

# SIGVARIS



Assortment

## Joint effort for healthy legs.

**Originally founded as a family business, the SIGVARIS® brand today throughout the world stands for medical compression stockings that are of highest quality.**

### **Venous disorders and diseases**

Varicose veins are a very common condition throughout the world. Between 20 and 30% of the population have varicose veins, with women being affected slightly more often than men. Advanced chronic venous insufficiency, ranging from skin changes to leg and foot ulcers, occurs in less than 10% (4–9% in various studies).

### **Medical expertise and textile know-how**

Medical expertise and textile know-how are the cornerstones of SIGVARIS corporate strategy.

They enable SIGVARIS to produce compression stockings that rectify leg complaints for those affected, while preventing the advance of venous disorders. SIGVARIS brand stockings offer proven medical effectiveness, excellent comfort for the wearer and fashionable design.

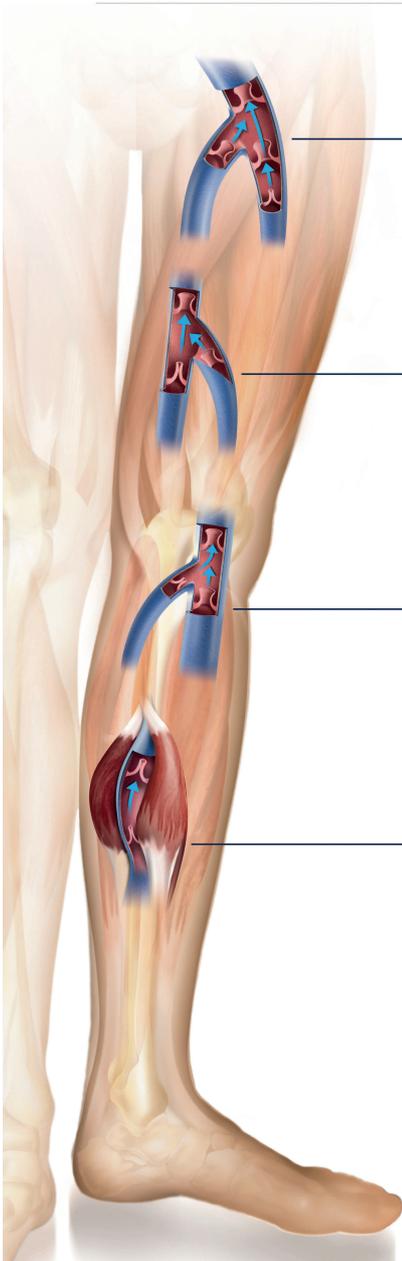
### **Medical compression therapy to meet the highest standards**

SIGVARIS collaborates closely with leading doctors and scientists in the production development sector. Spreading knowledge about medical compression therapy is another of SIGVARIS' key concerns. For every individual need SIGVARIS products are designed to be in perfect keeping with the needs and wishes of the doctors who prescribe them and the users who wear them. Compression stockings from SIGVARIS are prescribed by doctors and issued to patients by specialists.

This catalogue provides you with a comprehensive overview of our product line. It contains the entire SIGVARIS product line. This means that a compression stocking is available for each need along with appropriate optional items, as well as helpful instructions on how to take the pertinent measurements. The catalogue should serve as a practical reference and thus provide the basis for communicating specialized information to others.

# Chronic Venous Disorders

## Anatomy



## Pathology of Venous Disorders

## Positive effects of Compression Stockings

### Insufficient sapheno-femoral function



- Reduction of saphenous vein diameter
- Improvement of valve function
- Reduction of reflux

### Varicose veins



- Reduction of varicose vein diameter
- Improvement of valve function
- Reduction of reflux

### Post-thrombotic changes



- Reduction of reflux volume
- Improvement of venous flow

### Insufficient calf muscle pump



- Reduction of reflux
- Improvement of valve function
- Improvement of venous flow

## Clinical effects of compression

- Reduction of oedema
- Improvement of symptoms (heaviness, pain)
- Reduction and healing of skin changes (Eczema, Lipodermatosclerosis)
- Healing and prophylaxis of venous ulcers

## CEAP-Classification



**C1**  
Spider Veins  
Reticular Veins



**C2**  
Varicose Veins



**C3**  
Oedema



**C4**  
Skin changes



**C5**  
Skin changes  
with healed ulcer



**C6**  
Skin changes  
with open ulcer

# Assortment

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# Assortment overview

		MAGIC
CCL		1+2
<b>Models</b>		
AB-Sock	open	
A-D Calf	with soft top	●
	with grip top	
A-F Half-thigh	with soft top	
	with grip top	
A-G Thigh	with soft top	
	with grip top	●
	with waist attachment (left or right)	
A-T Pantyhose		●
A-T Pantyhose Bodyform	with compressing pantyhose section	
A-T Pantyhose Materna	for pregnant women and larger sizes	●
A-T Pantyhose for men	with fly (left, right or horizontal)	
open toe		●
closed toe		●
foot size one size		⊙
maxi foot		
<b>Grip tops</b>		
knobbed grip top (KGT)		●
SensiNova grip top (SVHR)		●
<b>Colours</b>		
SKIN		●
BLACK		●
NATURE		
BEIGE		

COTTON			COTTON XTRA	COTTON MED	TRADITIONAL		
1	2	3	1+2+3	1+2+3	2	3	4
					●		
● <sup>2)3)</sup>	● <sup>2)</sup>	● <sup>2)3)</sup>	⊙		●	●	● <sup>1)</sup>
	●						
					●	●	● <sup>1)</sup>
					●	●	● <sup>1)</sup>
● <sup>2)</sup>	●	■			●	●	■
				● <sup>2)</sup>	●	●	■
■	●	■			● <sup>3)</sup>	■	■
					■	■	■
■	●	■			●	■	■
	■				●	■	■
●	●	●		●		●	
■	●	■	⊙			■	
	⊙		⊙				
			⊙				
	●					●	
●			⊙				
●			⊙	●			
						●	

CCL = Compression class

● Series production and made-to-measure articles

⊙ Series production

■ Made-to-measure articles

1) only in PLUS

2) only open toe

3) only in NATURE

4) only CCL 2

## Medical Compression Stockings Swiss quality

The whole production process, from development through knitting, packaging and finishing to product improvement, takes place in its own production facilities in St.Gallen, Switzerland.



