

AT A GLANCE

SURGICAL GLOVES FOR SINGLE USE FROM SEMPERMED



	sempermed  syntegra IR	sempermed  syntegra green	sempermed  supreme	sempermed  supreme plus
TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining	Sterile surgical glove for single use, powder-free, with synthetic lining	Sterile surgical glove for single use, powder-free, with synthetic lining	Sterile surgical glove for single use, powder-free, with synthetic lining
MATERIAL	Synthetic polyisoprene	Synthetic polyisoprene	Natural rubber latex (NR)	Natural rubber latex (NR)
COLOUR	Cream	Green	Natural white	White
WALL THICKNESS measured in single layer in the palm area	0.19 - 0.24 mm	min. 0.15 mm	0.19 - 0.23 mm	0.19 - 0.23 mm
FORCE AT BREAK as per EN 455-2	≥ 9 N	≥ 9 N	≥ 12 N	≥ 12 N



	sempermed  green M	sempermed  senso	sempermed  derma PF	sempermed  derma plus
TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining	Sterile surgical glove for single use, powder-free	Sterile surgical glove for single use, powder-free, with synthetic lining	Sterile surgical glove for single use, lightly powdered
MATERIAL	Natural rubber latex (NR)	Natural rubber latex (NR)	Natural rubber latex (NR)	Natural rubber latex (NR)
COLOUR	Green	Brown	White	White
WALL THICKNESS measured in single layer in the palm area	min. 0.20 mm	0.14 - 0.18 mm	0.19 - 0.23 mm	0.19 - 0.24 mm
FORCE AT BREAK as per EN 455-2	≥ 12 N	≥ 12 N	≥ 12 N	≥ 12 N

sempermed® 

DESIGNED AROUND YOUR HANDS

SURGICAL GLOVES



CONTACT US!

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YOUR HANDS IN BEST HANDS

With more than 90 years of research and production know-how, surgical gloves by Sempermed stand for supreme safety and professionalism.

Above all, the Sempermed surgical gloves excel with their unique combination of perfect grip, optimal tactile properties and maximum comfort. The broad product range of classical surgical gloves and special gloves with specific product and material properties offers the right solution for every need.

The competence of a European manufacturer combined with local personal service makes Sempermed your problem-solver in all issues concerning surgical gloves.

OPTIMUM SAFETY

Supreme Performance with Tact



You work in a highly sensitive area that requires precise motor activity and an optimal tactile sense. The decisive factor for maximum safety with excellent tactile properties is the wall thickness. Due to the resistance of the latex film in all Sempermed surgical gloves, the wall thickness of the gloves has been reduced to a level that offers you unrestricted tactile properties and at the same time guarantees maximum safety.

TIRELESS AND SAFE WORK

Maximum Comfort



The demands of surgery for fully anatomically shaped gloves that allow you to work tirelessly were the basis for years of work developing the glove shape. The glove is shaped like a relaxed hand with natural, curved fingers, and it guarantees that you will be able to work tirelessly with the Sempermed surgical gloves. Other major features of the Sempermed glove shape are the extra-wide back of the hand, which reduces signs of fatigue, and the conical shaft tuned to the anatomy of the wrist, the rolled rim of which provides a safe border to the surgical gown.

PERFECT INSTRUMENT GUIDANCE

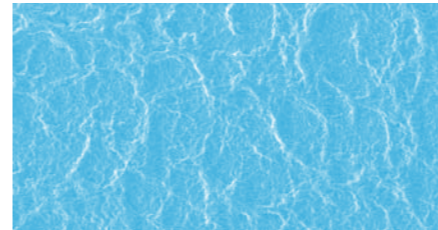
Sure Grip for a Safe Feeling



The perfect surgical glove is never slippery, but at the same time the instruments must not stick to it either. In order to create the perfect glove, the surface of the porcelain immersion moulds for Sempermed gloves is microrough and thus ensures that the gloves have ideal grip. This grip is also optimised by further chemical surface treatment. Within the range of Sempermed surgical gloves, the Sempermed Supreme Plus offers you maximum grip and at the same time combines supreme safety, ideal tactile sense and perfect instrument guidance!

