

RELAXSAN®



# RELAXSAN MEDICALE

MEDICAL COMPRESSION STOCKINGS  
LYMPHOEDEMA ARM SLEEVES

RELAXSAN  
MEDICALE

ASSI

## PRODUCT QUALITY

# 100% Made in Italy

The standard features of the textile production process, which includes the employment of selected yarns and effective production methods resulting from long experience in this field, guarantee:

- Elasticity
- 4-way stretch
- Fabric elongation
- Durability
- Comfort and wearability
- Shape-memory effect

A highly-skilled and well-trained staff carefully checks the product during the whole production process:

- Just after the production phase (weaving)
- During and after the product assembly phase (sewing)
- During the vapor ironing
- After the dyeing process
- During the packaging process
- Before dispatching the product

## CERTIFIED QUALITY

# Product and System certificates

- Certified graduated compression in compliance with the officially defined and recognized medical standards, both Italian and international: CE Medical Device, FDA, Oeko-Tex, ISO 9001 and ISO 13485.
- Guaranteed administration of mmHg at ankle.
- Proven efficacy, effective, repetitive, permanent and extended results.
- Anatomical shapes obtained during the production process, which prevent the product from being too much tight on knees and thighs.



## VENOUS INSUFFICIENCY

# Therapeutic dosage program of mmHg

The appropriate and personalized administration of mmHg is both the basic treatment for venous and lymphatic system diseases and an adjuvant to other types of treatment and prophylaxis.

These dosages are measured in mmHg (i.e. value/power of the compression at ankle) and turn into an external compression of veins.

As a result:

- Enlarged veins are compressed until their normal tone and diameter are restored.
- Venous valves are restored to their normal functions and prevent the blood from flowing backwards.
- Venous blood flows more rapidly back to the heart.
- Leg swelling, heaviness and pain decrease.
- Venous blood pressure drops.
- The risk of blood clot formation decreases.

The dosage in mmHg varies according to the clinical manifestation of venous insufficiency and shall be increased in relation to the progressive appearance of symptoms - from swollen ankles to skin blemishes, telangiectasias, superficial or deep thrombophlebitis, and ulcers.

The progression of venous insufficiency is mainly due to lifestyle, sedentariness, dietetic errors, age, and heredity.

RELAXSAN MEDICALE products come in a variety of dosages (i.e. from 15 to 46 mmHg), lengths, and shapes. The application of the most suitable product makes a crucial contribution toward the treatment for venous insufficiency and the slowdown in its progression without any contraindications. Furthermore, it helps to treat venous and lymphatic system diseases.

IS ESSENTIAL TO CHOOSE THE RIGHT SIZE of the garments that patients should wear in order to guarantee the correct administration of mmHg. The size shall be chosen according to the ankle circumference and not to the clothing size.

IF THE SIZE IS WRONG, THE DOSAGE WILL BE UNSUITABLE; as a consequence, the result will not be satisfactory.

## THE RELAXSAN MEDICALE SOLUTION

## Compression Categories

The therapeutic graduated compression stockings are subdivided into compression Classes according to the experimental UNI ENV 12718 European standard depending on the compression strength at the ankles. The therapeutic graduated compression stockings are normally prescribed by specialized physicians who

recommend the most suitable garment and compression for the pathology to be treated.

The 3 different compression classes of the therapeutic RelaxSan Medicale stockings are generally prescribed for the following venous and lower extremity disease:

Clinical Picture	Recommended Compression	Solution
Prophylaxis of venous diseases in risk patients, tired and heavy sensation in the legs, appearance of varicose veins during pregnancy, thrombosis and embolism.	<b>Medium compression</b> CLASS 1 - K1 - 15-21 mmHg* Anti-Embolism AE20 - 18-23 mmHg*	CLASSIC SOFT COTTON ANTI-EMBOLISM
Slight chronic venous insufficiency, thrombophlebitis (superficial thrombosis) with and without oedema, post-sclerotherapy, after selective out-patient treatment of varices and stripping, varicose veins during pregnancy, prophylaxis of thrombosis and embolism.	<b>Moderate compression</b> CLASS 2 - K2 - 23-32 mmHg* Anti-Embolism AE30 - 25-32 mmHg*	CLASSIC SOFT COTTON ANTI-EMBOLISM
Advanced phases of chronic venous insufficiency, after recovery from crural ulcer (prophylaxis of relapse), post-traumatic oedema, and reversible lymphedemas.	<b>Strong compression</b> CLASS 3 - K3 - 34-46 mmHg*	CLASSIC

\*Mentioned compression refers to the ankle and decreases gradually to the groin, 70% on the calf and 40% on the thigh, guaranteeing a right and good blood circulation.

# CLASSIC

Over 20% of the adult population suffer from venous insufficiency and show increasingly severe symptoms, which may include:

- TIRED LEGS AND SWOLLEN ANKLES
- SKIN BLEMISHES
- OEDEMA
- SUPERFICIAL AND DEEP THROMBOPHLEBITIS
- SKIN LESIONS.

In all these cases, the RELAXSAN MEDICALE CLASSIC line is not only a basic treatment for venous hypertension but also an adjuvant to other types of treatment and prophylaxis.