### Magic For women

- Discreet transparency for a fashionable look
- Medically correct graduated compression (CCL 1, 2)



### Cotton For women and men

- Exclusive Swiss Cotton® on the skin – ideal for people with sensitive skin
- Medically correct graduated compression (CCL 1, 2, 3)



### Traditional For women and men

- Unique Natural Rubber ensures an excellent force-elasticity relationship
- Medically correct graduated compression (CCL 2, 3, 4)

## Clinical Compression Stockings

Medical competence Ulcer X Kit – Treating SIGVARIS stockings offer proven medical effectiveness, excellent comfort for the wearer and fashionable design. Over 160 studies on SIGVARIS products have been published so far. Thus, SIGVARIS stands for medical compression therapy at the highest level



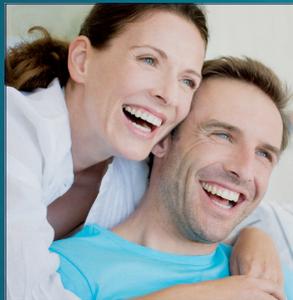
Ulcer X – scientifically proven solution

- Ulcers healed twice as fast with Ulcer X as with bandages

#### Includes:

- 1 piece A–D Calf, compression class 2.
- 2 pieces Liner

# COTTON – The natural feeling.



## Cotton for feeling well

High quality cotton provides a comfortable sense of well-being. Simultaneously, special multifilament yarns ensure perfect elasticity.

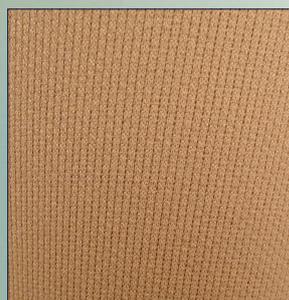
Thus, COTTON is suitable for persons who like to be active as well as for patients with sensitive skin. Men also experience that all around sensation of feeling well.

- For all indications of compression classes 1, 2 and 3
- Fine ribbing appearance, for women and men
- Swiss Cotton: The world's best cotton yarn



### Knobbed grip top (KGT)

Soft knobs prevent the stocking from slipping. For a secure hold – all day long.



### Fine ribbing appearance



### Calf stocking open

Ideal in summer:  
Lets the toes have some  
air – and that is a good  
feeling.



### Thigh stock- ing with waist attachment

The post-operative  
stocking to be applied  
right after surgery.  
May be combined with  
liner stockings (available  
separately).



### Calf stocking closed

Soft toes with a fine  
toe seam guarantee  
the ultimate in wearing  
comfort.



### Pantyhose

For pregnant women  
and larger sizes also  
available as Pantyhose  
Materna.

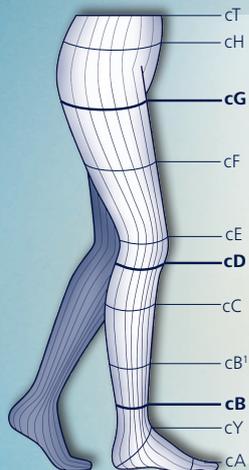


### Thigh stocking KGT

Knobbed grip top –  
ideal for people with  
sensitive skin.

# COTTON – The natural feeling.

In each daily activity COTTON is the ideal companion. For all those who value natural fibres and a natural look, COTTON is the perfect choice. It is available in all sizes, in colours nature and black. Three different COTTON product lines mean a perfect fit for all.



Circumference in cm	xx-small	x-small	x-small PLUS	small	small PLUS	medium	medium PLUS	large	large PLUS	x-large	x-large PLUS
cT	60-75	65-80	75-90	75-90	85-100	85-100	95-110	95-110	105-120	105-120	115-130
cH	75-90	80-95	85-100	85-100	95-110	95-110	105-120	105-120	115-130	115-130	125-140
cG	<b>42-54</b>	<b>47-59</b>	<b>52-64</b>	<b>52-64</b>	<b>56-68</b>	<b>56-68</b>	<b>61-74</b>	<b>61-74</b>	<b>66-79</b>	<b>66-79</b>	<b>73-85</b>
<b>cG Grip top</b>	<b>42-52</b>	<b>47-56</b>	<b>52-61</b>	<b>52-61</b>	<b>56-65</b>	<b>56-65</b>	<b>61-71</b>	<b>61-71</b>	<b>66-76</b>	<b>66-76</b>	<b>73-85</b>
cF	38-49	41-52	44-55	44-55	49-60	49-60	53-64	53-64	59-70	59-70	63-78
cE	29-36	33-40	37-44	37-44	39-46	39-46	41-48	41-48	45-52	45-52	46-53
<b>cD</b>	<b>23-30</b>	<b>27-34</b>	<b>31-38</b>	<b>31-38</b>	<b>34-41</b>	<b>34-41</b>	<b>37-44</b>	<b>37-44</b>	<b>41-48</b>	<b>41-48</b>	<b>42-50</b>
cC	25-32	29-36	33-40	33-40	35-42	35-42	38-45	38-45	42-49	42-49	43-51
cB'	22-26	24-29	24-29	26-32	26-32	29-35	29-35	31-37	31-37	33-39	33-39
<b>cB</b>	<b>18-20</b>	<b>20-22</b>	<b>20-22</b>	<b>22-24</b>	<b>22-24</b>	<b>24-26</b>	<b>24-26</b>	<b>26-29</b>	<b>26-29</b>	<b>29-32</b>	<b>29-32</b>
cY	27-31	28-33	28-33	29-35	29-35	31-37	31-37	32-38	32-38	33-39	33-39
cA	18-20	20-22	20-22	22-24	22-24	24-26	24-26	26-29	26-29	29-32	29-32



Length in cm					
short*	31-34	short*	56-64	short*	-
normal	35-40	normal	65-74	normal	65-74
long	41-45	long	75-84	long	75-84
					

