 90 or 180 pcs.	XS/S/M/L: 100 or 200 pcs. XL: 90 or 180 pcs.
<b>PCS / TRANSPORT CARTON</b>	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	XS/S/M/L: 1.000 or 2.000 pcs XL: 900 or 1.800 pcs.	XS/S/M/L: 1.500 pcs. XL: 1.350 pcs.	XS/S/M/L: 1.500 pcs. XL: 1.350 pcs.	XS/S/M/L: 1.000 or 2.000 pcs. XL: 900 or 1.800 pcs.	XS/S/M/L: 1.000 or 2.000 pcs. XL: 900 or 1.800 pcs.

SEMPERCARE® GREEN	LATEX / UNSTERILE			VINYL / UNSTERILE	
SEMPERCARE® EDITION IC	SEMPERCARE® EDITION	SEMPERCARE® LATEX POWDERED	SEMPERCARE® SYN-STRETCH	SEMPERCARE® VINYL POWDER FREE / POWDERED	
					
<ul style="list-style-type: none"> <li>skin-friendly material minimises risk of contact allergies (no accelerator chemicals or chlorine)</li> <li>easy donning thanks to synthetic inner coating</li> <li>optimal touch and feel</li> </ul>	<ul style="list-style-type: none"> <li>easy donning thanks to synthetic inner coating</li> <li>fully textured for optimised grip in damp / wet applications</li> <li>enhanced wearing comfort</li> </ul>	<ul style="list-style-type: none"> <li>finger textured for secure grip</li> <li>enhanced wearing comfort due to sensitive, elastic material</li> <li>advanced tactility</li> </ul>	<ul style="list-style-type: none"> <li>powdered for fast &amp; easy donning</li> <li>advanced tactility</li> <li>micro-rough surface</li> </ul>	<ul style="list-style-type: none"> <li>more elastic and tear-resistant than conventional vinyl gloves</li> <li>safe for sensitive skin: natural rubber latex &amp; accelerator-free</li> <li>smooth, slippery glove surface for a comfortable feel on patient contact</li> </ul>	<ul style="list-style-type: none"> <li>smooth glove surface for a comfortable feel on patient contact</li> <li>safe for sensitive skin: natural rubber latex &amp; accelerator-free</li> <li>Phthalate-free</li> </ul>

### BASIC INFORMATION

nitrile butadiene rubber (NBR)	natural latex	natural latex	natural latex	synthetic polymer / vinyl	vinyl
mint green	natural white	natural white	natural white	yellowish	transparent
finger textured	grippy, fully textured	grippy, finger textured	micro rough	smooth	smooth
powder free	powder free / inner coated	powder free / inner coated	powdered (cornstarch)	powder free / inner coated	powder free / powdered (corn-starch)
median 240 mm	median 240 mm	median 240 mm	median 240 mm	median 240 mm	median 240 mm
0.14 mm	0.24 mm	0.20 mm	0.20 mm	0.18 mm	0.15 mm
median 6 N	median 8 N	median 6 N	median 6 N	median 4.5 N	median 3.6 N
3 years	3 years	3 years	5 years	3 years	5 years
yes	no	no	no	yes	yes
yes	no	no	no	yes	yes

### LABELLING

CE Class I CE Category III complex risk	CE Class I CE Category III complex risk	CE Class I CE Category III complex risk	CE Class I CE Category III complex risk	CE Class I CE Category III complex risk	CE Class I CE Category I minimal risk
D6319	D3578	D3578	D3578	D5250	D5250
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	
1.5	1.5	1.5	1.5	1.5	1.5
✓	✓	✓	✓	no	no

### PACKAGING / LOGISTIC INFORMATION

3000 0082x ("x" = 07 for XS, 08 for S, 09 for M, 10 for L, 11 for XL)	8237 8174x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8237 8173x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8239 8102x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8257 9323x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	<p><b>powderfree</b> 100 pcs.: 8257 8103x</p> <p><b>powdered</b> 100 pcs.: 8259 8102x ("x" = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)</p>
XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL
XS/S/M/L: 200 pcs. XL: 180 pcs.	XS/S/M/L: 100 pcs. XL: 90 pcs.	XS/S/M/L: 100 pcs. XL: 90 pcs.	XS/S/M/L: 100 pcs. XL: 90 pcs.	XS/S/M/L: 100 pcs. XL: 90 pcs.	XS/S/M/L 100 pcs. XL: 90 pcs.
XS/S/M/L: 2.000 pcs. XL: 1.800 pcs.	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	XS/S/M/L 1.000 pcs. XL: 900 pcs.

Due to the wide range of potential applications for examination gloves, Sempermed recommends the following Sempercare® products in the defined segments in accordance with the demands on their use.

		NITRILE EXAM GLOVES						LATEX EXAM GLOVES			VINYL EXAM GLOVES				
		SEMPERCARE® SAFE+	SEMPERCARE® NITRILE	SEMPERCARE® SHINE+	SEMPERCARE® SILK	SEMPERCARE® SKIN <sup>2</sup>	SEMPERCARE® VELVET	SEMPERCARE® GREEN	SEMPERCARE® EDITION IC	SEMPERCARE® EDITION	SEMPERCARE® LATEX PP	SEMPERCARE® SYN-STRETCH	SEMPERCARE® VINYL PF	SEMPERCARE® VINYL PP	
PRODUCT FEATURES	Higher wall thickness	x	x						x			x			
	Tactile sensitivity			x	x	x	x	x	x	x	x				
	Higher grip and dexterity		x						x	x					
	Inner coating				x			x	x			x	x		
	High wearing comfort				x	x	x	x	x	x	x				
	Extended cuff protection	x		x											
	Suitable for Type-I allergy sufferers	x	x	x	x	x	x	x				x	x	x	
	Suitable for Type-IV allergy sufferers							x				x	x	x	
APPLICATIONS	MINIMAL RISK	Patient mobilisation	x	x	x	x	x	x	x	x	x	x	x	x	x
		Medication dispensing	x	x	x	x	x	x	x	x	x	x	x	x	x
		Food preparation	x	x	x	x	x	x	x	x	x	x	x	x	x
		Non-invasive physical examinations	x	x	x	x	x	x	x	x	x	x	x	x	x
	COMPLEX RISK	Operating theater cleaning	x	x	x	x	x	x	x	x	x		x	x	
		Instrument handling	x	x	x	x	x	x	x	x	x	x	x		
		Dental procedures			x	x	x	x	x	x	x				
		IV injection / insertion	x	x	x	x	x	x	x	x	x		x	x	
		Staple removal	x	x	x	x	x	x	x	x	x				
		Patient wound dressing	x	x	x	x	x	x	x	x	x		x		
		x	x												
		x	x												
		x	x												
RECOMMENDED SEGMENTS	HOSPITAL	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	
	DENTAL			Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ					
	PRIMARY CARE		Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	
	LONG-TERM CARE			Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	
	ANIMAL HEALTH					Ⓢ	Ⓢ		Ⓢ	Ⓢ	Ⓢ		Ⓢ	Ⓢ	

The COVID-19 pandemic has resulted in the limited availability of certain products in our portfolio. Please contact your Area Sales Manager for further information.

pf = powderfree pp = powdered