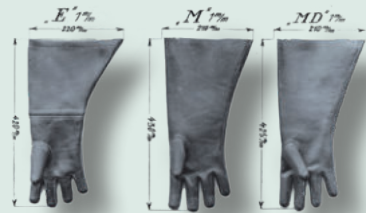


Milestones

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



FIRST GLOVES

Our first Sempermed gloves are produced.

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THE SEMPERGUARD® BRAND

The industrial glove portfolio is launched, including the trusted semperguard® Xpert – our first nitrile glove.



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A CENTURY OF GLOVE EXPERTISE



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ACQUISITION BY HARPS Global PTE. Ltd.

Joining forces to becoming an Infection Prevention and Protection Leader.

Semperguard gloves are certified as Personal Protective Equipment according to PPE Regulation (EU) 2016/425, and most are also CE Class I medical devices under the Medical Device Regulation (EU) 2017/745.



Certified hand protection

With over 100 years of expertise, we produce high-quality disposable protective gloves tailored to the needs of diverse industries. In laboratories, our gloves deliver an

ideal balance of comfort and reliable chemical protection.* For pharmaceutical applications, our skin-friendly nitrile gloves ensure enhanced tactile sensitivity while reducing allergy risks through innovative, latex-free manufacturing. Food handling is simplified with gloves that meet HACCP standards and are available in practical, color-coded options. Industrial tasks are made safer with gloves designed for splash resistance, chemical protection, and precision work. For cleaning services, our gloves offer robust protection against various substances, ease of donning, and good value for money.



Protective glove solutions

Hand protection expertise since 1920

*According to chemical list on <https://www.sempermed.com/knowledge-area/chemical-resistance/chemical-resistance-sempermed-brands/>
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. HARPS is not liable for incorrect use of the gloves nor will HARPS 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 bears no liability for allergic reactions.** *Copyright 2025 HARPS

PERSONAL PROTECTIVE EQUIPMENT												
Level of protection (glove weight)	Nitrile Butadiene Rubber (NBR)									natural latex		vinyl
	Low	Regular				High		Max		Regular		
	semperguard® aeroTouch	semperguard® skySense	semperguard® sapphire	semperguard® sapphire XP	semperguard® sapphire XP black	semperguard® force blue	semperguard® force black	semperguard® Xpert	semperguard® Xpert black	semperguard® latex comfort	semperguard® latex force	semperguard® vinyl comfort
Key glove features												
	LIGHT AS AIR • 2.2g nitrile - Thin, yet robust • improved tactile sensitivity • comfortable fit and reduced hand fatigue • easy donning and doffing • versatile use from food handling to cleaning	YOUR DAILY CHOICE • suitable for various applications as per intended use • effective and secure grip thanks to the texturization in the finger area	XTRA SENSITIVE NITRILE • appealing color • very soft and comfortable to wear • good sensitivity and tactile sense	LIGHT NITRILE • violet blue color ideal for food handling (HACCP) • high wearing comfort • balanced thickness and tactile sense	BLACK NITRILE • stylish black color • excellent elasticity • secure grip thanks to texturing in the finger area	STURDY NITRILE • signal color blue (HACCP standard) • high wearing comfort • good chemical resistance*	THE STURDY BLACK NITRILE • black color conceals stains effectively • enhanced durability • secure grip	STRONG NITRILE • extra wall thickness • more resilience • good chemical protection*	STRONG BLACK NITRILE • highly resilient due to increased wall thickness • fully textured for optimized grip in damp and wet applications	COMFORTABLE LATEX • natural white • excellent elasticity • good tactility / very comfortable to wear	THE LATEX ALLROUNDER • extra wall thickness • high tear resistance / excellent elasticity • great sense of touch & wearing comfort	POWDER FREE VINYL • transparent • free from latex proteins and accelerators • DOP-free • for light duty tasks and non-fatty food handling
Color	 regular blue	 regular blue	 violet blue	 violet blue	 black	 ocean blue	 black	 green blue	 black	 natural white	 natural white	 transparent
Internal finish	powder-free	powder-free	powder-free	powder-free	powder-free	powder-free	powder-free	powder-free	powder-free	powder-free	powder-free	powder-free
Length as per EN 455-2	min. 230 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm	median ≥ 240 mm
Wall thickness measured in single layer in the palm area	min. 0.04 mm	min. 0.05 mm typical 0.06 mm	min. 0.05 mm typical 0.06 mm	min. 0.06 mm typical 0.07 mm	min. 0.06 mm typical 0.07 mm	min. 0.08 mm typical 0.09 mm	min. 0.08 mm typical 0.09 mm	min. 0.11 mm typical 0.12 mm	min. 0.11 mm typical 0.12 mm	min. 0.08 mm typical 0.10 mm	min. 0.10 typical 0.11 mm	min. 0.07 mm
Force at Break typical production values after aging	median ≥ 3.6 N	median ≥ 6 N	median ≥ 6.5 N	median ≥ 7 N	median ≥ 6 N	median ≥ 9 N	median ≥ 9 N	median ≥ 12 N	median ≥ 12 N	median ≥ 6 N	median ≥ 7 N	median ≥ 3.6 N
AQL for pinholes (inspection level G1)	4.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5
Glove surface	finger textured	finger textured	finger textured	finger textured	finger textured	finger textured	finger textured	fully textured	fully textured	finger textured	textured	smooth
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
Personal protective equipment according to PPE Regulation (EU) 2016/425		CE Category I minimal 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 I minimal risk
EN 455		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EN ISO 21420	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EN ISO 374-1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
EN ISO 374-5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
EN 421						✓	✓	✓	✓			
Safety & Protection		✓	✓	✓	✓	✓	✓	✓	✓		✓	
Laboratory & Pharma			✓	✓	✓	✓		✓			✓	
Food & Beverage		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ (for non-fatty food)
Cleaning & Sanitation		✓	✓	✓	✓	✓	✓			✓	✓	✓
Beauty, Body Art & Hairdresser		✓		✓	✓	✓	✓			✓	✓	✓
Consumer & Retail		✓		✓	✓	✓	✓			✓	✓	✓
Automotive						✓	✓	✓	✓			

*Please note the Semperguard Chemical Resistance list is available on <https://www.sempermed.com/chemical-resistance-brands>