

A woman with short brown hair, wearing a dark grey sweater and light blue trousers, is sitting on a bed with white linens. She is smiling and looking down at a globe she is holding in her hands. The globe is tilted, showing the continents of Africa and Europe. The background is a bright, clean white space with a blue accent in the top left corner.

BELSANA

BELSANA Phlebology

EXPORT PRODUCT RANGE

BELSANA

BELSANA Medical Products was founded in 1990 as a subsidiary of Kendall Medical Products and has been embedded in an amalgamation of medium-sized companies under the umbrella of INDUS Holding AG since 2000.

BELSANA is nowadays **one of the most prestigious specialist providers in the German pharmacy market.**

Right from the start, the aim was to provide a range of **medical compression stockings** focussing on the individual needs of patients with vein disorders. The range of modern compression stockings from BELSANA has meanwhile become one of the most important lines in the entire market for health aids: Fine qualities, a wide selection of colours, individual made-to-measure solutions and rapid delivery give our customers the best possible support in their endeavour to comply optimally with the requirements of compression therapy.

With **pioneering innovations**, such as compression stockings with micro-fibres (BELSANA microsoft) and lace grip tops or contemporary support and compression stockings with moisturising Aloe vera (BELSANA vivere and BELSANA Vital Edition), BELSANA guarantees high-tech products of the highest quality.

Besides this, the basic programme has been supplemented by interesting **complementary products** over the years. In particular, the attractive and extensive range of **over-the-counter support and travel stockings** ensures customers are offered products of the highest quality in the area of prophylaxis as well.

And what's more, BELSANA has just the right products when it comes to sports. BELSANA sport are knee-high **sports stockings and socks** with active support, ensuring optimal comfort when worn thanks to the fold-free fit and use of special fibres. The active support also helps to boost performance and regenerate rapidly after efforts.

BELSANA compression and support stockings are **made in Germany** in line with the **strictest standards of quality**. The company is therefore certified according to DIN EN ISO 13485, its products bearing the CE mark. The medical compression stockings from BELSANA also correspond to the strictest international quality and test provisions of RAL-GZ 387/1 and 2.

Refined quality management, coupled with the development of new top products and first-class service for our customers, means that the company can grow on a firm and lasting basis.

Please feel free to contact our export team if you have any questions!

Bamberg, January 2011



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BELSANA Quality control

The quality of medical compression stockings contributes significantly not only to wearing comfort but also to medical efficacy. Modern technological innovation ensures the high quality level of our products as documented and certified regularly by independent testing institutes.

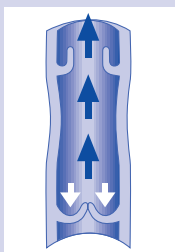
Certification	
<p>RAL Quality Seal</p> 	<p>Our medical compression stockings meet the standards of the RAL-Norm, the strictest norm worldwide for the production of medical compression stockings.</p> <p>The RAL Quality Seal on the packaging of our medical compression stockings guarantees that our products meet this norm.</p> <p>The RAL guidelines are set by the "Gütezeichengemeinschaft" who decides, in cooperation with the "German Society of Phlebology"; the standards (quality and technical specifications) required for the production of medical compression stockings.</p> <p>The independent Hohenstein research institute carries out tests to verify the requirements set by RAL are met and principally on the basis of:</p> <ul style="list-style-type: none"> ■ pressure gradation ■ fibre analysis ■ knitting structure ■ chemical analysis
<p>Öko-Tex Standard 100</p> 	<p>The Öko-Tex Standard 100 is a testing and certification system for textile products. Öko-Tex Standard 100 guarantees that certified products observe strict limits on the use of certain materials and dyes.</p> <p>This certified standard applies to all Belsana compression stockings.</p>
<p>CE compliance with European directives</p> 	<p>The CE marking serves as a "passport" for the Single European Market and allows BELSANA products to circulate freely throughout the European market.</p> <p>It indicates compliance with the requirements for medical products according to the European directive 93/42 EWG and the German law on medical products (MPG).</p>
<p>DIN EN ISO 9001 / DIN EN ISO 13485</p>	<p>Our products meet the highest quality standards and are produced according to the quality management system DIN EN ISO 9001 / DIN EN ISO 13485.</p> <p>This certificate documents process oriented operations and the optimisation of in-house production structures. The continuous improvement of processes is guaranteed by regular external audits.</p>

Medical compression stockings vs. support stockings

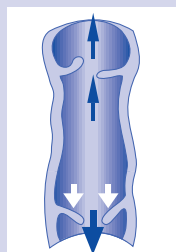
BELSANA products are divided into two categories: Medical compression stockings and support stockings.

