



**JOBST® Elvarex®**

**Custom-made  
garments for the  
management of  
Lymphedema**

**Quick Reference Brochure**



#1 physician recommended

**JOBST®**

Comfort, Health and Style!

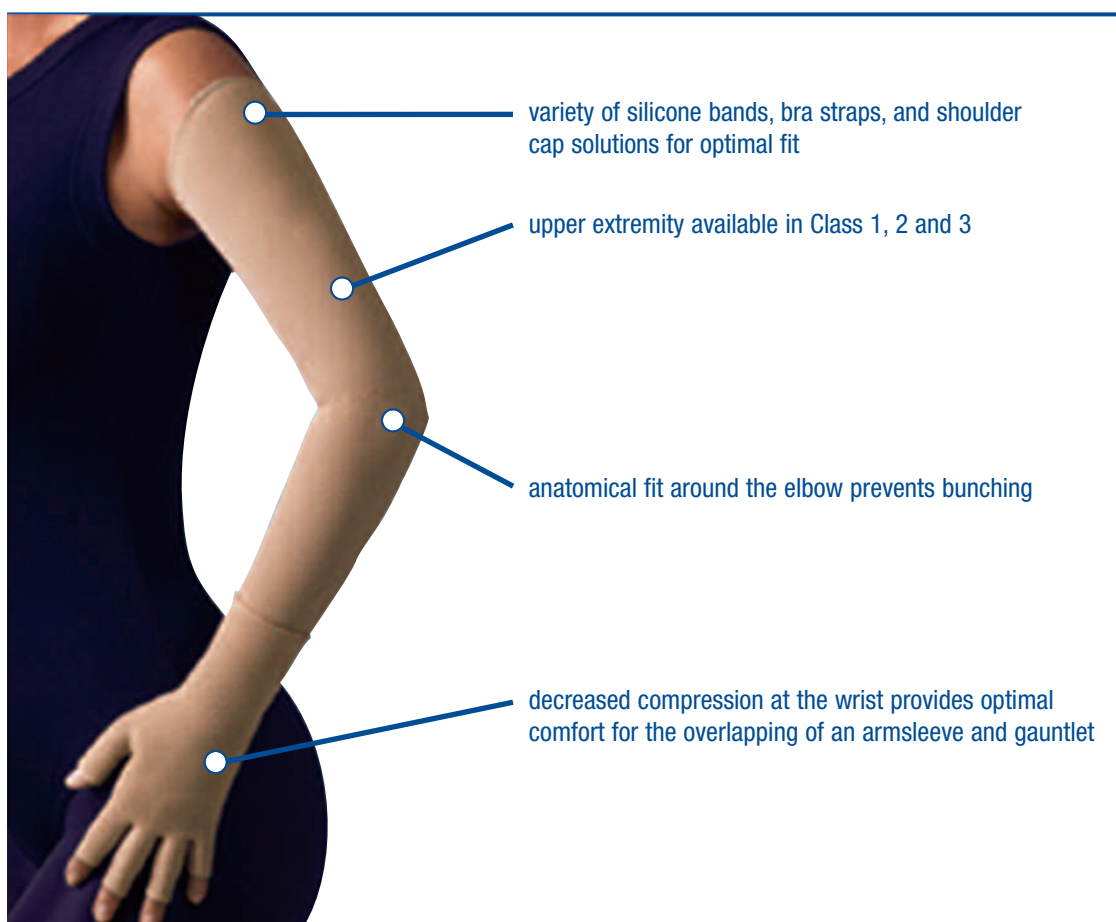
# JOBST® Elvarex®

## Custom Made Garments

### Elvarex® features and benefits:

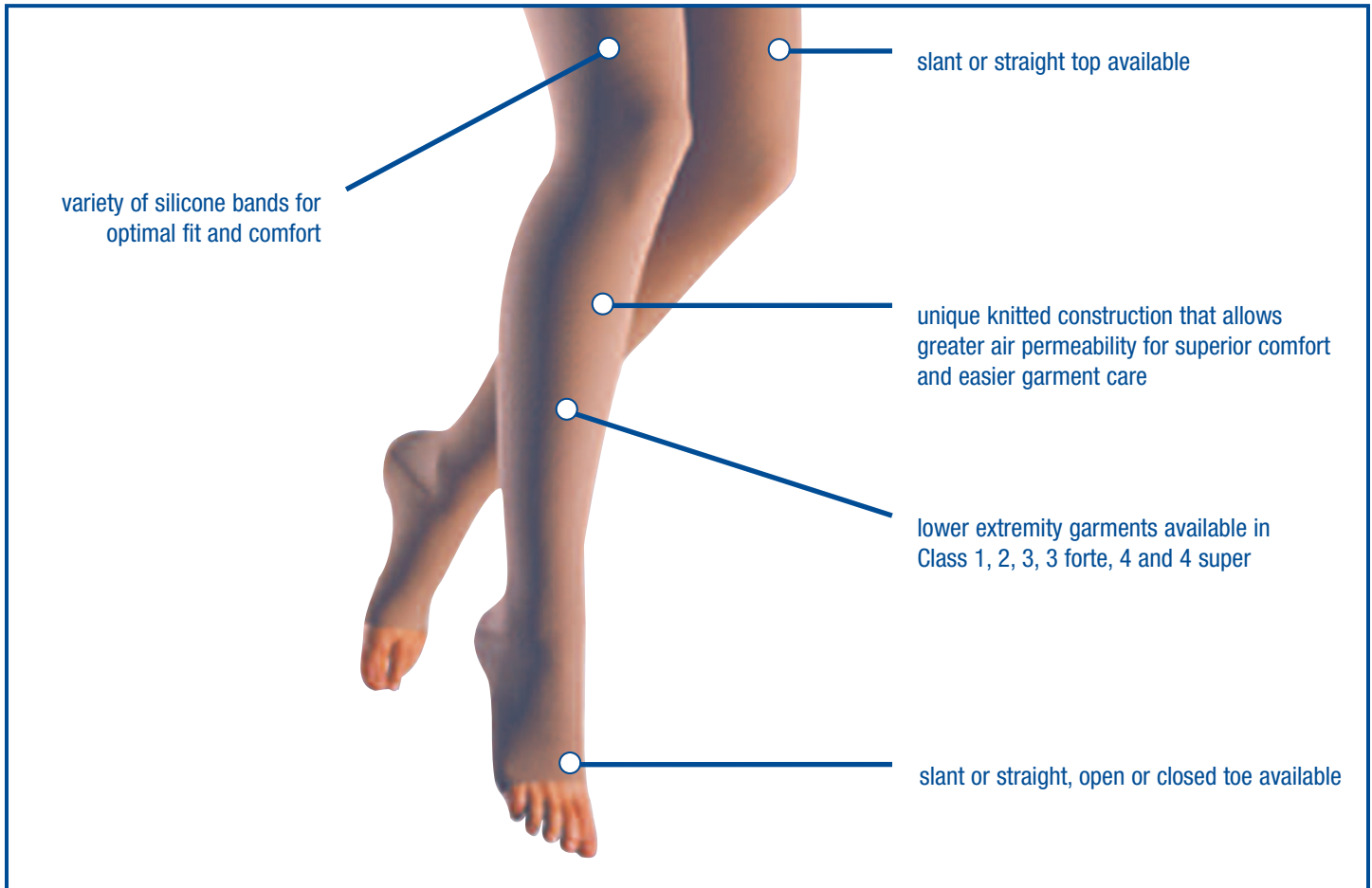
JOBST® Elvarex® helps maintain the reduced volume and shape of the limb. These garments help inhibit further fluid accumulation and help assure therapeutic results achieved by compression. Elvarex compression garments are indicated when decongestion is achieved so the garment helps prevent an increase in the extremity dimensions.