\*short length only available in CCL 2, black, nature, no maxi foot

c = circumference  
ℓ = length

		COTTON			COTTON XTRA	COTTON MED
CCL		1	2	3	1+2+3	1+2+3
<b>Models</b>						
 A-D Calf	with soft top	● <sup>1) 2)</sup>	● <sup>2)</sup>	● <sup>1) 2)</sup>	⊙	
	with grip top		● <sup>1)</sup>			
 A-G Thigh	with grip top	● <sup>1) 2)</sup>	●	■		
	with waist attachment (left or right)					●
 A-T Pantyhose		■	●	■		
 A-T Pantyhose Materna	for pregnant women and larger sizes	■	●	■		
 A-T Pantyhose for men	with fly (left, right or horizontal)			■		
 open toe		●	●	●		●
 closed toe		■	●	■	⊙	
	foot size one size		⊙		⊙	
	maxi foot				⊙	
<b>Grip tops</b>						
	knobbed grip top (KGT)		●			
<b>Colours</b>						
	BLACK		●		⊙	
	NATURE		●		⊙	●

CCL = Compression class  
● Series production and made-to-measure articles  
⊙ Series production  
■ Made-to-measure articles

1) only in NATURE  
2) only open toe

**Material composition:**  
52% polyamide, 34% elasthan,  
14% cotton

-  Wash daily using a laundry bag
-  Do not use fabric softener
-  Do not place in dryer
-  Do not iron
-  Do not dry clean

# COTTON – The natural feeling.

		COTTON		
CCL		1	2	3
Models				
 <p>A-D Calf</p>	with soft top	 <p>NATURE XXS/XL</p>	 <p>**BLACK XXS/XL **NATURE XXS/XL</p>	 <p>NATURE</p>
	with knobbed grip top		 <p>NATURE XXS/XL</p>  <p>NATURE XXS/XL</p>	
 <p>A-G Thigh</p>	with knobbed grip top	 <p>NATURE XXS/XL</p>	 <p>BLACK XXS/XL NATURE XXS/XL</p>  <p>BLACK XXS/XL NATURE XXS/XL</p>	
 <p>A-G Thigh with waist attachment</p>	(left or right)			
 <p>A-T Pantyhose</p>			 <p>BLACK XXS/XL NATURE XXS/XL</p>  <p>BLACK XXS/XL NATURE XXS/XL</p>	
 <p>A-T Pantyhose Materna</p>	for pregnant women and larger sizes		 <p>BLACK XXS/XL NATURE XXS/XL</p>  <p>BLACK XXS/XL NATURE XXS/XL</p>	

COTTON XTRA	COTTON MED
1+2+3	1+2+3
 <p>BLACK XXS*/XL*</p> <p>NATURE XXS*/XL*</p> <p>also maxi foot</p>	
	 <p>NATURE</p>

**Please note:**

All models are available:  
XS–L size (including PLUS),  
Series and made-to-measure  
Marked models are additionally  
available: **XXS, XL, XL Plus**

\* only in CCL 1+2

\*\* short length only available  
in CCL 2

**Material composition:**

52 % polyamide, 34 % elasthan,  
14 % cotton

 Wash daily using a laundry bag

 Do not use fabric softener

 Do not place in dryer

 Do not iron

 Do not dry clean

# COTTON – Information for Doctors



## COTTON – meeting your skin's highest functional requirements.

COTTON, the medical compression stocking with cotton from SIGVARIS, brings the feeling of soft cotton on the skin in addition to its precisely defined pressure.

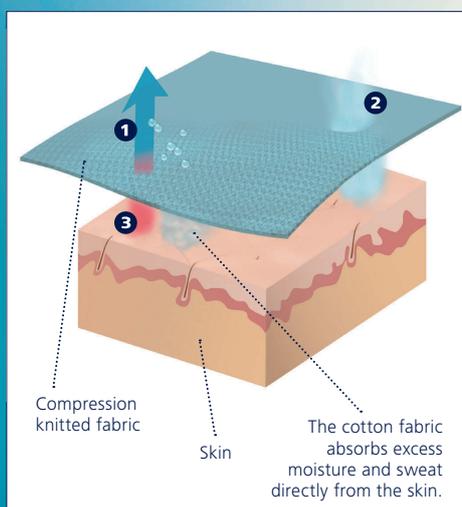
The natural properties of cotton make COTTON particularly well tolerated by the skin and provide for greater comfort and well-being.

### What's special:

The exclusive cotton yarn used in COTTON is finished on the inside of the stocking and lies directly on the skin – so COTTON is a perfect fit for women and men with particularly sensitive skin.

**See for yourself –  
nature in its most beautiful form!**

## Beneficial effects of the knitted compression fabric



### ❶ Moisture absorption

Moisture is absorbed in the cotton:

- reduced bacterial growth
- no damp feeling

### ❷ Evaporative cooling

Evaporation of moisture accumulated in the cotton:

- cooling effect
- ideal wearing comfort in warm temperatures

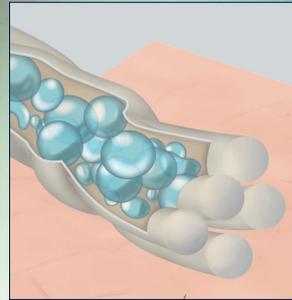
### ❸ Thermal insulation

Air in the spaces of the knitted fabric and fibres isolates effectively against cold weather.

## Natural fibre cotton absorbs sweat

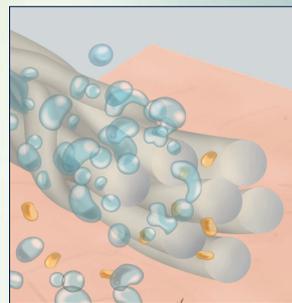
The cotton fabric absorbs excess moisture and sweat directly from the skin and stores these inside the fibre (see Fig. 1).

This way, a film of moisture on the skin, which promotes unwanted bacterial growth, cannot develop (see Fig. 2). An advantage for patients with sensitive skin.



**Fig. 1: Cotton**

Moisture is stored in the natural fibre.

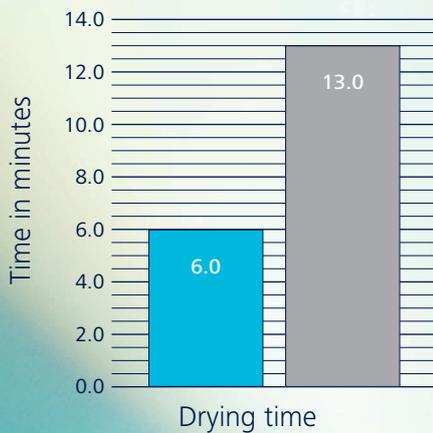


**Fig. 2: Synthetic fibre**

A film of moisture remains on the skin, which promotes unwanted bacterial growth.

