



# SURGICAL GLOVE SOLUTIONS

DEVELOPED, PRODUCED & PACKAGED IN EUROPE







# WHY SURGEONS TRUST SEMPERMED

Listening to healthcare professionals and observing them at work, we understand which innovations make a real difference in the operating room. We continuously push for new products that empower and protect surgical staff, care for even the most sensitive skin, and are manufactured in a more sustainable manner.



## DOUBLE PROTECTION

Sempermed surgical gloves are double-certified, in accordance with Medical Device Directive 93/42/EEC as well as Personal Protective Equipment Regulation (EU) 2016/425, to ensure your safety. Thanks to an optimized wall thickness, our gloves offer superior tactile sensitivity without making any concessions when it comes to your protection.

## 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 patented UV technology, and our specially developed washing and finishing process significantly reduce the risk of skin allergies.

## QUICK AND EASY TO DON **quickdon™**

Our surgical gloves possess excellent donning properties thanks to the specially developed Quick Don™ technology. The powder free synthetic inner coating reduces friction resistance, making our easy-to-don surgical gloves ideal for double-donning and intraoperative glove changes. Intraoperative glove changes may be recommended based on the procedure's nature and criticality, or approximately every hour.<sup>1)</sup>

## A COMPREHENSIVE PORTFOLIO

Surgeons and OR personnel encounter highly sensitive or high-risk procedures in their daily work. Our extensive portfolio, containing features like a micro-rough outer surface or an optimized wall thickness, offer solutions that empower and protect surgical staff and patients.

## FULLY ANATOMICAL SHAPE

With a design based on a natural, relaxed hand posture featuring a slightly wider back of the hand, our gloves allow for superior mobility and ensure that hands experience significantly less fatigue, especially during long procedures.

## MADE IN AUSTRIA SINCE 1920

We develop and produce surgical gloves in Austria. As a globally operating company, we are committed to the International Labor Organisation's standards, are an amfori Business Social Compliance Initiative member, and are always on the lookout for more sustainable solutions.

<sup>1)</sup> Depending on the nature and criticality of the procedure, intraoperative glove changes may be recommended based on the surgeon's assessment or other requirements, or approximately every hour.

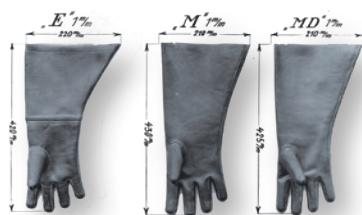
**IMPORTANT NOTE:** The latest product information is available at [www.semparmed.com](http://www.semparmed.com) under the «Products» tab. Failure to observe this information, in particular with regard to (chemical) resistance, frequency of use and tolerability of the gloves, can result in personal injury and/or material damage. **HARPS Investment Asia Pte. Ltd. is not liable for incorrect use of the gloves nor will HARPS Investment Asia Pte. Ltd. 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. HARPS Investment Asia Pte. Ltd. bears no liability for allergic reactions.** ©Copyright 2024 HARPS

# MILE STONES

## 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 center.

18  
52



19  
20

## FIRST GLOVES

Our first Sempermed gloves are produced.



## GLOBAL APPEAL

Sempermed surgical gloves are donned by professionals around the world.

19  
60s



19  
97

## A NEW EUROPEAN MARKET LEADER

sempermed® supreme, one of the most frequently used powder free surgical gloves in Europe, establishes itself as a glove of choice for surgeons.



## INNOVATION AWARD

Our patented photochemical process, used to manufacture the skin-friendly, accelerator-free sempermed® syntegra UV, is awarded the prestigious EARTO innovation award.

20  
16

**100+ YEARS**  
- EST. 1920 -

20  
20

## A CENTURY OF GLOVE EXPERTISE

## LIFE CYCLE ASSESSMENT

We conducted a life cycle assessment (LCA) (cradle-to-grave) for the sempermed® supreme surgical glove, thereby determining its impact on the environment.

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21



20  
23

## ACQUISITION BY HARPS GLOBAL

Joining forces to becoming an Infection Prevention and Protection leader.