PATENTED TECHNOLOGY – EASY TO DON

Web-like structure of the lining: reduced friction → easier to don



INTRA-OPERATIVE GLOVE CHANGE



DOUBLE GLOVE – DOUBLE PROTECTION



EXCELLENT SKIN TOLERANCE

For the Benefit of Your Skin



RESPONSIBILITY FOR GENERATIONS



QUALITY FROM THE HEART OF EUROPE



The patented, synthetic lining of powder-free surgical gloves does not have a smooth surface; instead, its web-like structure reduces the friction resistance considerably when donning the gloves. The structure makes it easier for the glove to fit snugly to the surface of the skin and thus improves the wearing comfort.

According to studies, 10-45% of all surgical gloves have perforations depending on the respective application. Up to 50.5% of these perforation occur within the first 30 minutes of surgery (see PubMed papers: „The risk of surgical glove perforation“ Norway March 2007 and “Glove perforation rate in open lung surgery“ Vienna 1999). During longer surgery there is also perspiration between the skin surface and the glove. The special lining of the Sempermed surgical gloves makes them very easy to don.

In particularly difficult situations or with high risk patients, two gloves worn on top of each other provide maximum safety. Sempermed surgical gloves guarantee that two gloves can be donned on top of each other without any problems. Recommendation: The inner glove should be half a size bigger than your standard size.

In the specifically developed, automated Semperit finishing process, the Sempermed gloves are washed several times. As a result, skin-irritating substances resulting from production and the protein content of the natural rubber latex are reduced to the minimum that is technically possible. This reduces the risk of particle load from particles in the operating room and the formation of granulomas on the patient significantly. The broad range of powder-free surgical gloves for various needs is a standard based on medical, human and health factors that goes without saying.

With the production of surgical gloves Sempermed is not only assuming responsibility for your safety, but also for the welfare of future generations. For us, production with environmentally friendly high-tech processes and machinery as well as the reduction of aggressive chemicals in finishing through innovative methods and constant environmentally friendly optimisation of the production processes go without saying.

In addition to research and development, safety and quality have top priority at Sempermed. As a result of consistently high product quality and permanent striving for perfection, our AQL values (Acceptable Quality Level – one of the most important quality criteria in production) are lower than the statutory AQL limit. The central location of our European production facility with maximum demands on quality control and on research and development of the highest European level is our contribution towards your safety.

sempermed® syntegra IR



THE PROPHYLAXIS FOR LATEX ALLERGY – The Innovation in the Operating Room: synthetic polyisoprene (IR) excels with the same physical properties as natural latex: maximum elasticity and tear resistance, with low tension.

PRODUCT HIGHLIGHTS

- Synthetic polyisoprene benefits the surgeon, surgical staff and patient
- Powder-free, free from natural rubber latex, free from allergenic proteins
- Optimum safety
- Perfect grip through micro-rough surface texture, even in a moist environment
- Tactile sense as with natural rubber latex
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining		
MATERIAL	Synthetic polyisoprene NATURAL LATEX FREE		
COLOUR	Cream		
GLOVE SHAPE	Fully anatomical with rolled rim		
OVERALL LENGTH/SIZE as per EN 455-2	5½, 6 and 6½ 7, 7½ and 8 8½ and 9	min. 270 mm min. 280 mm min. 285 mm	
WALL THICKNESS measured in single layer in the palm area	0.19 - 0.24 mm		
IMPERMEABILITY as per EN 455-1	AQL 1.0		
FORCE AT BREAK as per EN 455-2	≥ 9 N		
DURABILITY in original packaging when stored as per DIN 7716, ISO 2230	3 years		
STERILISATION	Gamma radiation with at least 2.5 Mrad [25 kGy]		
PACKAGING	Left and right glove turned up cuff, in fiber-free inner pouch, ozone-tight, sealed in flat medical bag in dispenser carton with Sterilisation indicator: 40 pairs in transport carton with Sterilisation indicator: 240 pairs		

ARTICLE NUMBERS

Size 5.5	827056521	Size 7.5	827056721
Size 6.0	827056601	Size 8.0	827056801
Size 6.5	827056621	Size 8.5	827056821
Size 7.0	827056701	Size 9.0	827056901

sempermed® supreme



QUALITY ALL ALONG THE LINE – Sempermed Supreme stands for quality and reliability; not without reason it is one of the most frequently used powder-free surgical gloves in Europe.