**GfK**

In a GfK study with patients, the acceptance of COTTON was confirmed with outstanding results.<sup>1</sup>



## Rapid drying due to low cotton content.<sup>2</sup>

COTTON has aimed to have a very low cotton content of only 14%. This enables the rapid evaporation of moisture from the knitted fabric.

The Swiss Federal Laboratories for Materials Science and Technology (Empa) assessed among other things the drying properties in a sweat test. COTTON was compared to a competitor's compression stocking with a high cotton content (see graphic).

- COTTON 14% cotton
- Cotton stocking > 30% cotton

**Result:** COTTON dries twice as fast as the comparison product.

<sup>1</sup> Results of a GfK study with a total of 82 people conducted in 2010

<sup>2</sup> excerpt from test report Nr. 456771 / 2011, Empa, Swiss Federal Laboratories for Materials Science and Technology

# TRADITIONAL – The original.



## Effectiveness at the highest level.

Technically complicated refined natural rubber makes TRADITIONAL strong in every respect.

The unique force-elasticity relationship and highest pressure stability throughout the entire day ensure an effective treatment of severe venous diseases and provide safety during therapy.



### **Knobbed grip top (KGT)**

Soft knobs prevent the stocking from slipping. For a secure hold – all day long.



### **Soft top (ST)**

The elastic soft top adapts to the leg and provides comfortable support.



### **Calf stocking open**

Ideal in summer:  
Lets the toes have some  
air – and that is a good  
feeling.



### **Half-thigh stocking/ Thigh stocking KGT + ST**

For high therapeutic  
requirements – and all  
those who want to play  
it safe.



### **Thigh stock- ing with waist attachment**

For special  
requirements.



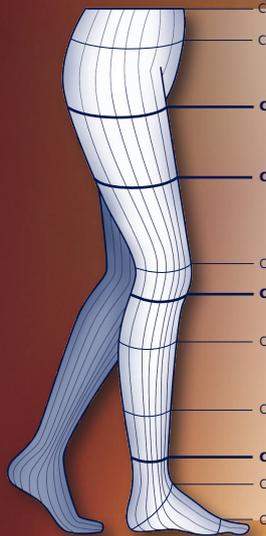
### **Pantyhose**

For pregnant women  
and larger sizes also  
available as Pantyhose  
Materna.

# TRADITIONAL – The original.

This medical compression stocking for highest requirements is the first choice in serious venous problems both for women and also for men.

TRADITIONAL is available in many sizes and model versions, as a series production or made-to-measure option, in compression classes 2, 3 and 4.



	c in cm	x-small*	small	small PLUS	medium	medium PLUS	large	large PLUS	x-large*	x-large PLUS*
cT	cT		up to 80	up to 80	up to 90	up to 90	up to 100	up to 100		
cH	cH		up to 110	up to 110	up to 120	up to 120	up to 130	up to 130		
cG	cG	40–50	42–52	50–60	50–60	58–68	58–68	66–76	61–71	69–79
cF	cF	39–48	41–50	45–54	48–57	53–62	55–64	61–70	58–67	64–73
cE	cE	29–34	32–37	36–41	35–40	40–45	38–43	44–49	41–46	48–53
cD	cD	26–32	28–34	32–38	31–37	36–42	34–40	40–46	38–43	44–49
cC	cC	28–31	31–36	35–40	34–39	39–44	37–42	43–48	40–45	47–52
cB'	cB'	21–24	24–29	24–29	29–32	29–32	32–36	32–36	35–39	35–39
cB	cB	17–19	19–23	19–23	23–26	23–26	26–29	26–29	29–32	29–32
cY	cY	25–28	28–32	28–32	32–35	32–35	35–38	35–38	38–41	38–41
cA	cA	17–19	19–23	19–23	23–26	23–26	26–29	26–29	29–32	29–32

\*only selected models



Length in cm							
short	33–37	short	56–60	short	61–70	short	61–70
long	38–44	long	61–70	long	71–80	long	71–80
 lD		 lF		 lG		 lG	

c = circumference  
ℓ = length

TRADITIONAL				
CCL		2	3	4
<b>Models</b>				
	A-D Calf	with soft top	●	● <sup>1)</sup>
	A-F Half-high	with soft top	●	● <sup>1)</sup>
		with grip top	●	■
	A-G Thigh	with soft top	●	● <sup>1)</sup>
		with grip top	●	■
		with waist attachment (left or right)	●	● <sup>1)</sup>
	A-T Pantyhose		● <sup>1)</sup>	■
	A-T Pantyhose Bodyform	with compressing pantyhose section	■	■
	A-T Pantyhose Materna	for pregnant women and larger sizes	● <sup>1)</sup>	■
	A-T Pantyhose for men	with fly (left, right or horizontal)	● <sup>1)</sup>	■
	open toe		●	
	closed toe		■	
<b>Grip tops</b>				
knobbed grip top (KGT)			●	
<b>Colour</b>				
BEIGE			●	

CCL = Compression class

● Series production and made-to-measure articles

■ Made-to-measure articles

1) only in PLUS

**Material composition:**  
70% polyamide, 30% elastodiene

 Wash daily using a laundry bag

 Do not use fabric softener

 Do not place in dryer

 Do not iron

 Do not dry clean

# MAGIC – Satisfaction at its best.



Its natural appearance on the leg results in enthusiasm.

Naturally, MAGIC is a medical device. Yet on the leg it acts like an item of clothing that can be worn with any outfit and in any circumstances.



### **Knobbed grip top (KGT)**

Soft skin friendly knobs provide a pleasant soft sensation on the skin.



### **SensiNova grip top (SVGT)**

Innovative SensiNova grip top A–G  
Thanks to patented\* SensiNova technology, this innovative grip-top guarantees a perfect hold in every situation.



### Calf stocking open

Ideal in summer: Lets the toes have some air – and that is a good feeling.



### Calf stocking closed

Soft toes with a fine toe seam guarantee the ultimate in wearing comfort.



### Thigh stockings KGT + SVGT

Depending on the shape of the leg and the skin tissue, your customers can choose between a knobbed or SensiNova grip top.