Both product categories principally work in the same way: they help the blood in the veins to flow back from the foot to the heart by exerting pressure on the legs. The pressure is the highest in the ankle and decreases in the direction of the heart. This accelerates the return circulation to the heart and the blood circulation in the leg is significantly improved.

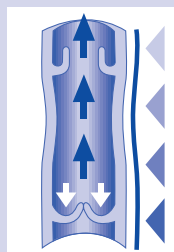
Medical compression stockings	Support stockings
<p>While support stockings can be purchased over the counter, medical compression stockings are generally prescribed by a physician for therapeutic purposes in the case of a venous disease.</p> <p>Medical compression stockings guarantee a precisely defined and appropriate level of pressure on the dilated veins of the legs is exerted and a therapeutic distribution of pressure is achieved. They should be worn on a long-term daily basis.</p> <p>On the basis of his diagnosis, the physician determines the compression class as well as the specific application. The spectrum ranges from knee high stockings to tights, and special designs for men and pregnant women are also available.</p> <p>It is essential to find the most suitable design for each individual to guarantee optimal efficacy.</p> <p>BELSANA medical compression stockings are available in standard sizes as well as made-to-measure. The correct choice is made by taking the precise measurements of the patient's legs.</p>	<p>By contrast, support stockings are worn by healthy persons as a preventive measure against venous problems.</p> <p>They are thinner than compression stockings and the pressure on the leg is not as high as with compression stockings. Nevertheless, they actively support the blood flow in the legs.</p> <p>They are optically indistinguishable from normal stockings and are recommended especially for all activities involving prolonged sitting or standing or during longer flights or car journeys.</p> <div data-bbox="794 1153 1402 1400" style="background-color: #e6e6fa; padding: 10px; border: 1px solid #999;"> <p>i Anti embolism stockings (TED stockings)</p> <p>Both categories should not be mistaken for anti-embolism stockings (also known as TED stockings – Thrombo-Embolitic Deterrent), which are designed for bed-confined patients and aim at preventing thrombo-embolic disease.</p> </div>



The blood is pumped to the heart. The venous valves prevent the blood from flowing back.



If the vein is weak or damaged, the venous valves do not close – the blood drains downwards.



Correctly-dosed pressure has a positive effect on the stretched vein walls and promotes blood flow to the heart.



Taking measurements for medical compression stockings

For a perfect fit and medically proper pressure gradation, it is essential that leg measurements be taken with due care and precision. Perfectly fitting stockings prevent the development of congestion and improve the acceptance by patients of compression therapy.

