






# DESIGNED AROUND YOUR HANDS






## EXAMINATION GLOVES



Sempercare® Nitrile – feel your safety  
Sempercare® Nitrile Skin 2 – discover your 2<sup>nd</sup> skin  
Sempercare® Premium – experience the excellence  
Sempercare® Vinyl – discover the protection for users with type I and type VI allergies  
Sempercare® Syn-Strech – feel your synthetic alternative  
Sempercare® Nitrile Shine – appreciate the progress  
Sempercare® Edition – know your comfort

SEMPERCARE® NITRILE PORTFOLIO							
Brand Name	Sempercure® nitrile	Sempercure® nitrile sky	Sempercure® nitrile aloe	Sempercure® nitrile shine+	Sempercure® nitrile shine	Sempercure® nitrile skin <sup>2</sup>	
							
KEY GLOVE FEATURES	1) good chemical resistance (acc. to chemical list)* 2) 9N force at break (typical prod. value) 3) suitable for specific cytostatics (acc. to cytostatics list)	1) good resistance to chemicals* 2) fully textured 3) optimised wearing comfort	1) aloe & vitamin E coated 2) higher wearing comfort 3) great tactile sense	1) longer cuff: 265 mm 2) higher wallthickness 3) improved opening flap	1) white color 2) high wearing comfort 3) great tactile sense	1) lavender blue colored 2) high wearing comfort due to soft material 3) great tactile sense	
BASIC INFORMATION							
Reference Number	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 53x27 („x“ = 6 for S, 7 for M, 8 for L)	8267 9693. („x“: 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8267 8064x („x“: 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8267 7843. („x“: 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	150 pcs. 8267 8103x 200 pcs. 8267 8083x („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)
Material	nitrile-butadien-rubber	nitrile-butadien-rubber	nitrile-butadien-rubber	nitrile-butadien rubber	nitrile-butadien-rubber	nitrile-butadien-rubber	nitrile-butadien-rubber
Powder-free/powdered sterile/unsterile	powder free unsterile	powder free sterile	powder free unsterile	powder free unsterile	powderfree unsterile	powderfree unsterile	powderfree unsterile
Length	median 240 mm	median 240 mm	median 240 mm	median 240 mm	median 265 mm	median 240 mm	median 240 mm
Inner	chlorinated	chlorinated	chlorinated	aloe coated	chlorinated	chlorinated	inner coated / chlorinated
Surface	smooth, finger textured	smooth, finger textured	grippy, fully textured	smooth, finger textured	smooth, finger textured	smooth, finger textured	smooth, finger textured
Typical production values thickness @ palm (double)	median 0.20 mm	median 0.20 mm	median 0.17 mm	median 0.14 mm	median 0.15 mm	median 0.14 mm	median 0.14 mm
FORCE AT BREAK typical production value	median 9 N	median 9 N	median 7 N	median 6 N	median 6 N	median 6 N	median 6 N
Durability	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Color	blue	blue	sky-blue	lavender-blue	white	white	lavender-blue
Proteins	no	no	no	no	no	no	no
Accelerating chemicals	✓	✓	✓	✓	✓	✓	✓
LABELLING							
MDD (medical device directive)	CE Class I	CE Class Is	CE Class I	CE Class I	CE Class I	CE Class I	CE Class I
PPE (personal protective equipment)	CE Category III complex risk	no	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
ASTM	✓	✓	✓	✓	✓	✓	✓
EN 455	✓	✓	✓	✓	✓	✓	✓
EN 420	✓	✓	✓	✓	✓	✓	✓
EN 374-1, -2	✓	✓	✓	✓	✓	✓	✓
EN 374-3	✓	✓	✓	✓	✓	✓	✓
AQL for pinholes (inspection level G1)	1.5	1.5	1.5	1.5	1.5	1.5	1.0 & 1.5
Food	✓	✓	✓	no	✓	✓	✓
USAGE RECOMMENDATION							
Hospital	✓	✓	✓		✓	✓	✓
Long Term Care		✓				✓	✓
Medical Practitioners				✓		✓	✓
Dental Sector		✓	✓	✓			✓
PACKAGING / LOGISTIC INFORMATION							
Available sizes	XS/S/M/L/XL	S/M/L	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
Pcs / dispenser	XS/S/M/L: 100 or 200 pcs. XL: 90 or 180 pcs.	S/M/L: 50 paris	XS/S/M/L: 100 pcs. XL: 90 pcs.	XS/S/M/L: 200 pcs. XL: 180 pcs.	XS/S/M/L: 200 pcs. XL: 180 pcs.	XS/S/M/L: 150 or 200 pcs. XL: 135or 180 pcs.	XS/S/M/L: 100 or 200 pcs. XL: 90 or 180 pcs.
Pcs / transport carton	XS/S/M/L: 1.000 or 2.000 pcs XL: 900 or 1.800 pcs.	S/M/L: 300 pairs	XS/S/M/L: 1.000 pcs XL: 900 pcs.	XS/S/M/L: 2.000 pcs. XL: 1800 pcs.	XS/S/M/L: 2.000 pcs. XL: 1800 pcs.	XS/S/M/L: 1.500 or 2.000 pcs. XL: 1.350 or 1800 pcs.	XS/S/M/L: 1.000 or 2.000 pcs. XL: 900 or 1800 pcs.