### Pantyhose

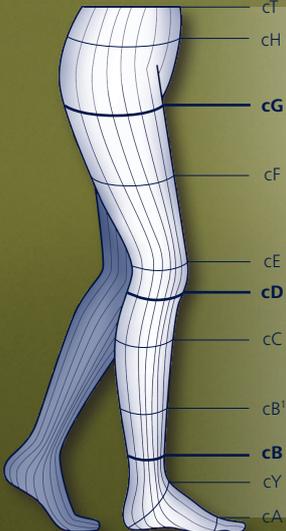
For women who simply feel better in pantyhose. With a slight «push up» effect.

Also available for pregnant women and larger sizes as Pantyhose Materna with an extra wide top band.

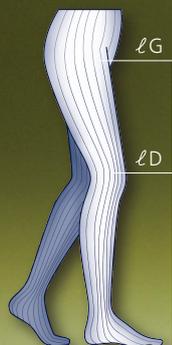


# MAGIC – Perfect fit.

MAGIC is available in a **wide variety of sizes** and many model versions have a sophisticated selection of colours – as well as a made-to-measure option. In this diversity of choice each customer can find exactly the right stocking.



Circumference in cm	xx-small	xx-small PLUS	x-small	x-small PLUS	small	small PLUS	medium	medium PLUS	large	large PLUS	x-large	x-large PLUS
cT	60–75	65–80	65–80	75–90	75–90	85–100	85–100	95–110	95–110	105–120	105–120	115–130
cH	75–90	80–95	80–95	85–100	85–100	95–110	99–110	105–120	105–120	115–130	115–130	125–140
cG AT/ATU without grip top	42–54	47–59	47–59	52–64	52–64	56–68	56–68	61–74	61–74	66–79	66–79	73–85
<b>cG Grip top</b>	<b>42–52</b>	<b>47–56</b>	<b>47–56</b>	<b>52–61</b>	<b>52–61</b>	<b>56–65</b>	<b>56–65</b>	<b>61–71</b>	<b>61–71</b>	<b>66–76</b>	<b>66–76</b>	<b>73–85</b>
cF	38–49	41–52	41–52	44–55	44–55	49–60	49–60	53–64	53–64	59–70	59–70	63–78
cE	29–36	33–40	33–40	37–44	37–44	39–46	39–46	41–48	41–48	45–52	45–52	46–53
<b>cD</b>	<b>23–30</b>	<b>27–34</b>	<b>27–34</b>	<b>31–38</b>	<b>31–38</b>	<b>34–41</b>	<b>34–41</b>	<b>37–44</b>	<b>37–44</b>	<b>41–48</b>	<b>41–48</b>	<b>42–50</b>
cC	25–32	31–36	29–36	33–40	33–40	35–42	35–42	38–45	38–45	42–49	42–49	43–51
cB'	22–26	22–26	24–29	24–29	26–32	26–32	29–35	29–35	31–37	31–37	33–39	33–39
<b>cB</b>	<b>18–20</b>	<b>18–20</b>	<b>20–22</b>	<b>20–22</b>	<b>22–24</b>	<b>22–24</b>	<b>24–26</b>	<b>24–26</b>	<b>26–29</b>	<b>26–29</b>	<b>29–32</b>	<b>29–32</b>
cY	27–31	27–31	28–33	28–33	29–35	29–35	31–37	31–37	32–38	32–38	33–39	33–39
cA	18–20	18–20	20–22	20–22	22–24	22–24	24–26	24–26	26–29	26–29	29–32	29–32



Length in cm					
short	–	short	56–64	short	–
normal	35–40	normal	65–74	normal	65–74
long	41–45	long	75–84	long	75–84
					

c = circumference  
ℓ = length

MAGIC			
CCL		1 + 2	
Models			
	A-D Calf	with soft top	●
	A-G Thigh	with grip top	●
	A-T Pantyhose		●
	A-T Pantyhose Materna	for pregnant women and larger sizes	●
	open toe		●
	closed toe		●
foot size one size			⊙
Grip tops			
Knobbed grip top (KGT)			●
SensiNova (SVGT)			●
Colours			
SKIN			●
BLACK			●

Please refer to our Trendbrochure for the latest fashion colours.

CCL = Compression class

● Series production and made-to-measure articles

⊙ Series production

**Material composition:**

Calf: 61% polyamide, 39% elasthan

Thigh: 63% polyamide, 37% elasthan

Pantyhose: 59% polyamide, 41% elasthan

 Wash daily using a laundry bag

 Do not use fabric softener

 Do not place in dryer

 Do not iron

 Do not dry clean

# ARM SLEEVES

## SIGVARIS TRADITIONAL – Natural Rubber Quality

### Indications

- for recent lymphedemas that will subside rapidly and are soft
- post-mastectomy edema occurring late following radiotherapy
- post-operative and post-traumatic edema after completion of basic treatment
- polyarthritis in certain cases
- treatment by elastic compression for burns and extensive scarring

### Contraindications

- unreduced lymphedema
- inflammation

No liability in case of nonobservance of contraindications.

**Additional comments:** a manifest lymphedema requires a complex, medically prescribed decongestif treatment. Regular examinations by a physician are necessary to maintain the result. In case of acute pain of skin consult your doctor immediately.



- C-H without Mitten
- with support straps

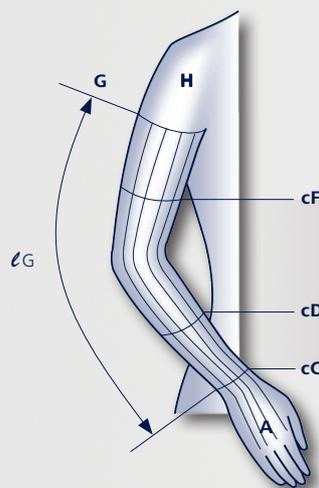
Length in cm	
short	40–46 cm
long	46–52 cm

TRADITIONAL		
CCL		2
Models		
C-H Arm Sleeve	without Mitten	●
Colour		
BEIGE		●

CCL = Compression class  
● Series production

### Packaging:

1 piece per box including fitting/care instructions



Circumference in cm	small	medium	large
cF	24–30	30–36	36–42
cD	20–24	24–28	28–32
cC	13–16	16–19	19–22

cF = Circumference of the arm at the thickest place  
cD = Circumference of the arm at mid forearm

**Material composition:** 70 % polyamide, 30 % elastodien

- Wash daily using a laundry bag,
- Do not use fabric softener,
- Do not place in dryer Do not iron,
- Do not dry clean

c = circumference  
l = length

# Innovation ADVANCE

Study – produced with a panel of female patients



## ADVANCE with and without mitten

- 2 compression classes  
14 – 18 mmHg and 20 – 25 mmHg
- up to 20 sizes: from XS to XL incl. PLUS sizes for big upper arms, 2 lengths
- with and without grip top



## Indications 14–18 mmHg

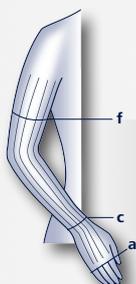
Prophylaxis, Mild lymphoedema, ISL stage I – II, No shape distortion, Maintenance, Palliation.