PRODUCT HIGHLIGHTS

- Patented synthetic lining for easy donning and removal
- Washed several times, absolutely powder-free
- Excels with very good skin tolerance
- No particle load in the operating room and patient from powder particles, no formation of granulomas
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining		
MATERIAL	Natural rubber latex (NR)		
FARBE	Natural white		
GLOVE SHAPE	Fully anatomical with rolled rim		
OVERALL LENGTH/SIZE as per EN 455-2	5½, 6 and 6½ 7, 7½ and 8 8½ and 9	min. 270 mm min. 280 mm min. 285 mm	
WALL THICKNESS measured in single layer in the palm area	0.19 - 0.23 mm		
IMPERMEABILITY as per EN 455-1	AQL 1.0		
FORCE AT BREAK as per EN 455-2	≥ 12 N		
DURABILITY in original packaging when stored as per DIN 7716, ISO 2230	3 years		
STERILISATION	Gamma radiation with at least 2.5 Mrad [25 kGy]		
PACKAGING	Left and right glove turned inside out, in fiber-free inner pouch, ozone-tight, sealed in flat medical peel pack. in dispenser carton with Sterilisation indicator: 50 pairs in transport carton with Sterilisation indicator: 300 pairs		

ARTICLE NUMBERS

Size 5.5	822751521	Size 7.5	822751721
Size 6.0	822751601	Size 8.0	822751801
Size 6.5	822751621	Size 8.5	822751821
Size 7.0	822751701	Size 9.0	822751901

sempermed® syntegra green



FOR IMPROVED SAFETY – The ideal inner glove: The green colour facilitates the detection of a glove perforation during operating procedures. This polyisoprene glove in combination with Sempermed Syntegra IR is the optimum glove solution in respect of skin friendliness and comfort.

PRODUCT HIGHLIGHTS

- Synthetic polyisoprene benefits the surgeon, surgical staff and patient
- Powder-free, free from natural rubber latex, free from allergenic proteins
- Optimum safety
- Tactile sense as with natural rubber latex
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers
- For maximum safety in particularly critical situations, Sempermed recommends wearing two pairs of gloves on top of each other

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining		
MATERIAL	Synthetic polyisoprene NATURAL LATEX FREE		
COLOUR	Green		
GLOVE SHAPE	Fully anatomical with rolled rim		
OVERALL LENGTH/SIZE as per EN 455-2	5½ 6, 6½, 7 7½, 8, 8½ and 9	min. 275 mm min. 280 mm min. 290 mm	
WALL THICKNESS measured in single layer in the palm area	min. 0.15 mm		
IMPERMEABILITY as per EN 455-1	AQL 1.0		
FORCE AT BREAK as per EN 455-2	≥ 9 N		
DURABILITY in original packaging when stored as per DIN 7716, ISO 2230	3 years		
STERILISATION	Gamma radiation with at least 2.5 Mrad [25 kGy]		
PACKAGING	Left and right glove turned inside out, in fiber-free inner pouch, ozone-tight, sealed in flat medical peel pack. in dispenser carton with Sterilisation indicator: 40 pairs in transport carton with Sterilisation indicator: 240 pairs		

ARTICLE NUMBERS

Size 5.5	827053521	Size 7.5	827053721
Size 6.0	827053601	Size 8.0	827053801
Size 6.5	827053621	Size 8.5	827053821
Size 7.0	827053701	Size 9.0	827053901

sempermed® supreme plus



SURE GRIP – Sure grip in every situation with maximum safety, ideal tactile sense and perfect instrument handling.