SEMPERCARE® LATEX POWDER-FREE PORTFOLIO				
Brand Name	Sempercure® premium		Sempercure® edition IC	Sempercure® edition
				
KEY GLOVE FEATURES	1) special synthetic inner coating for skin friendliness & easier donning 2) 9N force at break (typical prod. value) 3) extra-smooth surface & extra large pass formers		1) special synthetic inner coating for skin friendliness & easier donning 2) fully textured - overall grip 3) high wearing comfort	1) online chlorinated for easy donning 2) finger textured for good handling of instruments 3) high wearing comfort
BASIC INFORMATION				
Reference Number	8237 8104x („x“ = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	8267 59x27 („x“ = 6 for S, 7 for M, 8 for L)	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)
Material	natural latex	natural latex	natural latex	natural latex
Powder-free/powdered sterile/unsterile	powderfree unsterile	powderfree sterile	powder free unsterile	powder free unsterile
Length	median 240 mm	median 240 mm	median 240 mm	median 240 mm
Inner	inner coated / chlorinated	inner coated / chlorinated	inner coated	chlorinated
Surface	extra smooth, finger textured	extra smooth, finger textured	grippy, fully textured	grippy, finger textured
Typical production values thickness @ palm (double)	median 0.27 mm	median 0.27 mm	median 0.24 mm	median 0.21 mm
FORCE AT BREAK typical production value	median 9 N	median 9 N	median 8 N	median 6 N
Durability	3 years	3 years	3 years	3 years
Color	natural white	natural white	white	natural white
Proteins	✓	✓	✓	✓
Accelerating chemicals	✓	✓	✓	✓
LABELLING				
MDD (medical device directive)	CE Class I	CE Class Is	CE Class I	CE Class I
PPE (personal protective equipment)	CE Category III complex risk	no	CE Category III complex risk	CE Category III complex risk
ASTM	✓	✓	✓	✓
EN 455	✓	✓	✓	✓
EN 420	✓	✓	✓	✓
EN 374-1, -2	✓	✓	✓	✓
EN 374-3	✓	✓	✓	✓
AQL for pinholes (inspection level G1)	1.5	1.5	1.5	1.5
Food	✓	✓	✓	✓
USAGE RECOMMENDATION				
Hospital	✓	✓		✓
Long Term Care	✓	✓		✓
Medical Practitioners	✓		✓	✓
Dental Sector			✓	✓
PACKAGING / LOGISTIC INFORMATION				
Available sizes	XS/S/M/L/XL	S/M/L	XS/S/M/L/XL	XS/S/M/L/XL
Pcs / dispenser	XS/S/M/L: 100 pcs. XL: 90 pcs.	S/M/L: 40 pairs	XS/S/M/L: 100 pcs. XL: 90 pcs.	XS/S/M/L: 100 pcs. XL: 90 pcs.
Pcs / transport carton	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	S/M/L: 240 pairs	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	XS/S/M/L: 1.000 pcs. XL: 900 pcs.