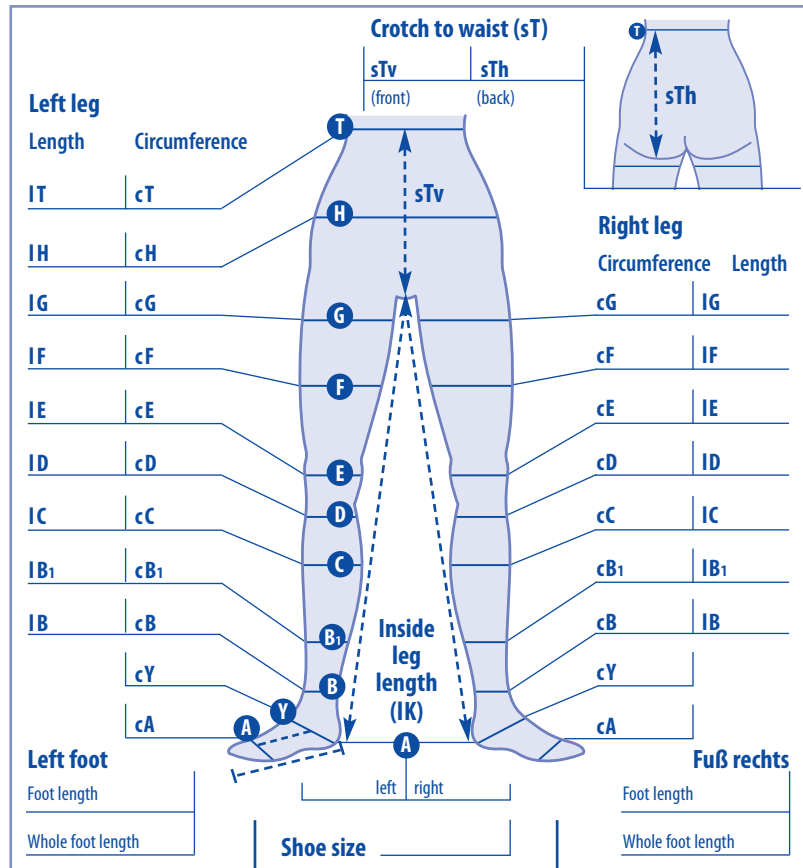
Legs must be free of clothing and free of edema for measurements to be taken (finger pressure test in the ankle area – an indentation will persist after the pressure is relieved in case of edema). The ideal time to take measurements is in the morning or immediately upon the removal of a compression bandage.

The edema-free leg should be measured whilst the patient is in a standing position. The leg that is measured must be the standing leg. If the patient is to be fitted with stockings for both legs, each leg must be measured separately.

The **circumference** should be measured first, whereby the various measuring points of the circumference measurements should be marked using a pen suitable for use on the skin. The **length** can then be measured easily using these marked points.

Measurements should be taken **from the feet upwards**. Each measurement is to be taken at the leg measuring points stipulated in the table.

Measurement diagram (all measurements in cm)



Explanations for measuring points

(in compliance with the most up-to-date German RAL requirements)

Measuring point	Circumference (= c)	Length (= l)
T	cT waist	IT* from heel to circumference cT
		sTv from crotch to cT (front) <small>measured vertically</small>
		sTh from gluteal fold to cT (back)
H	cH hip, circumference of the trunk at its widest point (buttocks)	IH* from heel to circumference cH
		IK/Inside leg from heel to crotch measured on the leg
G	cG no precise stipulation, at top of thigh (2 fingers wide below the crotch)	IG from heel to circumference cG
F	cF no precise stipulation (approx. 15 cm above cE)	IF from heel to circumference cF
E	cE around the knee-cap and hollow of the knee (with knee bent slightly)	IE from heel to circumference cE
D	cD below the knee-cap (2 fingers wide under the hollow of the knee)	ID from heel to circumference cD
C	cC widest calf circumference	IC from heel to circumference cC
B ₁	cB ₁ base of the calf (in the middle of cB and cC)	IB ₁ from heel to circumference cB ₁
B	cB ankle (the slimmest part of the lower leg, smallest leg circumference)	IB from heel to circumference cB
Y	cY heel – instep region (foot should be bent upwards as far as possible)	
A	cA circumference at the base of the little toes	Foot length from heel to circumference cA
		Whole foot length from heel to the tip of the toes

* Press measure tape to the leg at points D and F

Finding the right size

3 steps to the right stocking size:

- 1 ▶ Find in which size the cB measure fits
- 2 ▶ Compare each measure of the patient with each of the other measures of the defined size
- 3 ▶ No discrepancy? Size order!
▶ Discrepancies? Made-to-measure order!