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	NATURAL LATEX FREE					
BRAND NAME	S semper med syntegra UV		S semper med syntegra IR		S semper med syntegra green	
<div><div><div><div>ACCEL-ERATOR FREE</div><div>NATURAL LATEX FREE</div><div>quick don™</div></div></div><div><div><div>THIURAM &amp; DPG-FREE</div><div>NATURAL LATEX FREE</div><div>quick don™</div></div></div><div><div><div>THIURAM &amp; DPG-FREE</div><div>NATURAL LATEX FREE</div><div>quick don™</div></div></div></div>						
PRODUCT BENEFITS	<b>AWARD-WINNING PROTECTION FOR YOUR SKIN</b> <ul style="list-style-type: none"><li>■ <b>Low-allergenic</b><sup>2)</sup>: suitable for Type IV sensitized individuals</li><li>■ <b>Polyisoprene</b>: suitable for Type I sensitized individuals</li><li>■ <b>Great comfort</b>: extraordinary latex-like fit &amp; feel</li><li>■ <b>Fast &amp; easy to don</b>: Quick Don™ inner coating</li><li>■ <b>Low dermatitis potential</b></li></ul>		<b>ADVANCED SKIN PROTECTION &amp; PERFORMANCE</b> <ul style="list-style-type: none"><li>■ <b>Low allergy risk</b>: innovative accelerators, latex free</li><li>■ <b>Fast &amp; easy to don</b>: Quick Don™ inner coating</li><li>■ <b>Great comfort</b>: extraordinary latex-like fit &amp; feel</li><li>■ <b>Anatomical shape</b>: reduces strain for wearer</li></ul>		<b>THE INNER GLOVE FOR HIGH-RISK PROCEDURES</b> <ul style="list-style-type: none"><li>■ <b>Ideal inner glove</b>: designed for double-donning</li><li>■ <b>Skin-friendly</b>: innovative accelerators, latex free</li><li>■ <b>Great comfort</b>: extraordinary latex-like fit &amp; feel</li><li>■ <b>Wall thickness</b>: optimal for high-risk surgeries</li></ul>	
TYPE	Sterile surgical glove for single use, powder free, with synthetic inner coating					
MATERIAL	Synthetic polyisoprene		Synthetic polyisoprene		Synthetic polyisoprene	
COLOR	White		Cream		Green	
GLOVE SHAPE	Fully anatomical with curved fingers and rolled rim					
SIZE/OVERALL LENGTH as per EN 455-2			5 ½, 6 and 6 ½    median 270 mm 7, 7 ½ and 8    median 280 mm 8 ½ and 9    median 285 mm			
WALL THICKNESS measured in single layer in the palm area	0.19–0.25 mm		0.19–0.24 mm		0.19–0.24 mm	
BARRIER PERFORMANCE	AQL 0.65					
FORCE AT BREAK as per EN 455-2	≥ 9 N					
SHELF LIFE in original packaging if stored according to product specification	3 years					
STERILIZATION	Radiation <div>STERILE R</div>					
PACKAGING	Left and right glove turned up cuff in inner pouch, ozone-tight, sealed in peel pack. In dispenser carton with sterilization indicator: 40 pairs. In transport carton with sterilization indicator: 240 pairs.		Left and right glove turned up cuff in inner pouch, ozone-tight, sealed in peel pack. In dispenser carton with sterilization indicator: 50 pairs. In transport carton with sterilization indicator: 300 pairs.			
PURPOSE according to MD Directive 93/42/EWG / according to PPE Regulation (EU) 2016/425	Single-use medical device class IIa Single-use protective glove - PPE category III (protection against chemical substances for limited time) <sup>3)</sup>					
ARTICLE NUMBERS	EU		EU		EU	
	Size 5 ½	827058521	Size 5 ½	827056521	Size 5 ½	827053521
	Size 6	827058601	Size 6	827056601	Size 6	827053601
	Size 6 ½	827058621	Size 6 ½	827056621	Size 6 ½	827053621
	Size 7	827058701	Size 7	827056701	Size 7	827053701
	Size 7 ½	827058721	Size 7 ½	827056721	Size 7 ½	827053721
	Size 8	827058801	Size 8	827056801	Size 8	827053801
	Size 8 ½	827058821	Size 8 ½	827056821	Size 8 ½	827053821
	Size 9	827058901	Size 9	827056901	Size 9	827053901

<sup>2)</sup> Crepy et.al. (2018), Accelerator-free gloves as alternatives in cases of glove allergy in healthcare workers, in Contact Dermatitis. 2018 Jan;78(1):28-32. doi: 10.1111/cod.12860. Epub 2017 Jul 27. <https://www.ncbi.nlm.nih.gov/pubmed/28748553>

<sup>3)</sup> Please note the Sempermed Chemical Resistance list, available on <https://www.sempermed.com/chemical-resistance-brands>