SEMPERCARE® LATEX POWDERED AND VINYL						
Brand Name	Sempercure® latex powdered	Sempermed® latex powdered ASTM	Sempercure® syn-stretch	Sempercure® vinyl powderfree	Sempercure® vinyl powdered	
						
KEY GLOVE FEATURES	1) powdered for easy donning 2) finger textured for good handling of instruments 3) high wearing comfort	1) powdered for easy donning 2) finger textured for good handling of instruments 3) high wearing comfort	1) more elastic than usual Vinyl gloves 2) free of natural rubber latex (suitable for people with type I allergy) 3) free from accelerant chemicals	1) free of natural rubber latex (suitable for people with type I allergy) 2) free from accelerant chemicals (suitable for people with type IV allergy) 3) DOP free		
BASIC INFORMATION						
Reference Number	8239 8102x („x“ = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	pcs. 8261 52x27 pair 8262 52x27 („x“ = 6 for S, 7 for M, 8 for L)	8239 8022x („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)	100 pcs. 8257 8103x 200 pcs. 8257 9193x („x“ = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)	100 pcs. 8259 8102x 200 pcs. 8259 9182x („x“ = 1 for XS, 3 for S, 5 for M, 7 for L, 9 for XL)
Material	natural latex	natural latex	natural latex	synthetic polymer / vinyl	vinyl	vinyl
Powder-free/powdered sterile/unsterile	powdered unsterile	powdered sterile	powdered unsterile	powder free unsterile	powder free unsterile	powdered unsterile
Length	median 240 mm	median 240 mm	min. 230 mm	median 240 mm	median 240 mm	median 240 mm
Inner	powdered (cornstarch)	powdered (cornstarch)	powdered (cornstarch)	inner coated	inner coated	powdered (cornstarch)
Surface	grippy	grippy	grippy	smooth	smooth	smooth
Typical production values thickness @ palm (double)	median 0.21 mm	median 0.21 mm	median 0.19 mm	median 0.14 mm	median 0.10 mm	median 0.10 mm
FORCE AT BREAK typical production value	median 6 N	median 6 N	not specified	median 3.6 N	median 3.6 N	median 3.6 N
Durability	5 years	5 years	5 years	3 years	5 years	5 years
Color	white	white	white	yellowish	transparent	transparent
Proteins	✓	✓	✓	no	no	no
Accelerating chemicals	✓	✓	✓	no	no	no
LABELLING						
MDD (medical device directive)	CE Class I	CE Class Is	no	CE Class I	CE Class I	CE Class I
PPE (personal protective equipment)	CE Category III complex risk	no	no	CE Category III complex risk	CE Category I minimal risk	CE Category I minimal risk
ASTM	✓	✓	✓	✓	✓	✓
EN 455	✓	✓	no	✓	✓	✓
EN 420	✓	✓	no	✓	✓	✓
EN 374-1, -2	✓	✓	no	✓	✓	✓
EN 374-3	✓	✓	no	✓	no	no
AQL for pinholes (inspection level G1)	1.5	1.5	2.5	1.5	1.5	1.5
Food	✓	✓	no	no	no	no
USAGE RECOMMENDATION						
Hospital	✓	✓	✓	✓	✓	✓
Long Term Care	✓	✓	✓		✓	✓
Medical Practitioners	✓		✓	✓	✓	✓
Dental Sector	✓		✓			
PACKAGING / LOGISTIC INFORMATION						
Available sizes	XS/S/M/L/XL	S/M/L	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL	XS/S/M/L/XL
Pcs / dispenser	XS/S/M/L: 100 pcs. XL: 90 pcs.	pairs: S/M/L: 50 pairs pcs: S/M/L: 50 pcs	XS/S/M/L: 100 pcs. XL: 90 pcs.	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 100 or 200 pcs. XL: 90 or 180 pcs.
Pcs / transport carton	XS/S/M/L: 1.000 pcs. XL: 900 pcs.	pairs: S/M/L: 300 pairs pcs: S/M/L 300 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 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.



