



People.Health.Care.

VENOSAN® – flat knit compression stockings

Optimal fit for oedema control.

Made-to-measure flat knit medical compression stockings for the treatment of chronic oedema and lymphoedema.





Flat knit compression stockings from VENOSAN®

Always the right choice.

With the flat knit compression stockings range for lymphatic diseases and oedema, VENOSAN completes its range of compression products. The quick selection, the uncomplicated measuring for the made-to-measure production and the simple use of the right compression product all make life easier.

The goal of the L&R VENOSAN team is to provide clinicians and patients with as much support as possible, so that care can be implemented independently according to the individual's morphology.

We believe that every clinician and patient who are challenged with managing vascular and lymphatic disorders should easily have access to appropriate clinically effective treatment and advice, to feel supported – not only at a moment in time – but for life. We call this **Support for Life** 

Why choose VENOSAN®

- extremely high-quality, custom-fit compression stockings
 - design, fabric and manufacturing
 - RAL-certified
 - Oeko-Tex Standard 100
- a comprehensive range of upper & lower extremity stockings
- 3 types of fabrics – enhanced ability to select the fabric that best suits your patients' needs



VENOSAN® Flat

Choose the fabric that suits your patients' needs.

VENOSAN flat knit compression stockings are manufactured using advanced yarn technology, providing new levels of patient concordance. Manufactured in Europe, to EU standards, VENOSAN offers a range of fabrics and styles providing you with improved ability to select the most suitable stocking for your patient.



The three VENOSAN Flat fabrics – providing you with the choice to prescribe the right product:

VENOSAN®

Soft

Providing patient comfort and concordance with a softer fabric – whilst delivering effective compression:

- extremely soft and durable
- easy to don and doff
- latex-free
- classes 1–3
- low to medium stiffness

VENOSAN®

Pro

Providing the fabric stiffness ideal for containing chronic oedema and lymphoedema, whilst maintaining patient comfort and concordance:

- smooth and durable
- increased containment
- easy to don and doff
- classes 2 and 3
- medium stiffness

VENOSAN®

Strong

Providing patients with the highest in fabric stiffness, ideal for patients who require a high level of containment:

- smooth and durable
- relatively breathable
- highest containment
- latex-free
- classes 3 and 4
- high stiffness

* Ehmann, S.; Bjork, R. (2019) S.T.R.I.D.E. Professional Guide to Compression Garment Selection for the Lower Extremity.
Reich-Schupke, S.; Stücker, M. (2019) Round knit or flat knit compression garments for maintenance therapy of lymphoedema of the leg? – Review of the literature and technical data.

Why is an increased stiffness relevant?

Several studies have demonstrated that the stiffness of compression products plays a major role for their haemodynamic efficacy. Stiffer textiles have short stretch properties with low resting and higher working pressure. It is a crucial factor to predict their effectiveness and tolerability for patients. The greater the stiffness of a fabric, the greater its massaging effect during movement.*



VENOSAN® Flat

When to use which product?

Stiffness	Class 1 18–21 mmHg	Class 2 23–32 mmHg	Class 3 34–46 mmHg	Class 4 > 49 mmHg
Low	Soft 1	Soft 2		
Middle		Pro 2	Soft 3 Pro 3	
High			Strong 3	Strong 4 Strong 4S

The VENOSAN® flat knit range

4 compression classes, 3 fabrics, 1 matching

CLASS 1

VENOSAN®

Soft 1 / 2

- when a soft stocking class 1 or 2 with low stiffness is indicated
- with fragile skin due to age or medication prescribed
- in case of latex allergy or sensibility
- with little or no oedema

CLASS 2

VENOSAN®

Pro 2

- when a class 2 firm stocking with middle stiffness is indicated
- with 'normal' skin and normal class 2 indications
- with some oedema

CLASS 3

VENOSAN®

Soft 3

- when a soft stocking class 3 with middle stiffness is indicated
- with fragile skin due to age or medication prescribed
- with little to moderate oedema
- in case of latex allergy or sensibility



product.

CLASS 4

VENOSAN® Pro 3

- when a class 3 firm stocking with a little more middle stiffness is indicated
- with 'normal' skin and normal class 3 indications
- with moderate oedema

VENOSAN® Strong 3

- when a class 3 stocking with high stiffness is indicated
- serious indications
- standard option: T-heel
- in case of latex allergy or sensibility

VENOSAN® Strong 4/4S

- when a class 4 firm stocking with very high stiffness is indicated
- 'heavy' worker for very serious indications
- standard option: T-heel
- in case of latex allergy or sensibility

VENOSAN® Flat

Compression stockings for lower limbs at a glance.





The custom-made compression products are characterised by special reinforcements and special processing at joints and cuffs.