PRODUCT HIGHLIGHTS

- Best grip within the Sempermed product range
- Patented synthetic lining for easy donning and removal
- Washed several times, absolutely powder-free
- No particle load in the operating room and patient from powder particles, no formation of granulomas
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining		
MATERIAL	Natural rubber latex (NR)		
COLOUR	White		
GLOVE SHAPE	Fully anatomical with rolled rim		
OVERALL LENGTH/SIZE as per EN 455-2	5½, 6 and 6½ 7, 7½ and 8 8½ and 9	min. 270 mm min. 280 mm min. 285 mm	
WALL THICKNESS measured in single layer in the palm area	0.19 - 0.23 mm		
IMPERMEABILITY as per EN 455-1	AQL 1.0		
FORCE AT BREAK as per EN 455-2	≥ 12 N		
SHELF-LIFE in original packaging when stored as per DIN 7716, ISO 2230	3 years		
STERILISATION	Gamma radiation with at least 2.5 Mrad [25 kGy]		
PACKAGING	Left and right glove turned up cuff, in fiber-free inner pouch, ozone-tight, sealed in flat medical peel pack. in dispenser carton with Sterilisation indicator: 50 pairs in transport carton with Sterilisation indicator: 300 pairs		

ARTICLE NUMBERS

Size 5.5	822851521	Size 7.5	822851721
Size 6.0	822851601	Size 8.0	822851801
Size 6.5	822851621	Size 8.5	822851821
Size 7.0	822851701	Size 9.0	822851901

sempermed® green M



THE IDEAL INNER GLOVE – The green colour facilitates the detection of a glove perforation during operating procedures. In combination with Sempermed Supreme or Sempermed Supreme Plus is the optimum glove solution in respect of safety and comfort.

PRODUCT HIGHLIGHTS

- For maximum safety in particularly critical situations, Sempermed recommends wearing two pairs of gloves on top of each other
- Powder-free natural latex glove
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining	
MATERIAL	Natural rubber latex (NR)	
COLOUR	Green	
GLOVE SHAPE	Fully anatomical with rolled rim	
OVERALL LENGTH/SIZE as per EN 455-2	5½ 6, 6½ and 7 7½, 8, 8½ and 9	min. 275 mm min. 280 mm min. 290 mm
WALL THICKNESS measured in single layer in the palm area	min. 0.20 mm	
IMPERMEABILITY as per EN 455-1	AQL 1.0	
FORCE AT BREAK as per EN 455-2	≥ 12 N	
DURABILITY in original packaging when stored as per DIN 7716, ISO 2230	3 years	
STERILISATION	Gamma radiation with at least 2.5 Mrad (25 kGy)	
PACKAGING	Left and right glove turned inside out, in fiber-free inner pouch, ozone-tight, sealed in flat medical bag in dispenser carton with Sterilisation indicator: 40 pairs in transport carton with Sterilisation indicator: 240 pairs	

ARTICLE NUMBERS

Size 5.5	823756521	Size 7.5	823756721
Size 6.0	823756601	Size 8.0	823756801
Size 6.5	823756621	Size 8.5	823756821
Size 7.0	823756701	Size 9.0	823756901

sempermed® senso



FOR PARTICULARLY SENSITIVE AREAS – The extra-thin surgical glove Sempermed Senso allows for precise fine motor activities, ideal tactile sense and good grip with maximum safety, even in highly sensitive areas. Developed specially for the demands of microsurgery, particularly suitable for applications e.g. in neurology, endoscopy, eye and vascular surgery.

PRODUCT HIGHLIGHTS

- Washed several times, absolutely powder-free
- Maximum safety through even wall thickness distribution
- Perfect grip through micro-rough surface texture
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, powder-free	
MATERIAL	Natural rubber latex (NR)	
COLOUR	Brown	
GLOVE SHAPE	Fully anatomical with rolled rim	
OVERALL LENGTH/SIZE as per EN 455-2	5½ 6, 6½, 7, 7½, 8, 8½ and 9	min. 250 mm min. 280 mm
WALL THICKNESS measured in single layer in the palm area	0.14 - 0.18 mm	
IMPERMEABILITY as per EN 455-1	AQL 1.0	
FORCE AT BREAK as per EN 455-2	≥ 12 N	
DURABILITY in original packaging when stored as per DIN 7716, ISO 2230	3 years	
STERILISATION	Gamma radiation with at least 2.5 Mrad (25 kGy)	
PACKAGING	Left and right hand with turned up cuff in fibre-free inner pouch, ozone-tight, sealed in medical peel pack. In dispenser carton with sterilisation indicator: 50 pairs In transport carton with sterilisation indicator: 300 pairs	