## Indications 20–25 mmHg

Moderate Lymphoedema, ISL late stage II – III, Some shape distortion.

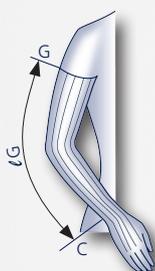
## Contraindications

Pronounced or unreduced Lymphoedema, Inflammation. Do not hesitate to ask your doctor.



Circumference in cm	x-small	x-small PLUS	small	small PLUS	medium	medium PLUS	large	large PLUS	x-large	x-large PLUS
f	24–32	32–38	26–34	34–40	29–37	37–43	32–40	40–46	34–42	42–48
c	13–14	13–14	14–16	14–16	16–18	16–18	18–20	18–20	20–23	20–23
a*	16–20	16–20	17–21	17–21	18–22	18–22	19–23	19–23	20–24	20–24

\* only for Arm Sleeves with Mitten



Length in cm	
normal	< 43 cm
long	> 43 cm



ADVANCE				
Compression		14 – 18 mmHg	20 – 25 mmHg	
Models				
ADVANCE	without mitten	with soft top*	⊙	⊙
		with grip top	⊙	⊙
ADVANCE	with mitten	with soft top*	⊙	⊙
		with grip top	⊙	⊙
Griptop				
Sensinnov griptop		⊙	⊙	
Colours				
LIGHT BEIGE		⊙	⊙	

© Series production

**Material composition:**  
47 % polyamide, 20 % elasthan, 33 % micro modal

**Packaging:**  
1 piece per box

- Wash daily using a laundry bag
- Do not use fabric softener Do not place in dryer
- Do not iron Do not dry clean

\* not available in PLUS-sizes

c = circumference l = length

# Alterations in series production and made-to-measure articles

Changes on standard products		sew on the narrow grip top (2-3 cm)	sew on the broad grip top (4-5 cm)	sew on the grip top	replace the grip top (an other model)	shorten point of foot (closed toe)	shortening of the pantyhose part	horizontal fly	gusset change	stoma opening	opening in crotch
<b>Models</b>											
A-D Calf	with soft top	●	●			●					
A-F Half-thigh	with soft top			●		●					
A-G Thigh	with grip top				●	●					
A-G Thigh	with waist attachment (left or right)					●	●				
A-T Pantyhose						●	●	●	●	●	●
A-T Pantyhose Bodyform	with compressing pantyhose section					●	●		●		
A-T Pantyhose Materna	for pregnant women and larger sizes					●	●		●	●	●
A-T Pantyhose for men	with fly (left, right or horizontal)					●	●		●	●	●
<b>Grip top models</b>											
Narrow knobbed grip top (KGT)		●									
Knobbed grip top (KGT)			●	●	●						

Further changes on request.

## Swiss quality on a made-to-measure basis

SIGVARIS – offers a made-to-measure option for all model versions of its stockings – the right quality for each type:

MAGIC  
COMFORT  
COTTON  
TRADITIONAL

### Made-to measure benefits:

- Perfect fit – exactly adapted to the personal leg measurements
- The sign of an individually made-to measure item – the customer's name is found on the stocking label
- 100 % Satisfaction guarantee

# Model versions



**One leg Pantyhose and one leg Pantyhose with body part in slip form**

as an alternative to using a thigh stocking with waist attachment.



**Calf stocking (A-D) with grip top**

Prevents slipping in conically shaped lower legs.



**Pantyhose for men**

can be delivered with a fly placed on the left, right or horizontally.



# ULCER X

## Treating varicose ulcers successfully



&



=



### Treating varicose ulcers successfully

Varicose ulcers are the most severe consequence of venous diseases and affect roughly one person in 50. It is possible to fight effectively against the decisive mechanisms leading up to the formation of an ulcer by means of compression therapy. These mechanisms consist of hemodynamic modifications in the veins (stasis, venous reflux, turbulence) with overloading of the vein pumps of the legs and consequent modifications of the microcirculation that ultimately become self-perpetuating (oedema, thrombosis, hemorrhage, ischemia/reperfusion, tissue destruction/repair, etc.).

### Innovation meets Tradition: SIGVARIS ULCER X

An innovative and patented thin understocking combined with the proven and highly successful original TRADITIONAL compression class 2 («503»): SIGVARIS ULCER X.

The SIGVARIS ULCER X kit consists of a new patented<sup>1</sup> understocking plus the calf-length version of the legendary SIGVARIS TRADITIONAL compression class 2 («503») compression stocking, which is being mentioned in numerous clinical studies as product of choice. The use of natural yarns (cotton and natural rubber respectively) makes the stockings particularly comfortable to wear, giving it a natural feel:

SIGVARIS TRADITIONAL consists of double-covered natural rubber featuring unique pressure stability that has yet to be beaten. Understocking: the foot part is made of a very slippery material (polyamide/double-covered elasthane) no foot slip required, acts as a donning aid at the same time.

SIGVARIS ULCER X – scientifically-proven solution<sup>2</sup>

- ULCER X: 96.2% complete wound closure (compared to 70% for short-stretch bandages)
- Ulcers healed twice as fast with ULCER X as with bandages
- Patients reported less pain and discomfort when using ULCER X

<sup>1</sup> Europäisches Patent EP 1613 256 B1

<sup>2</sup> Mariani, et al.; Treatment of venous legs ulcers with a specifically designed compression stocking kit. Phlebologie, September 2008

# ULCER X

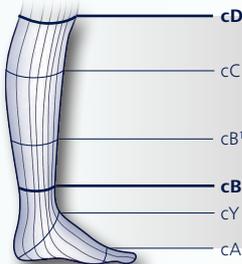


ULCER X Kit	
TRADITIONAL CALF	UNDERLINER
1 piece A-D Calf Compression class 2 Open toe Colour beige Sizes: small, small PLUS, medium, medium PLUS, large, large PLUS	2 pieces Underliners Closed toe Colour beige Sizes: small, medium, large adapted to the required size of the TRADITIONAL calf

Underliners are available separately – packaging consists of 4 Underliners.