Due to the wide range of potential applications for examination gloves, Sempermed recommends the following Sempercare® products in the defined segments Hospital, Long Term Care, Dental Sector and Medical Practitioner in accordance with the demands on their use.

	NITRIL	LATEX	VINYL	
<b>HOSPITAL</b>	Sempercare® nitrile/nitrile sky Sempercare® nitrile shine/shine+ Sempercare® nitrile skin <sup>2</sup>	Sempercare® premium Sempercare® edition	Sempercare® synstretch Sempercare® vinyl pf/pp	 Special applications  Standard applications
<b>LONG TERM CARE</b>	Sempercare® nitrile shine Sempercare® nitrile skin <sup>2</sup>	Sempercare® premium Sempercare® edition	Sempercare® vinyl pf/pp	 Special applications  Standard applications
<b>MEDICAL PRACTITIONERS</b>	Sempercare® nitrile aloe/skin <sup>2</sup> Sempercare® nitrile shine	Sempercare® premium Sempercare® edition IC Sempercare® edition	Sempercare® synstretch Sempercare® vinyl pf/pp	 Special applications  Standard applications
<b>DENTAL SECTOR</b>	Sempercare® nitrile sky Sempercare® nitrile aloe Sempercare® nitrile skin <sup>2</sup>	Sempercare® edition IC Sempercare® edition		 Special applications  Standard applications

Special applications (e.g. risk of viral infections, chemical resistance, cytotoxic resistance); standard applications (most frequent used standard products)

# EXAMINATION GLOVES FROM SEMPERMED – WE PROTECT YOUR HANDS

As one of the leading manufacturers of medical gloves worldwide with more than 90 years of experience in research, development and production, it is a matter of great importance for us to give our users recommendations for the optimal use of our expanded range of Sempercare® products.

Since the right choice of gloves has an effect on the health of both user and patient, the high demands on the product are regulated in European standards and directives: all Sempercare® products are both certified as a medical device as set out in the Medical Devices Regulation 93/42 EEC and fulfil the standards of EN455, and they are also certified as personal safety equipment as set out in Directive 89/686 EEC. Therefore Sempercare® gloves can be used in a very wide range of applications.

The criteria for the right choice of examination glove differ, however: Is there a high risk of infection, for instance, that requires the use of maximum protection?

Is better grip required, or is a smoother surface structure more suitable?

These are all application-specific features with different demands on the product.

Moreover there are differences in the properties of the materials used: Generally, Sempermed recommends the use of nitrile gloves because they can satisfy a multitude of needs: Nitrile products offer optimal protection from viral infections, various chemicals\* and minor injuries. Thanks to the innovative Sempermed material mix, they offer a high level of wearing comfort, and since they are manufactured without latex proteins and powder, they are also skin-friendly without the risk of type I allergies.

The Sempercare® product portfolio certainly offers the right solution for every demand.

For more information visit  
[www.sempermed.com](http://www.sempermed.com)

\*see chemical resistance list on [www.sempermed.com](http://www.sempermed.com)



**IMPORTANT NOTE:** You can find the latest product information under [www.sempermed.com](http://www.sempermed.com) 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 does not accept any liability for incorrect use of the gloves. In case of doubt, obtain expert advice before use. The information and classification correspond to the latest status prior to printing. Mistakes, printing errors and amendments reserved.

**CAUTION:** Natural latex may cause allergic reactions including anaphylactic reactions.

## CONTACT US!

Semperit Technische Produkte Gesellschaft m.b.H. · Segment Sempermed  
Austria · 1031 Vienna · Modecenterstr. 22 · Fon: +43 1 79 777-0 · Fax: +43 1 79 777-630  
e-mail: [sempermed@semperitgroup.com](mailto:sempermed@semperitgroup.com) · [www.sempermed.com](http://www.sempermed.com)