

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 Regulation (EU) 2017/745 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.[1)]

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, surgical gloves have been developed and manufactured in Wimpassing, Austria. Today, the majority of sempermed® surgical gloves continue to carry this Austrian quality promise where "Made in Austria" is stated on the product label. Our Austrian site contributes long-standing expertise in surgical glove development, material know-how, production technology, and quality control.

[1)] 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.

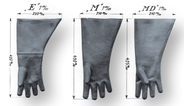
IMPORTANT NOTES: The latest product information is available at www.harpsglobal.com under the «Products» tab. Failure to observe this information, in particular with regard to (chemical) resistance, frequency of use and tolerability of the gloves, can result in personal injury and/or material damage. **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. 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 Global bears no liability for allergic reactions.**

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MILE STONES

2019/20 — FIRST GLOVES
Our first sempermed gloves are produced.





2019/60s — GLOBAL APPEAL
Sempermed surgical gloves are donned by professionals around the world.

2019/97 — 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.





2020/16 — INNOVATION AWARD
Our patented photochemical process, used to manufacture the skin-friendly, accelerator-free sempermed® syntegra UV, is awarded the prestigious EARTO innovation award

2020/20 — A CENTURY OF GLOVE EXPERTISE

100+ YEARS - EST. 1920 -



2020/21 — 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.

2020/23 — ACQUISITION BY HARPS GLOBAL
Joining forces to becoming an Infection Prevention and Protection leader.

HARPS GLOBAL



2020/26 — PORTFOLIO EXPANSION
MDR certification paves the way for further expansion of our surgical glove portfolio, including the introduction of sempermed® syntegra preCision.

HARPS Investment Asia Pte. Ltd.
1 Harbourfront Avenue, #14-07 Keppel Bay Tower
Singapore 098632
Tel.: +65 67976560
sempermed@harpsglobal.com · www.harpsglobal.com

CONTACT US

HARPS Europe GmbH
Wiedner Guertel 9-13,
1100 Vienna, Austria
Tel.: +43 1 9346348

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semper med

SURGICAL GLOVE SOLUTIONS

DEVELOPED, PRODUCED & PACKAGED IN EUROPE



	NATURAL LATEX FREE	NATURAL RUBBER LATEX (NR)		NATURAL LATEX FREE				NATURAL RUBBER LATEX (NR)		
BRAND NAME	semper med **syntegra X**	semper med **supreme**	semper med **supreme plus**	semper med **syntegra UV**	semper med **syntegra preCision**	semper med **syntegra IR**	semper med **syntegra green**	semper med **supreme green**	semper med **supreme duo**	semper med **derma PF**
										