- Custom manufacturing to ensure a contoured fit to the shape of the limb
- Controlled gradient compression for the effective long-term management of lymphedema
- Excellent durability for extended wear
- Fabric lays flat against the body instead of working into the skin folds
- Specially knitted fabric exerts a micro-massage effect on the skin during movement\*
- The perfect garment for CDT\*\*

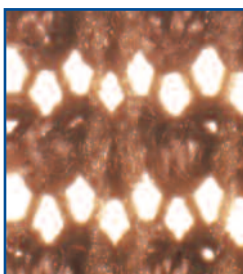


# JOBST® Elvarex®

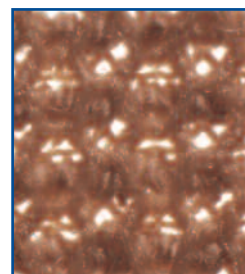
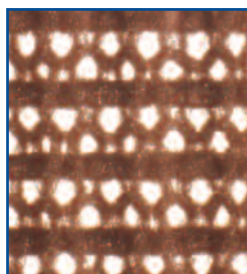
## Custom Made Garments



**ELVAREX®**



**Examples of flat-knitted competitor fabrics**



Air permeability of knitted fabric is determined largely by its stitch pattern.\*\*\*

**Flat-knitted stocking:** A flat piece of fabric knitted on straight rows of needles only becomes a stocking when sewn together. The number of loops is variable, guaranteeing an individual fit and an optimal compression profile even for extreme forms of edema.

\* Földi, E. (1999), Lymphedema today – Modern Therapy. Medical-Scientific educational Videotape. JOBST GmbH, Emmerich.

\*\* Complete Decongestive Therapy

\*\*\* Wienert, V. (1999), Die medizinische Kompressionstherapie. Blackwell, Wissenschafts-Verlag GmbH.

# JOBST® Elvarex®

## Custom Made Garments

### Facts about Elvarex® and Natural Rubber Latex:

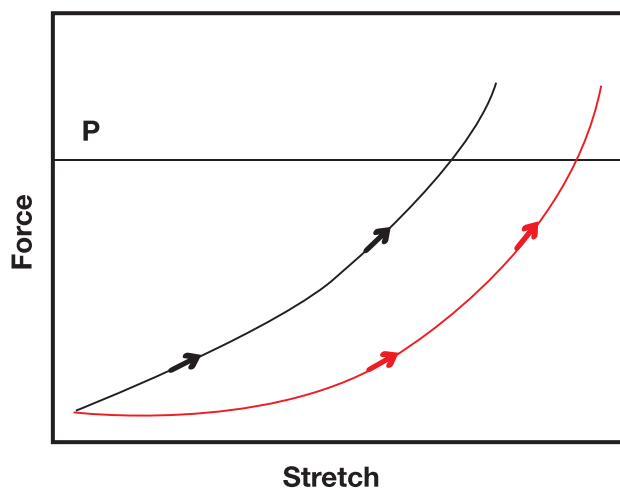
- Elvarex has been available in the US since 1995. Since that time we have a reported incidence rate latex allergy/sensitivity of less than .01%.
- The Natural Rubber Latex inner core for Elvarex is wrapped twice, once clockwise and then counter clockwise. The design reduces the potential of direct contact of the latex to the skin, providing improved patient comfort.
- The recoil properties of latex vs. synthetic latex provide better support for lymphedema patients.

Reports of incidence of Latex allergy in the US range from 1% to 6%<sup>1</sup>. For those patients with documented latex allergies, we recommend our latex free Custom Seamed garments for the management and containment of edema. When treating patients with venous or lymphatic disease and there is not a documented latex allergy, use a brand you have come to know through its predictable results — Elvarex!