## ULCER X measurements

Circumference in cm	small	small PLUS	medium	medium PLUS	large	large PLUS
<b>cD</b>	<b>28–34</b>	<b>32–38</b>	<b>31–37</b>	<b>36–42</b>	<b>34–40</b>	<b>40–46</b>
cC	31–36	35–40	34–39	39–44	37–42	43–48
cB'	24–29	24–29	29–32	29–32	32–36	32–36
<b>cB</b>	<b>19–23</b>	<b>19–23</b>	<b>23–26</b>	<b>23–26</b>	<b>26–29</b>	<b>26–29</b>
cY	28–32	28–32	32–35	32–35	35–38	35–38
cA	19–23	19–23	23–26	23–26	26–29	26–29



Length in cm	
short	33–37
long	38–44

c = circumference  
 ℓ = length

**Material composition:**  
 Traditional calf: 70% polyamide,  
 30% elastodiene  
 Underliners: 62% polyamide, 26%  
 elasthan, 12% cotton

- Wash daily using a laundry bag
- Do not use fabric softener
- Do not place in dryer
- Do not iron
- Do not dry clean

# ULCER X



## ULCER X Kit vs. Bandages

### Time to heal

Healing twice as fast with Ulcer X Kit<sup>1</sup>

### Excellent wound closure

96% of patients treated with Ulcer X Kit<sup>2</sup> vs. 70% of patients treated with bandages

### Quality of life

No night pain, normal footwear

### Save time and money

- 3–4 sets of bandages vs. 1 Ulcer X Kit
- Easy application: Patients can apply ULCER X by themselves
- Continuation of the therapy by wearing the compression stocking to avoid recurrence

<sup>1</sup>For ulcers up to 4 cm in diameter

<sup>2</sup>Mariani et al.; The treatment of venous leg ulcers with a specifically designed compression stocking kit, *Phlebologie* 2008; 37: 191–197



# TRAVENO



## Travel socks for ladies and men

### Your personal travel companion.

TRAVENO is the only travel sock to feature Meryl® Skinlife – the innovative yarn made of breathable microfibres, for maximum comfort. Meryl® Skinlife has a bacteriostatic effect and protects against smells and skin irritation. Gentle pressure promotes circulation to the legs. Taking care of TRAVENO stockings is easy. Wash and wear them – they dry three times faster than wool, due to their innovative material.

### Medically tested.

Studies and recognised doctors confirm the beneficial effect of support and compression stockings, worn during long journeys.

Benefits of TRAVENO:

- intensive support
- reduced swelling
- ideal for long journeys
- breathable and easy care

TRAVENO TRAVEL SOCKS	
	15–18 mmHg
<b>Models</b>	
 A–D Calf	●
<b>Colours</b>	
MARINE	●
ANTHRACITE	●
SAND	●
BLACK	●

SHOE SIZE – CALF					
36–37	38–39	40–41	42–43	44–45	46–47
1	2	3	4	5	6

**Material composition:**  
79% Skinlife (PA), 13% Lycra,  
8%

-  Wash daily using a laundry bag
-  Do not use fabric softener
-  Do not place in dryer
-  Do not iron
-  Do not dry clean

# Additional articles



## Foot slip

Available per piece  
or in a showbox with  
50 foot slips



## Rubber Gloves

- small = 6½ – 7
- medium = 7½ – 8
- large = 8½ – 9

Due to the friction  
SIGVARIS rubber gloves  
create it is much easier  
to put on and remove  
the stockings and  
pantyhose stockings.



## Special Glue «It stays»

«It stays» is a gentle  
roll on body adhesive  
to hold compression  
stockings on legs or  
arms in place.  
This adhesive may be  
used also for the attach-  
ment of orthopedic and  
surgical devices.

Simply roll onto skin and  
press article in place.

«It stays» washes off  
with water, leaving no  
stain.



## SIGVARIS wash- ing solution (SWS)

Quality washing solution for medical compression stockings and pantyhose. SIGVARIS washing solution (SWS) fulfills all the special requirements for the optimum care of medical stockings and may also be used to wash all fine lingerie.



## Clean pad

Disposable pad for regular cleaning of SIGVARIS medical compression stockings silicon grip-tops. Cleans grip-tops from impurities and improves adhesion.

- Contains no alcohol.
- Packing:  
10 pieces in a showbox.

# Taking measurements

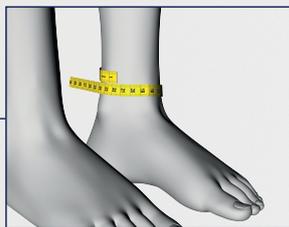
## Standard stockings

### Circumference

#### Calf



cB  
Measure at  
the thinnest part  
at the ankle.



cD  
Measure at head  
of fibula or 2 cm  
below knee.

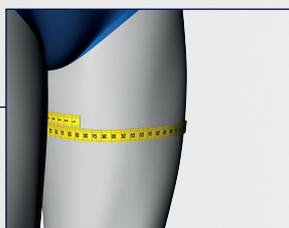


#### Thigh & Pantyhose

additional  
measurements  
to the calf  
measures



cG  
Measure approx.  
5 cm below the  
crotch.



#### When

Take the measurements first thing  
in the morning when possible.

The legs should be free of  
edema/swelling.

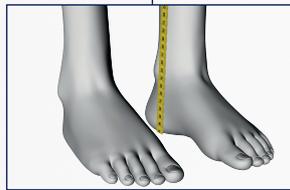
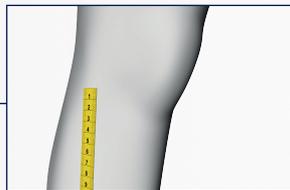
Available as a poster.

# Standard stockings

## Length



$l_D$   
Measure the length  
inside from heel  
to point d.



$l_G$   
Measure the length  
inside from heel  
to point g.



Available as a poster.

