

# TECHNICAL DATA

## sempermed® syntegra IR



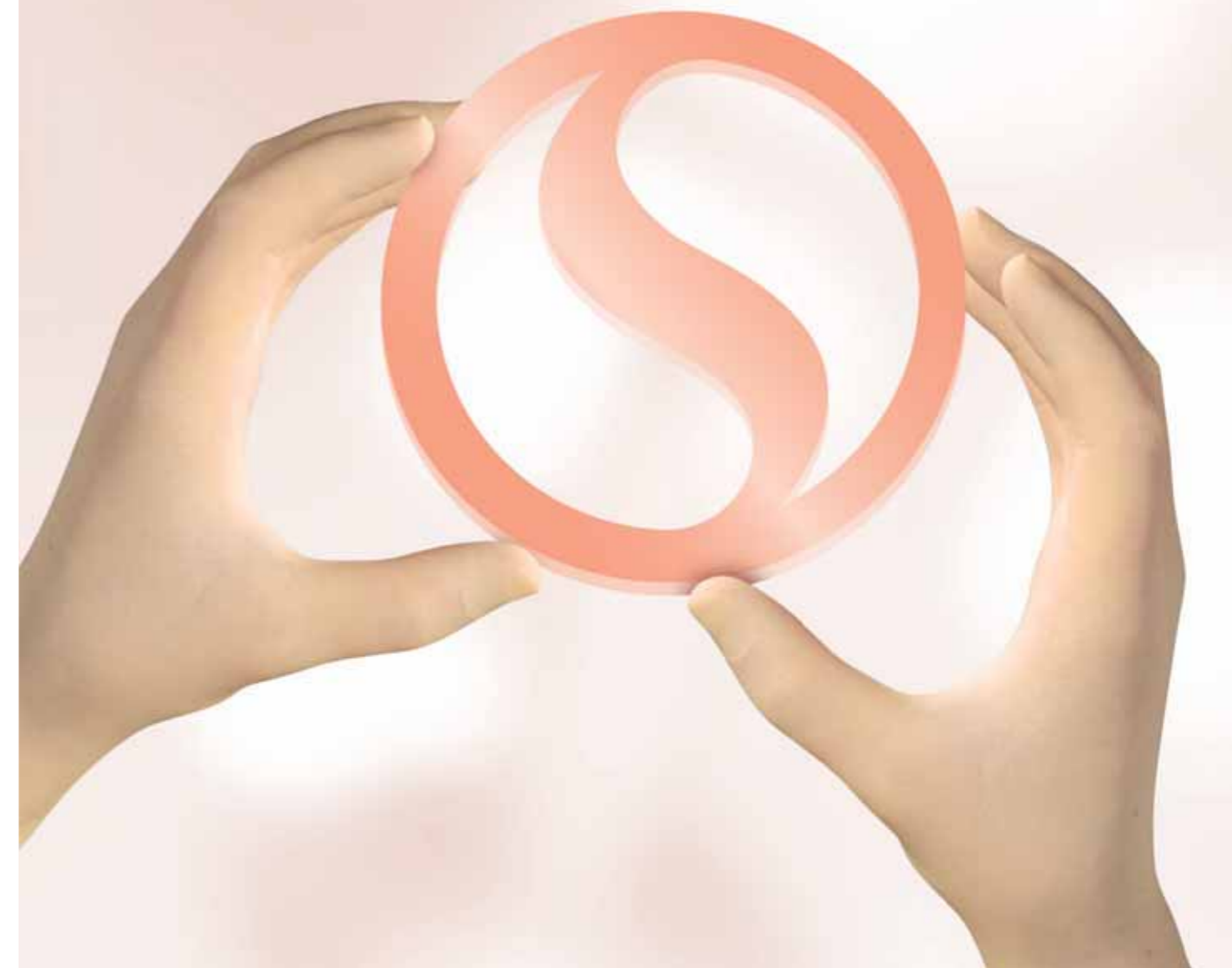
NATURAL LATEX FREE

<b>TYPE</b>	Sterile surgical glove, powder-free with synthetic lining	
<b>MATERIAL</b>	Synthetic polyisoprene	
<b>COLOUR</b>	Creme	
<b>GLOVE SHAPE</b>	Fully anatomical with rolled rim	
<b>OVERALL LENGTH/SIZE</b> <small>as per EN 455-2</small>	6 and 6 ½	270 mm
	7, 7 ½ and 8	280 mm
	8 ½ and 9	285 mm
<b>WALL THICKNESS</b> <small>in palm area</small>	0,19 - 0,24 mm	
<b>IMPERMEABILITY</b> <small>as per EN 455-1</small>	AQL 1,0	
<b>FORCE AT BREAK</b> <small>as per EN 455-2</small>	≥ 9 N	
<b>DURABILITY</b> <small>in original packaging if stored as per DIN 7716, ISO 2230</small>	min. 3 years	
<b>STERILISATION</b>	Gamma radiation with at least 2.5 Mrad (25 kGy)	
<b>PACKAGING</b>	Left and right hand with turned up cuff in fibre-free internal pouch, ozone-tight, sealed in medical peel pack.  In dispenser carton with sterilisation indicator: 40 pairs In transport carton with sterilisation indicator: 240 pairs	
<b>ARTICLE NUMBERS</b>	Size 6.0 827056601 Size 6.5 827056621 Size 7.0 827056701 Size 7.5 827056721	Size 8.0 827056801 Size 8.5 827056821 Size 9.0 827056901
<b>MARKING</b>	EN 1041 and EN 980	

NATURAL LATEX FREE

A NEW GENERATION OF SYNTHETIC GLOVES –

# LATEX PROPERTIES WITHOUT LATEX ALLERGY!



### CONTACT US!

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**sempermed®  syntegra IR**

DESIGNED AROUND YOUR HANDS.

SEMPERMED SYNTEGRA IR

# A NEW GENERATION OF SYNTHETIC GLOVES

Innovative gloves in the operating theatre:

Synthetic polyisoprene (IR). Has the same outstanding physical properties as natural rubber latex: maximum elasticity and tear resistance with low tension.

## LATEX ALLERGY PROPHYLAXIS

Made from synthetic polyisopren

The Sempermed Syntegra IR glove protects healthcare workers and patients:

- powder-free
- free from natural rubber latex
- free from allergenic proteins.

This removes the hazard of sensitisation right from the start, especially for atopic persons.



## PATENTED TECHNOLOGY – EASY TO DON

The Lining System and Double Donning