<sup>1</sup>National Institute for Occupational Safety and Health (NIOSH) Centers for Disease Control

### When the venous and lymphatic conditions require more support . . . without increasing the difficulty of donning

#### Effects of Stretch During Donning



Red = Natural Latex Rubber  
Black = Synthetic Latex

Point P shows that latex stretches more than synthetic elastic fibers when the same amount of force is applied. The greater the stretch, the easier to don the garment.

**Elvarex® Lymphedema Garments are engineered with Natural Rubber Latex, which allows for more stretch in the garment while delivering the same force as synthetic elastic fibers.**

Please refer to the product label and/or package insert for full instructions on the safe use of these products.

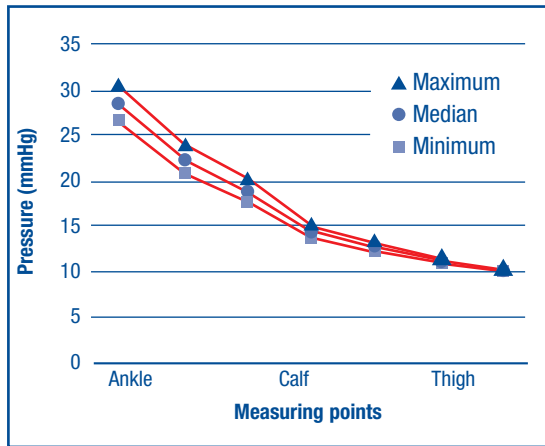
CAUTION: This product contains natural rubber latex which may cause allergic reactions.

CAUTION: Federal U.S.A. Law requires restricts the sale of this device to or on the order of a physician.

# JOBST® Elvarex®

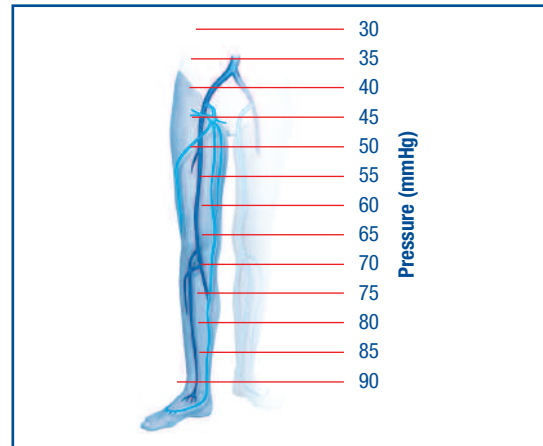
## Custom Made Garments

### ELVAREX® (CCL 2) compression profile



ELVAREX® - Compression gradient from distal to proximal

### Hydrostatic effect



Physiological pressure conditions in the leg veins while standing still

### Indications:

- Management of lymphedema and other edema

### Contraindications:

- Ischaemia (e.g. Advanced Arterial Disease)
- Uncontrolled congestive heart failure
- Untreated septic phlebitis
- Phlegmasia cerulea dolens

### Cautions:

- Immobility (confinement to bed)
- Skin infections
- Weeping dermatoses
- incompatibility to fabric
- Impaired sensitivity of the limb (e.g. in diabetes mellitus)

### Other recommendations:

- Incorrectly measured and badly fitted compression stockings may cause problems during wear. Open wounds should be covered appropriately before the stockings are put on.

### Compression Classes (CCL)/Colors:

Garment	CCL	Color		
Upper	1-2	Beige	Caramel	Black
	3	Beige		Black
Lower	1-4 Super	Beige		Black

# JOBST® Elvarex®

## Custom Made Garments

### Compression Quick Reference:

Elvarex is available in a wide variety of compression classes to suit every patient need. The table below indicates the level of compression available and the indications for each.

Elvarex Compression Classes 1 through 3 are available for the management of upper-extremity lymphedema.

Elvarex Compression Classes 1 through 4 Super are available for the management of lower-extremity lymphedema. Foot caps are available in Compression Classes 1 through 3.