VENOSAN® Soft

	Class 1 18–21 mmHg	Class 2 23–32 mmHg	Class 3 34–46 mmHg
Colours	 	 	 
Stiffness	Low	Low	Medium

VENOSAN® Pro

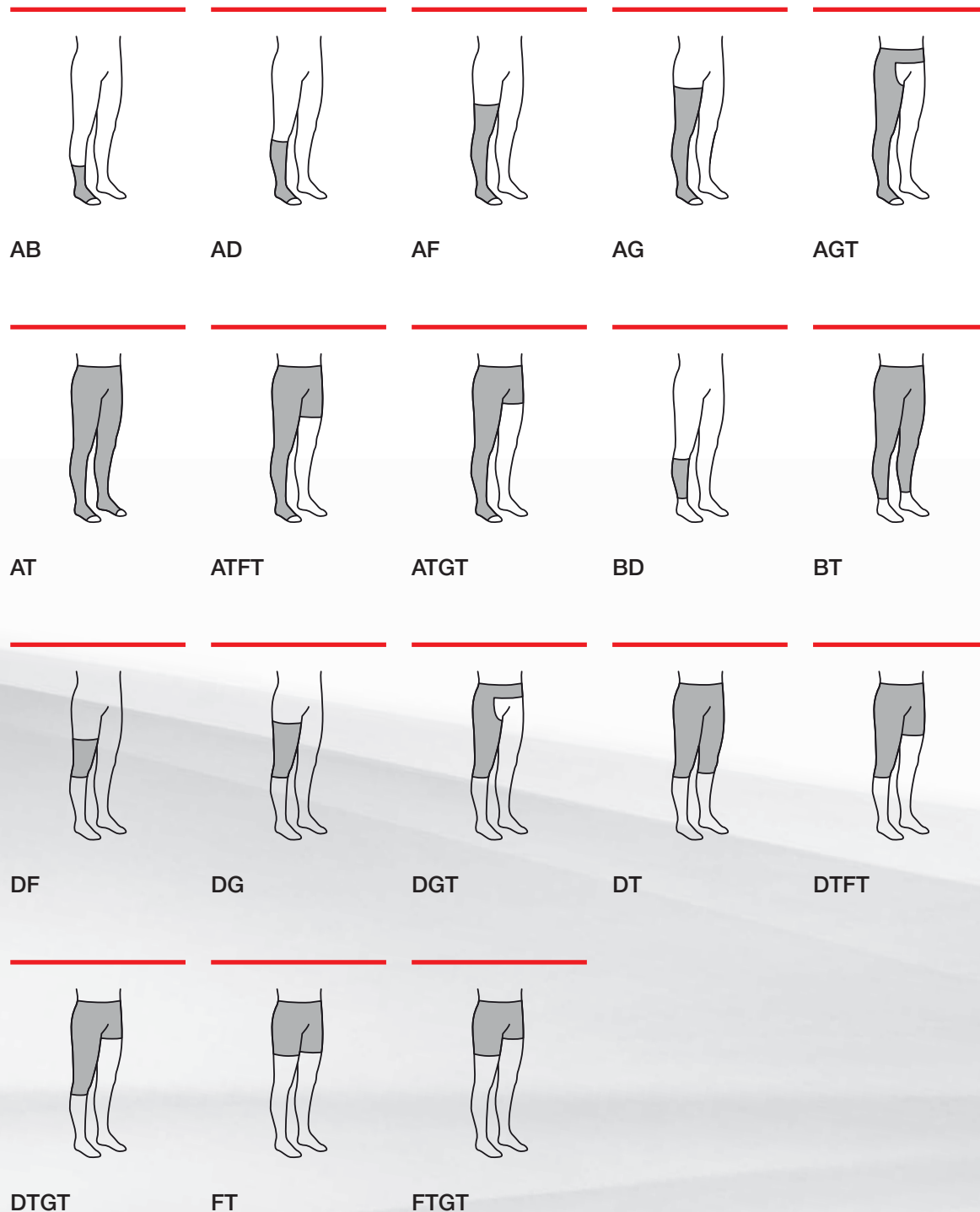
	Class 2 23–32 mmHg	Class 3 34–46 mmHg
Colours	 	 
Stiffness	Medium	Medium

VENOSAN® Strong

	Class 3 34–46 mmHg	Class 4 and 4S > 49 mmHg
Colours		
Stiffness	High	High

VENOSAN® Flat

Model overview for lower limbs.



All models for lower limbs are available for
VENOSAN® Soft, Pro and Strong.



VENOSAN® Flat

Compression stockings for upper limbs at a glance.





Flat cuffs and special processing in the joint areas enhance the wearing comfort.



VENOSAN® Soft

	Class 1 18–21 mmHg	Class 2 23–32 mmHg	Class 3 34–46 mmHg
Colours	 	 	 
Stiffness	Low	Low	Medium

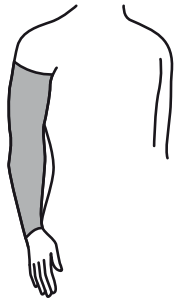
VENOSAN® Pro

	Class 2 23–32 mmHg	Class 3 34–46 mmHg
Colours	 	 
Stiffness	Medium	Medium

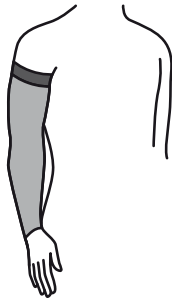


VENOSAN® Flat

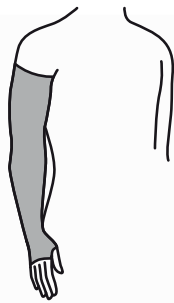
Model overview for upper limbs.



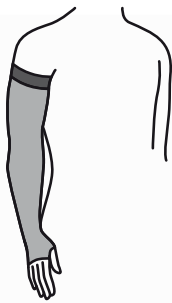
CG



CGH



AG + thumb opener



AGH + thumb opener



AC1 – gauntlet

All models for upper limbs are available for
VENOSAN® Soft and Pro.



People.Health.Care.

Support for Life



We're here to offer support for life. We want to listen, help and empower people to live with their condition and effectively manage their own care.



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