# Taking measurements

## Custom-Made stockings

### Circumference

#### Calf



cA  
Measure the circumference of the foot at the head of the metatarsus.



cY  
Measure heel/in step. Foot in maximum dorsal flexure.



cB  
Measure at the thinnest part at the ankle.



cB<sup>1</sup>  
Measure at the beginning of the calf-muscle/ exit of achilles-tendon.



cC  
Measure at the widest circumference of the calf.



cD  
Measure at head of fibula.

#### Thigh

additional measurements to the calf measures



cE  
Measure over the middle of the patella. The knee should be slightly flexed.



cF  
Measure at mid-thigh.



cG  
Measure approx. 5 cm below the crotch.

#### Pantyhose

additional measurements to the calf and thigh measures



cH  
Measure at the biggest circumference of the hip.



cT  
Measure at the waist.

Available as a poster.

# Custom-Made stockings

## Length

### Calf



*l*A Open toe:  
Measure from the head of the metatarsus to the heel.  
*l*Z Closed toe:  
Measure from the tip-toe to the heel.



*l*B  
Measure the length inside from heel to point b.



*l*B1  
Measure the length inside from heel to point b'.



*l*C  
Measure the length inside from heel to point c.



*l*D  
Measure the length inside from heel to point d.

### Thigh

additional measurements to the calf measures



*l*E  
Measure at the straight leg from the heel to point e.



*l*F  
Measure the length inside from heel to point f.



*l*G  
Measure the length inside from heel to point g.

### Pantyhose

additional measurements to the calf and thigh measures



*l*T  
Measure the length from heel to the waist.



*l*K-T Pantyhose section front: Measurement from crotch to waist.

*l*K-T Pantyhose section back: Measurement from bottom-wrinkle to waist.

Available as a poster.

# Indications / contraindications

## Important tips:

- Always wait until the wound has been treated before putting on the SIGVARIS medical compression stocking!
- The SIGVARIS medical compression stocking must never be put on or worn over an open wound!
- Regular checks by a doctor are necessary to maintain the success of the therapy.

Extremely infrequently, compression stockings may produce allergic reactions.

If acute pain or skin irritation occur while wearing the stockings, consult your doctor immediately.

## Indications:

- Functional disorders such as heaviness and fatigue in the legs, without existing varicosis (C0) ♦
- Mild varices with subjective manifestations (small varicose dilatation of the cutaneous veins, reticular varices) (C1–C2) ♦
- Varicosis during pregnancy, without edema (C2) ♦
- Varicosis during pregnancy, with edema (C3) ♦
- Edema in the evening, due to local causes (venous) (C3) ♦
- Primary varicosis with edema (C3) ♦
- Advanced primary varicosis with edema (stem and branch varices) (C3) ♦
- Chronic venous insufficiency (CVI)
  - Grade I\* (C3) ♦ corona phlebectatica  
paraplanaris
  - Grade II\* (C4) ♦ chronic oedema\*\*,  
eczema\*\*, erythema\*\*,  
hypodermatitis\*\*,  
dermatosclerosis, dermite  
ocre, atrophie blanche
  - Grade IIIa\* (C5) ♦ healed ulcus cruris  
(relapse prophylaxis)
- Prophylaxis of thrombosis/embolism
- Thrombophlebitis or varicthrombosis (superficial thrombosis), possibly with oedema
- Thrombophlebitis (deep-vein thrombosis)
- Post-thrombotic oedema with or without secondary follow-up therapy
- To maintain success of therapy:
  - a) after sclerotherapy
  - b) after ambulant selective varicose surgery
  - c) after stripping
- Before sclerotherapy or before surgery to prevent oedema
- Ulcer prevention and ulcer therapy
- Postoperative oedema
- Post-traumatic oedema after completion of basic therapy
- Reversible lymphoedema after complex physical decongestant therapy
- Irreversible lymphoedema with pronounced induration after complex physical decongestant therapy
- Lipoedema grade II and higher
- Cyclic idiopathic oedema
- Congestion caused by immobility (arthrogenic congestion syndrome, paresis and partial paresis of the extremities)
- Angiodysplasia

## Absolute contraindications:

Advanced peripheral arterial occlusive disease, congestive heart failure, septic phlebitis (inflammation of the vein caused by microorganisms), phlegmasia coerulea dolens.

## Relative contraindications:

Oozing dermatoses, intolerance of compression stocking material, sensory loss of the extremity, advanced peripheral neuropathy (e. g. diabetes mellitus), rheumatoid arthritis (RA).

## No liability accepted in case of non-observance of these contraindications.

♦ according to CEAP-classification

\* according to Widmer & Marshall

\*\* after completion of basic therapy

# Pressure values

## Pressure values in the ankle region

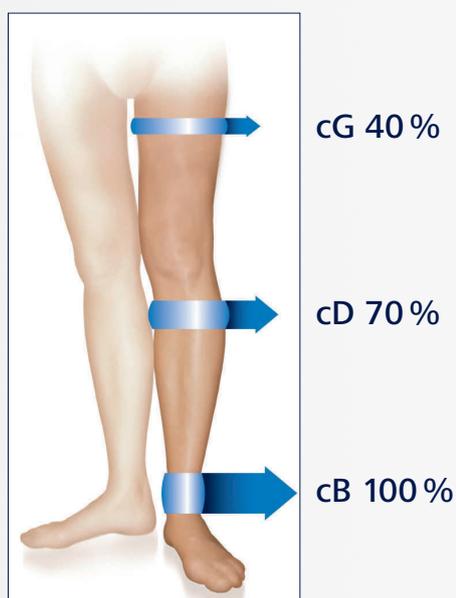
Compression class	Pressure values
1	18–21 mmHg
2	23–32 mmHg
3	34–46 mmHg
4	at least 49 mmHg

## Pressure relations

Compression class	Remaining pressure in % of compression at ankle		
	at measuring point cB <sup>1</sup>	at measuring point cC	at measuring point cF or cG
1	70 to 100	50 to 80	20 to 60
2	70 to 100	50 to 80	20 to 50
3	70 to 100	50 to 70	20 to 40
4	70 to 100	50 to 70	20 to 40

Up to 2 cm greater leg circumference measurements at cC, cF or cG increase the remaining pressure by at most 5%.

The measurement areas and pressure values of our SIGVARIS stockings and pantyhoses are periodically checked according to the Hohenstein method.



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