The prescribing physician and a knowledgeable therapist will make the decision of the appropriate compression class for each patient. It is necessary not only to consider the severity of the condition but also to evaluate the ability of the patient to don and remove the garment. The proper selection of compression class, correct measuring and fitting, selection of style and options, as well as patient education will determine the comfort and compliance of the patient.

Elvarex Compression Class	Pressure	Recommended for
Class 1	Upper extremity: 14 to 18 mmHg Lower extremity: 18 to 21 mmHg	<ul style="list-style-type: none"> <li>• Mild lymphedema of the upper extremity</li> <li>• If donning is a problem</li> <li>• Pediatric lymphedema</li> <li>• Edema prevention</li> </ul>
Class 2	Upper extremity: 20 to 25 mmHg Lower extremity: 23 to 32 mmHg	<ul style="list-style-type: none"> <li>• Moderate lymphedema of the upper extremity</li> <li>• Mild lymphedema of the lower extremity that cannot be maintained with Compression Class 1</li> <li>• Moderate to severe pediatric lymphedema if donning is not a problem</li> <li>• Moderate to severe lower-extremity lymphedema if patient is very obese</li> </ul>
Class 3	Upper extremity: 25-30 mmHg Lower extremity: 36 to 46 mmHg	<ul style="list-style-type: none"> <li>• Moderate lymphedema of the lower extremity</li> <li>• Ideal as “starting” garment for severe lower extremity lymphedema, i.e., for patients who have no prior experience with Elvarex</li> <li>• Severe lymphedema of the upper extremity when donning is not a problem</li> </ul>
Class 3 Forte	Lower extremity: 36 to 46 mmHg	<ul style="list-style-type: none"> <li>• Severe lymphedema of the lower extremity that requires more compression than Class 3 and donning is not a problem</li> </ul>
Class 4	Lower extremity: 49-70 mmHg	<ul style="list-style-type: none"> <li>• Severe lymphedema of the lower extremity that requires more compression than Class 3 Forte and donning is not a problem</li> </ul>
Class 4 Super	Lower extremity: 60-90 mmHg	<ul style="list-style-type: none"> <li>• Severe lymphedema of the lower extremity that requires more compression than Class 4 and donning is not a problem</li> </ul>

# JOBST® Elvarex® Custom Made Garments

## Available Styles and Options:

### I. Upper Extremity Garments

#### A. Glove/Gauntlet



With fingers, with thumb;  
variable length



Glove to elbow  
(Gauntlet to elbow also available)