The Sempermed Syntegra IR glove is quick and easy to put on in every situation due to its elastic material.

Why the gloves are so easy to put on is explained quite easily: The lining does not form a smooth surface, but has a special net-like structure, thus considerably reducing the friction resistance when putting on the gloves.

In particularly difficult situations or with high risk patients, double donning provides maximum safety.

The Sempermed surgical gloves guarantee the easy donning of two pairs of gloves, without any loss of tactile properties.

## MAXIMUM COMFORT

Fully anatomical shape



Developed specifically for the requirements of the operating theatre, the fully anatomical shape with curved fingers corresponds with the natural, relaxed hand posture.

This relaxed hand posture guarantees that you can work with Sempermed Syntegra IR surgical gloves without tiring, even in longer operations. The extra-wide back of the hand also helps to achieve this.

### Safe Border

The conical shaft is shaped to the anatomy of the wrist and with the rolled edge it provides a secure barrier to the surgical gown.

## OPTIMUM SAFETY

Offers optimum grip



The micro-roughened surface offers optimum grip for perfect instrument handling, even in a wet environment.

The ideal combination, innovative material with the tried and tested Sempermed design, for the same tactile sense as natural rubber latex.

The ideal distribution of even wall thickness, determined in studies has been integrated in the development of the new Sempermed Syntegra IR, thus improving the tactile sense significantly, while maintaining maximum safety at the same time.

## CONVINCING TECHNOLOGY

Innovative accelerators



In the production process of the Sempermed Syntegra IR, innovative accelerators are used (special dithiocarbamates and xanthogenates, i.e. additives responsible for creating the net structure of the material during glove production). The exceptional benefit by comparison with conventional accelerators is the significantly improved skin friendliness due to the lower allergenic potential of the accelerators in the glove.