ARTICLE NUMBERS

Size 5.5	821751521	Size 7.5	821751721
Size 6.0	821751601	Size 8.0	821751801
Size 6.5	821751621	Size 8.5	821751821
Size 7.0	821751701	Size 9.0	821751901

sempermed® derma PF



FOR SENSITIVE HANDS – The economic alternative for sensitive hands offers better grip combined with an optimal tactile sense and sure instrument handling.

PRODUCT HIGHLIGHTS

- Powder-free and extremely skin tolerable
- Easy to don
- Sure instrument guidance through optimal grip
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, powder-free, with synthetic lining	
MATERIAL	Natural rubber latex (NR)	
COLOUR	White	
GLOVE SHAPE	Fully anatomical with rolled rim	
OVERALL LENGTH/SIZE as per EN 455-2	5½, 6 and 6½ 7, 7½ and 8 8½ and 9	min. 265 mm min. 275 mm min. 280 mm
WALL THICKNESS measured in single layer in the palm area	0.19 - 0.23 mm	
IMPERMEABILITY as per EN 455-1	AQL 1.5	
FORCE AT BREAK as per EN 455-2	≥ 12 N	
DURABILITY in original packaging when stored as per DIN 7716, ISO 2230	3 years	
STERILISATION	Gamma radiation with at least 2.5 Mrad (25 kGy)	
PACKAGING	Left and right glove turned up cuff, in fiber-free inner pouch, ozone-tight, sealed in flat medical peel pack. in dispenser carton with Sterilisation indicator: 50 pairs in transport carton with Sterilisation indicator: 300 pairs	

ARTICLE NUMBERS

Size 5.5	822751522	Size 7.5	822751722
Size 6.0	822751602	Size 8.0	822751802
Size 6.5	822751622	Size 8.5	822751822
Size 7.0	822751702	Size 9.0	822751902

sempermed® derma plus



PRODUCED SAFETY – The surgical gloves manufactured using the specially developed double-immersion process excel with good donning properties and an AQL of 1.0.

PRODUCT HIGHLIGHTS

- High tear resistance and reliable impermeability through double-immersion production process
- Perfect grip through micro-rough surface texture, even in a moist environment
- Anatomically perfect shape with broader and more comfortable back of the hand and naturally curved fingers

TECHNICAL DATA

TYPE	Sterile surgical glove for single use, lightly powdered	
MATERIAL	Natural rubber latex (NR)	
POWDER	Pure maize starch	
COLOUR	White	
GLOVE SHAPE	Fully anatomical with rolled rim	
OVERALL LENGTH/SIZE as per EN 455-2	6 and 6½ 7 and 7½ 8, 8½ and 9	min. 270 mm min. 280 mm min. 285 mm
WALL THICKNESS measured in single layer in the palm area	0.19 - 0.24 mm	
IMPERMEABILITY as per EN 455-1	AQL 1.0	
FORCE AT BREAK as per EN 455-2	≥ 12 N	
DURABILITY in original packaging when stored as per DIN 7716, ISO 2230	5 years	
STERILISATION	Gamma radiation with at least 2.5 Mrad (25 kGy)	
PACKAGING	Left and right glove turned inside out, in fiber-free inner pouch, ozone-tight, sealed in flat medical bag in dispenser carton with Sterilisation indicator: 50 pairs in transport carton with Sterilisation indicator: 300 pairs	

ARTICLE NUMBERS

Size 6.0	823152609	Size 8.0	823152809
Size 6.5	823152629	Size 8.5	823152829
Size 7.0	823152709	Size 9.0	823152909
Size 7.5	823152729		