	NATURAL RUBBER LATEX (NR)							
BRAND NAME	sempermed supreme		sempermed supreme plus		sempermed supreme green			
<div><div><div></div><div><div>THIURAM &amp; DPG-FREE</div><div>quick don™</div></div></div><div><div></div><div><div>THIURAM &amp; DPG-FREE</div><div>quick don™</div></div></div><div><div></div><div><div>THIURAM &amp; DPG-FREE</div><div>quick don™</div></div></div></div>								
PRODUCT BENEFITS	A PREMIUM ALL-ROUNDER YOU CAN TRUST		OPTIMAL GRIP IN EVERY SITUATION		DOUBLE PROTECTION THAT YOU CAN TRUST			
	<ul style="list-style-type: none"><li>■ <b>Extra-supple:</b> great comfort &amp; tactile sensitivity</li><li>■ <b>Fast &amp; easy to don:</b> Quick Don™ inner coating</li><li>■ <b>Anatomical shape:</b> reduces strain for wearer</li><li>■ <b>Skin-friendly:</b> washed to minimize skin irritants</li></ul>		<ul style="list-style-type: none"><li>■ <b>Safe-grip surface:</b> for dry &amp; damp applications</li><li>■ <b>Fast &amp; easy to don:</b> Quick Don™ inner coating</li><li>■ <b>Anatomical shape:</b> reduces strain for wearer</li><li>■ <b>Skin-friendly:</b> washed to minimize skin irritants</li></ul>		<ul style="list-style-type: none"><li>■ <b>Clear detection of perforations:</b> when double-donning with a lighter colored outer glove</li><li>■ <b>Tactile sensitivity</b> thanks to optimized wall thickness</li><li>■ <b>Ideal inner glove:</b> designed for double-donning</li><li>■ <b>As underglove</b> for sempermed® supreme or supreme plus</li></ul>			
TYPE	Sterile surgical glove for single use, powder free, with synthetic inner coating							
MATERIAL	Natural rubber latex (NR)		Natural rubber latex (NR)		Natural rubber latex (NR)			
COLOR	Natural white		Natural white		Green			
GLOVE SHAPE	Fully anatomical with curved fingers and rolled rim							
SIZE/OVERALL LENGTH as per EN 455-2	5 ½, 6 and 6 ½    median 270 mm 7, 7 ½ and 8    median 280 mm 8 ½ and 9    median 285 mm							
WALL THICKNESS measured in single layer in the palm area	0.19–0.23 mm		0.19–0.23 mm		0.17–0.20 mm			
BARRIER PERFORMANCE	AQL 0.65							
FORCE AT BREAK as per EN 455-2	≥ 12N, exceeding EN 455-2 (≥ 12N instead of 9N)							
SHELF LIFE in original packaging if stored according to product specification	3 years							
STERILIZATION	Radiation <div>STERILE R</div>							
PACKAGING	Left and right glove with turned up cuff in inner pouch, ozone-tight, sealed in peel pack. In dispenser carton with sterilization indicator: 50 pairs. In transport carton with sterilization indicator: 300 pairs.							
PURPOSE according to MD Directive 93/42/EWG / according to PPE Regulation (EU) 2016/425	Single-use medical device class IIa Single-use protective glove - PPE category III (protection against chemical substances for limited time) <sup>3)</sup>							
ARTICLE NUMBERS	EU		INT		EU		EU	
	Size 5 ½	822751521	822751525		Size 5 ½	822851521	Size 5 ½	823756521
	Size 6	822751601	822751605		Size 6	822851601	Size 6	823756601
	Size 6 ½	822751621	822751625		Size 6 ½	822851621	Size 6 ½	823756621
	Size 7	822751701	822751705		Size 7	822851701	Size 7	823756701
	Size 7 ½	822751721	822751725		Size 7 ½	822851721	Size 7 ½	823756721
	Size 8	822751801	822751805		Size 8	822851801	Size 8	823756801
	Size 8 ½	822751821	822751825		Size 8 ½	822851821	Size 8 ½	823756821
	Size 9	822751901	822751905		Size 9	822851901	Size 9	823756901

Size 6 ½

822751621

822751625

Size 6 ½

822851621

Size 6 ½

823756621

Size 7

822751701

822751705

Size 7

822851701

Size 7

823756701

Size 7 ½

822751721

822751725

Size 7 ½

822851721

Size 7 ½

823756721

Size 8

822751801

822751805

Size 8

822851801

Size 8

823756801

Size 8 ½

822751821

822751825

Size 8 ½

822851821

Size 8 ½

823756821

Size 9

822751901

822751905









Size 9

822851901

Size 9

823756901

<sup>3)</sup> Please note the Sempermed Chemical Resistance list, available on <https://www.sempermed.com/chemical-resistance-brands>