	RADIATION ATTENUATION · NATURAL LATEX FREE	THIURAM & DPG-FREE · quick don™	THIURAM & DPG-FREE · quick don™	ACCELERATOR FREE · NATURAL LATEX FREE · quick don™	THIURAM & DPG-FREE · NATURAL LATEX FREE · quick don™	THIURAM & DPG-FREE · NATURAL LATEX FREE · quick don™	THIURAM & DPG-FREE · NATURAL LATEX FREE · quick don™	THIURAM & DPG-FREE · quick don™	THIURAM & DPG-FREE · quick don™	THIURAM & DPG-FREE · quick don™
PRODUCT BENEFITS	**A CRITICAL TOOL IN FLUOROSCOPIC SAFETY** ■ **High radiation protection:** 75% denser tungsten – superior shielding ■ **Skin-friendly:** Free from lead, latex, DPG & MBT – safe & allergen-reduced ■ **Great comfort:** Soft polyisoprene for a latex-like fit & feel ■ **Anatomical shape:** Curved design – less hand fatigue	**A PREMIUM ALL-ROUNDER YOU CAN TRUST** ■ **Extra-supple:** great comfort & tactile sensitivity ■ **Fast & easy to don:** Quick Don™ inner coating ■ **Anatomical shape:** reduces strain for wearer ■ **Skin-friendly:** washed to minimize skin irritants	**OPTIMAL GRIP IN EVERY SITUATION** ■ **Safe-grip surface:** for dry & damp applications ■ **Fast & easy to don:** Quick Don™ inner coating ■ **Anatomical shape:** reduces strain for wearer ■ **Skin-friendly:** washed to minimize skin irritants	**AWARD-WINNING PROTECTION FOR YOUR SKIN** ■ **Low-allergenic** [2]**:** suitable for Type IV sensitized individuals ■ **Polyisoprene:** suitable for Type I sensitized individuals ■ **Great comfort:** extraordinary latex-like fit & feel ■ **Fast & easy to don:** Quick Don™ inner coating ■ **Low dermatitis potential**	**NOTICEABLE PRECISION FOR ENHANCED TACTILE SENSITIVITY** ■ **Enhanced grip:** secure control via micro-textured surface ■ **Precise tactile sensitivity:** optimal balance for surgical precision ■ **High wearing comfort:** anatomical design for fatigue-free wear ■ **Skin-friendly:** free from DPG & thiurams (Type IV allergens)	**ADVANCED SKIN PROTECTION & PERFORMANCE** ■ **Low allergy risk:** innovative accelerators, latex free ■ **Fast & easy to don:** Quick Don™ inner coating ■ **Great comfort:** extraordinary latex-like fit & feel ■ **Anatomical shape:** reduces strain for wearer	**THE INNER GLOVE FOR HIGH-RISK PROCEDURES** ■ **Ideal inner glove:** designed for double-donning ■ **Skin-friendly:** innovative accelerators, latex free ■ **Great comfort:** extraordinary latex-like fit & feel ■ **Wall thickness:** optimal for high-risk surgeriess	**DOUBLE PROTECTION THAT YOU CAN TRUST** ■ **Clear detection of perforations:** when double-donning with a lighter colored outer glove ■ **Tactile sensitivity** thanks to optimized wall thickness ■ **Ideal inner glove:** designed for double-donning ■ **As underglove** for sempermed® supreme or supreme plus	**THE OPTIMAL DOUBLE-DONNING SOLUTION** ■ **Faster to open:** two gloves in one peel pack (sempermed® supreme [4] + sempermed® supreme green) ■ **Easy to double-don** thanks to an underglove that's a ½ size bigger ■ **Optimal safety:** clear detection of perforations due to improved color indication ■ **Wall thickness optimized** for great fit & feel	**A HIGHLY VALUED PROCEDURE GLOVE** ■ **A premium fit & feel** valued by frequent users ■ **Great value:** a quality procedure glove ■ **Confident grip:** due to the micro-rough surface ■ **Fast & easy to don:** Quick Don™ inner coating
TYPE	Sterile surgical glove for single use, powder free, with synthetic inner coating				Sterile surgical glove for single use, powder free, with synthetic inner coating				Sterile surgical glove for single use, powder free, with synthetic inner coating	
MATERIAL	Synthetic polyisoprene	Natural rubber latex (NR)			Synthetic polyisoprene				Natural rubber latex (NR)	
COLOR	Dark grey	Natural white	Natural white	White	Cream	Cream	Green	Green	Natural white + Green	Natural white
GLOVE SHAPE	Fully anatomical with curved fingers and rolled rim				Fully anatomical with curved fingers and rolled rim				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			5 ½, 6 and 6 ½ median 270 mm 7, 7 ½ and 8 median 280 mm 8 ½ and 9 median 285 mm			5 ½, 6 and 6 ½ median 270 mm 7, 7 ½ and 8 median 280 mm 8 ½ and 9 median 285 mm		5 ½, 6 and 6 ½ median 260 mm 7, 7 ½ and 8 median 270 mm 8 ½ and 9 median 280 mm
WALL THICKNESS measured in single layer in the palm area	Model 1 – min. 0.24mm Model 2 – min. 0.32mm	0.20–0.23 mm	0.20–0.23 mm	0.19-0.25 mm	0.17-0.20 mm	0.20–0.24 mm	0.20–0.24 mm	0.18–0.20 mm	inner glove 0.18–0.20 mm outer glove 0.20–0.23 mm	0.17–0.20 mm
BARRIER PERFORMANCE	AQL 0.65				AQL 0.65				AQL 0.65	
FORCE AT BREAK as per EN 455-2	≥ 9 N	≥ 12 N, exceeding EN 455-2 (≥ 12 N instead of 9 N)			≥ 9 N			≥ 12 N, exceeding EN 455-2 (≥ 12 N instead of 9 N)	≥ 12 N, exceeding EN 455-2 (≥ 12 N instead of ≥ 9 N)	
SHELF LIFE	3 years in original packaging if stored according to product specification				3 years in original packaging if stored according to product specification				3 years in original packaging if stored according to product specification	
STERILIZATION	Radiation STERILE R				Radiation STERILE R				Radiation STERILE R	
PACKAGING	1 pair with folded cuffs in folded bag protected against microbiological contamination. 5 pairs per dispenser box: 60 x 157 x 290mm 4 boxes per transport carton: 135 x 293 x 330mm	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.		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 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.			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.	Left and right glove turned inside out, in inner pouch, ozone-tight, sealed in peel pack, double-packed. In dispenser carton with sterilization indicator: 25 pouches. In transport carton with sterilization indicator: 150 pouches.	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 MDR (EU) 2017/745 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) [3]				Single-use medical device class IIa Single-use protective glove - PPE category III (protection against chemical substances for limited time) [3]				Single-use medical device class IIa Single-use protective glove - PPE category III (protection against chemical substances for limited time) [3]	

ARTICLE NUMBERS

	MODEL 1	MODEL 2	EU	INT	EU	EU	EU	EU	EU	EU	EU	EU	EU
Size 5						827058521	3000016672	827056521	827053521	823756521	3000007261		822751522
Size 5 ½			822751521	822751525	822851521								
Size 6	3000016263	3000016271	822751601	822751605	822851601	827058601	3000016673	827056601	827053601	823756601	3000007262	822751602	822751602
Size 6 ½	3000016264	3000016272	822751621	822751625	822851621	827058621	3000016674	827056621	827053621	823756621	3000007263	822751622	822751622
Size 7	3000016265	3000016273	822751701	822751705	822851701	827058701	3000016675	827056701	827053701	823756701	3000007264	822751702	822751702
Size 7 ½	3000016266	3000016274	822751721	822751725	822851721	827058721	3000016676	827056721	827053721	823756721	3000007265	822751722	822751722
Size 8	3000016267	3000016275	822751801	822751805	822851801	827058801	3000016677	827056801	827053801	823756801	3000007266	822751802	822751802
Size 8 ½	3000016268	3000016276	822751821	822751825	822851821	827058821	3000016678	827056821	827053821	823756821	3000007267	822751822	822751822
Size 9	3000016269	3000016277	822751901	822751905	822851901	827058901	3000016679	827056901	827053901	823756901	3000007268	822751902	822751902

[2] 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

[3] Please note the Sempermed Chemical Resistance list, available on https://www.harpsglobal.com/chemical-resistance-brands

[4] more transparent version, only for the sempermed® supreme DUO