Table of sizes BELSANA classic with cotton

Circumference (cm)						Measuring point		Length (cm)
62–84	67–89	74–98	80–102	85–108	90–110	c T		IT
70–95	77–100	84–116	90–127	98–137	105–148	c H		
42–55	44–58	48–62	50–67	53–73	56–80	c G without grip top	IG A–G / A–T Crotch short 65–74 cm long 74,1–84 cm	
44–53	46–56	50–60	53–64	57–70	61–78	c G with grip top		
38–48	41–51	45–54	46–57	47–60	49–62	c F	IF	
29–39	31–41	33–43	36–46	38–49	40–52	c E		
26–33	28–36	30–39	33–42	35–45	37–48	c D	IE	
28–34,5	30–37	32–40	35–43	37–46	39–49	c C		
23–27	25–29	27–31	29–33	31–36	35–40	c B ₁	ID A–D Shaft short 34–38 cm long 38,1–43 cm	
19–20,5	20,6–22,5	22,6–24,5	24,6–27	27,1–30	30,1–33	c B		
26–30	27–32	29–34	30–37	32–39	33–41	c Y	IC	
19–20,5	20,5–22,5	22,5–24,5	24,5–27	27–30	30–33	c A		
I	II	III	IV	V	VI		IB	IA
							IB	

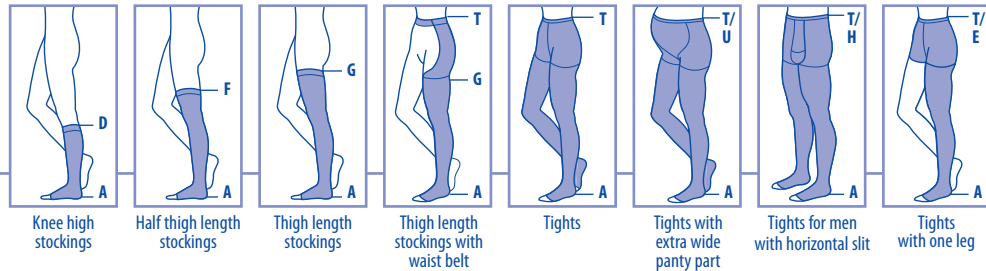
■ closed toe ■ open toe

Short foot (shoe size): 36–40
Long foot (shoe size): 41–45

BELSANA classic with cotton

The robust and skin-friendly compression stockings with high cotton content

- Standard sizes I–VI, and as made-to-measure
- Material: 46 % Polyamide, 31 % Elastane (Lycra), 23 % Cotton



Compression

Class 2	Standard								
	Item number	213401	–	213404	213448	213441	–	–	–
Class 3	Made-to-measure								
	Item number	223401	223403	223404	223448	223441	223443	223446	223445
Class 3	Standard								
	Item number	213501	–	213504	213548	213541	–	–	–
Class 3	Made-to-measure								
	Item number	223501	223503	223504	223548	223541	223543	223546	223545

Standard version	<ul style="list-style-type: none"> ■ open toe ■ 1 pair ■ short foot (shoe size): 36–40 ■ AG without grip top ■ comfort gusset (twin seam at the back) ■ AG/T with belt trap sewn on 												
Leg length	<table border="1"> <tr> <td>A–D</td> <td>Shaft (ID):</td> <td>short (34–38 cm)</td> <td>long (38,1–43 cm)</td> </tr> <tr> <td>A–G and A–T</td> <td>Crotch (IG):</td> <td>short (65–74 cm)</td> <td>long (74,1–84 cm)</td> </tr> <tr> <td></td> <td></td> <td colspan="2">A–G/T long (74,1–84 cm)</td> </tr> </table>	A–D	Shaft (ID):	short (34–38 cm)	long (38,1–43 cm)	A–G and A–T	Crotch (IG):	short (65–74 cm)	long (74,1–84 cm)			A–G/T long (74,1–84 cm)	
A–D	Shaft (ID):	short (34–38 cm)	long (38,1–43 cm)										
A–G and A–T	Crotch (IG):	short (65–74 cm)	long (74,1–84 cm)										
		A–G/T long (74,1–84 cm)											
Colours	<ul style="list-style-type: none"> ■ mode ■ mode bright ■ black ■ white (undyed) 												

Special designs and extras

for standard and made-to-measure:

- closed toe
- long foot (shoe size): 41–45
- A–F and A–G: ■ silicone grip top
- 1 piece (delivery time 1 week)

for made-to-measure only

- A–F and A–G: ■ rubber grip top ■ silicone grip top with “Fleur” motif
- A–D: ■ rubber grip top (3 or 5 cm) ■ silicone grip top (3 or 5 cm)
- A–T: ■ compressive panty part
- reinforced crotch
- tights for men with vertical slit