With zipper



Pocket;  
available on palm side or  
back of hand

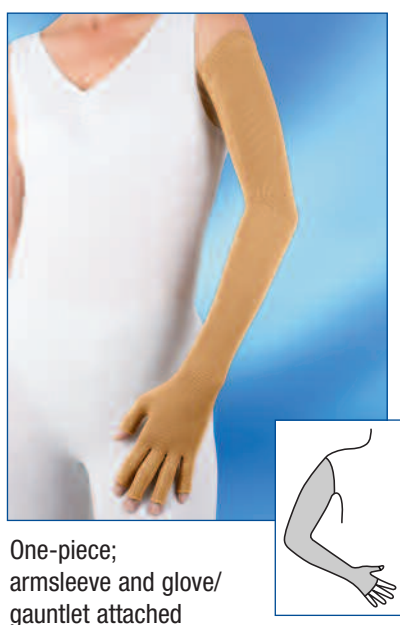


Without fingers, with  
thumb; variable length

# JOBST® Elvarex®

## Upper Extremity Garments

### B. Armsleeve





# JOBST® Elvarex® Lower Extremity Garments

## 2. Lower Extremity Garments

### A. Knee High



Knee High  
available in both straight  
and slant top



Silicone dotted band  
2.5 cm or 5 cm  
inside or on top



Zipper available medial,  
lateral, anterior or  
posterior

### B. Thigh High



Thigh High



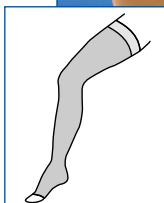
Slant top



Straight top

# JOBST® Elvarex®

## Lower Extremity Garments



Silicone dotted band;  
2.5 cm or 5 cm inside

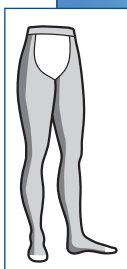


3/4 silicone dotted band;  
2.5 cm or 5 cm inside

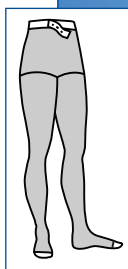


Silicone dotted band;  
2.5 cm or 5 cm on top

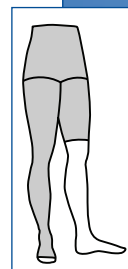
### C. Chaps/Panty



Chap style  
(Thigh High with waist  
attachment) Right/Left/Pair  
available



Waist High Pantyhose (available  
with adjustable waistband,  
open-crotch option, or vertical  
Velcro® strips)



1 1/2 leg Pantyhose  
(Single leg with body  
bandage and leg extension)

# JOBST® Elvarex® Lower Extremity Garments



Elvarex Panty for Men  
(available with horizontal fly)



Capri Style



Biker Shorts



Silicone dotted strips sewn into the area of the slip form (strips are available in full length, 3/4, 1/2)



10 cm silicone dotted strips, vertically downwards from measuring point G (available anterior and/or posterior)

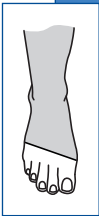


5 cm silicone dotted pieces (sewn into the area of the slip form)

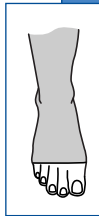
# JOBST® Elvarex®

## Lower Extremity Garments

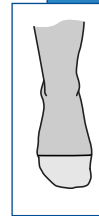
### D. Foot/Toe Cap



Slant foot with open toe



Straight foot with open toe



Closed toe (available in both straight and slant closed toe)



T-Heel



Profile/ankle pad



Foot cap with toes

## E. Possible Combinations



# JOBST® Elvarex®

Custom Made Garments

## F. Functional Zones



# Signature Services

In conjunction with the JOBST® products offered for the management of lymphedema, BSN medical also offers a variety of signature services to improve the quality of your patient management. These Signature Services include:



**Product Experts** that provide **Customized Education & Solutions** for both fitters and patients. An experienced team of **Medical Education Advisors** available to assist with **Certification Training** in all Custom Product categories.



Devoted **Team of Professionals** in both **Sales & Services** for ease of doing business with a willingness to achieve **total satisfaction**.



**Knowledgeable Customer and Product Service Representatives** that provide a personalized touch to problem solving. An added convenience of **email ordering**, makes sending in your orders just a click away. Elvarex Orders can be emailed to [elvarexorders@bsnmedical.com](mailto:elvarexorders@bsnmedical.com).



An indispensable tool that offers **24/7, year-round access to your account**. Create and place orders online, obtain order status and **shipment tracking information**, and find latest updates and literature regarding custom-made products. <http://order.jobstcustom.com/us>



**Quick and Efficient Processing** from order entry to garment delivery. Elvarex® garments are delivered in an **average of 4 days**.† If you are not totally satisfied with the fit\* of your JOBST® custom-made garment within 15 days of confirmed delivery\*\*, please contact Customer Service for a **FREE** replacement.

† BSN medical pledges to conform to these delivery targets with the exception of all published holiday schedules or failure of the contracted delivery service to conform to their published delivery timings. Lead Time Request - Based on A&U 2006 Market Research, available upon request.

\* Fit does not include color selection of garment.

\*\* Date confirmed by shipping services.

Please refer to the product label and / or package insert for full instructions on the safe use of these products.

Velcro is a registered trademark of Velcro Industries B.V.

For questions regarding appropriate  
garment style selection, please contact  
an Elvarex Team Representative at  
**1-800-537-1063**



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