	NATURAL RUBBER LATEX (NR)	
BRAND NAME	<div> <div>  <div> <div>semper</div> <div>med</div> </div> </div> <div> <div>supreme</div> <div>duo</div> </div> </div> <div> <div>  <div> <div>semper</div> <div>med</div> </div> </div> <div> <div>derma</div> <div>PF</div> </div> </div>	
	<div>  </div> <div> <div> <div>THIURAM &amp; DPG-FREE</div> </div> <div>  </div> </div>	<div>  </div> <div> <div> <div>THIURAM &amp; DPG-FREE</div> </div> <div>  </div> </div>
PRODUCT BENEFITS	<div> <div>THE OPTIMAL DOUBLE-DONNING SOLUTION</div> <ul style="list-style-type: none"> <li>■ <b>Faster to open:</b> two gloves in one peel pack (sempermed® supreme<sup>4)</sup> + sempermed® supreme green)</li> <li>■ <b>Easy to double-don</b> thanks to an underglove that's a ½ size bigger</li> <li>■ <b>Optimal safety:</b> clear detection of perforations due to improved color indication</li> <li>■ <b>Wall thickness optimized</b> for great fit &amp; feel</li> </ul> </div>	<div> <div>A HIGHLY VALUED PROCEDURE GLOVE</div> <ul style="list-style-type: none"> <li>■ <b>A premium fit &amp; feel</b> valued by frequent users</li> <li>■ <b>Great value:</b> a quality procedure glove</li> <li>■ <b>Confident grip:</b> due to the micro-rough surface</li> <li>■ <b>Fast &amp; easy to don:</b> Quick Don™ inner coating</li> </ul> </div>
TYPE	Sterile surgical glove for single use, powder free, with synthetic inner coating	
MATERIAL	Natural rubber latex (NR)	Natural rubber latex (NR)
COLOR	Natural white + Green	Natural white
GLOVE SHAPE	Fully anatomical with curved fingers and rolled rim	
SIZE/OVERALL LENGTH as per EN 455-2	<div> <div>5 ½, 6 and 6 ½</div> <div>median 270 mm</div> </div> <div> <div>7, 7 ½ and 8</div> <div>median 280 mm</div> </div> <div> <div>8 ½ and 9</div> <div>median 285 mm</div> </div>	<div> <div>5 ½, 6 and 6 ½</div> <div>median 260 mm</div> </div> <div> <div>7, 7 ½ and 8</div> <div>median 270 mm</div> </div> <div> <div>8 ½ and 9</div> <div>median 280 mm</div> </div>
WALL THICKNESS measured in single layer in the palm area	0.19–0.23 mm + 0.17–0.20 mm	
BARRIER PERFORMANCE	AQL 0.65	
FORCE AT BREAK as per EN 455-2	≥ 12 N, exceeding EN 455-2 (≥ 12 N instead of ≥ 9 N)	
SHELF LIFE in original packaging if stored according to product specification	3 years	
STERILIZATION	Radiation <div>STERILE</div> <div>R</div>	
PACKAGING	<div>Left and right glove turned inside out, in inner pouch, ozone-tight, sealed in peel pack, double-packed.</div> <div>In dispenser carton with sterilization indicator: 25 pouches.</div> <div>In transport carton with sterilization indicator: 150 pouches.</div>	<div>Left and right glove with turned up cuff in inner pouch, ozone-tight, sealed in peel pack.</div> <div>In dispenser carton with sterilization indicator: 50 pairs.</div> <div>In transport carton with sterilization indicator: 300 pairs.</div>
PURPOSE according to MD Directive 93/42/EWG / according to PPE Regulation (EU) 2016/425	<div>Single-use medical device class IIa</div> <div>Single-use protective glove - PPE category III (protection against chemical substances for limited time)<sup>3)</sup></div> <div> <div>   </div> </div>	
ARTICLE NUMBERS	EU	
	Size 5 ½	3000007261
	Size 6	3000007262
	Size 6 ½	3000007263
	Size 7	3000007264
	Size 7 ½	3000007265
	Size 8	3000007266
	Size 8 ½	3000007267
	Size 9	3000007268
	EU	
	Size 5 ½	822751522
	Size 6	822751602
	Size 6 ½	822751622
	Size 7	822751702
	Size 7 ½	822751722
	Size 8	822751802
	Size 8 ½	822751822
	Size 9	822751902

<sup>3)</sup> Please note the Sempermed Chemical Resistance list, available on <https://www.sempermed.com/chemical-resistance-brands>

<sup>4)</sup> more transparent version, only for the sempermed® supreme DUO