RELAXSAN MEDICALE CLASSIC products come in a variety of lengths and types – normal or short length, closed or open toe – in order to provide patients with

comfort and to guarantee an excellent result. In addition to standard sizes, the manufacturing of made-to-measure articles is also possible.

It is possible to choose the most suitable dosage of mmHg for every patient. Three types of products are available and they all have a high percentage of elastic yarns and exert graduated compression:



Compression	AD	AG	AGH	AG TL/R	AT	ATM	Sizes*	Length		Toe		Colors	Composition
								Normal	Short	Closed	Open		
CLASS 1 - K1 15-21 mmHg	✓	✓	✓	✓	✓	✓	From 1 to 5	Normal	Short	Closed	Open	Beige	75% PA 25% EA
CLASS 2 - K2 23-32 mmHg	✓	✓	✓	✓	✓	✓	From 1 to 5	Normal	Short	Closed	Open	Beige	70% PA 30% EA
CLASS 3 - K3 34-46 mmHg	✓	✓	✓		✓		From 1 to 5	Normal		Closed	Open	Beige	70% PA 30% EA



\*Size Table on the last page



## SOFT

Thanks to its long experience and the employment of modern technology, the company Calze G.T. S.r.l. inserted some soft microfibre in the elastic compression fabric.

This process allowed the company to create RELAXSAN MEDICALE SOFT, a product line that represents the “fashionable solution” in the field of graduated compression stockings.

This product line is particularly intended to meet women’s needs, considering that 80% of them suffer from venous insufficiency.

Indeed, especially young, dynamic, socially active women will appreciate the softness and lightness of RELAXSAN MEDICALE SOFT products, together with their venous disease treatment effectiveness.



Thanks to RELAXSAN MEDICALE SOFT products, women can always have fashionable legs and, even more important, can start taking care of their veins in advance as soon as the first symptoms appear, that is:

- Skin blemishes
- Swollen ankles
- Tired and heavy legs
- Telangiectasias



Compression	AD	AG	AGH	AG TL/R	AT	ATM	Sizes*	Length	Toe		Colors		Composition
CLASS 1 - K1 15-21 mmHg	✓		✓		✓	✓	From 1 to 5	Normal	Closed	Open	Beige	Black	75% PA 25% EA
CLASS 2 - K2 23-32 mmHg	✓		✓		✓	✓	From 1 to 5	Normal	Closed	Open	Beige	Black	73% PA 27% EA



\*Size Table on the last page



# ANTI-EMBOLISM

The blood flows back to the heart thanks to four “pumps”: the foot pump, the calf muscle pump, the thoracic pump, and the cardiac pump. When one or more of these pumps do not work properly, venous blood becomes stagnant in the legs and may cause a considerable reduction in blood circulation speed, tendency to venous thrombosis, and possible thromboembolism. Furthermore, if venous circulation is already damaged due to varicose veins, the risk of thrombosis considerably increases. Indeed, thromboembolism is the third cause of cardiovascular death, after heart attack and stroke.



RELAXSAN MEDICALE ANTI-EMBOLISM prevents the risk of thromboembolism, if you administrate 18-23 mmHg or 25-32 mmHg beforehand. Then, it is possible to continue with a personalized application of RELAXSAN MEDICALE CLASSIC, SOFT, or COTTON products.

RELAXSAN MEDICALE ANTI-EMBOLISM products have an excellent effectiveness because they exert graduated compression on legs and are not too much tight over the ankle.

Compression	AD	AGH	AG TL/R	Sizes*	Length	Toe	Colors			Composition	Packaging	
AE20 STANDARD 18-23 mmHg	✓	✓		From S to XXL	Normal	Open	White	Beige	Black	75% PA 25% EA	Polybag	Box
AE20 PREMIUM 18-23 mmHg	✓	✓	✓	From S to XXL	Normal	Inspect-able	White	Beige	Black	75% PA 25% EA	Polybag	Box
AE30 STANDARD 25-32 mmHg	✓	✓		From S to XXL	Normal	Open	White	Beige	Black	70% PA 30% EA	Polybag	Box

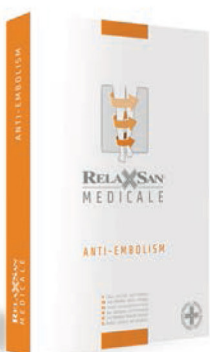
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PACKAGING POLYBAG  
Personalized  
for each product



PACKAGING BOX





# COTTON

The employment of cotton in the manufacturing of the elastic compression supports is an example of “textile solution” studied by the company Calze G.T. in order to offer both maximum benefits and maximum comfort.

Indeed, RELAXSAN MEDICALE COTTON products combine the proven graduated compression features with the typical properties of cotton, that is:

- THERMO-REGULATOR EFFECT
- BREATHABLE EFFECT AT SKIN CONTACT.

Patients who use RELAXSAN MEDICALE COTTON products will certainly appreciate the greater fabric

resistance and the consequent longer durability.

Since the cotton yarns are inside the stockings at skin contact, the textile solution of the company Calze G.T. prevents problems caused by the contact between the skin and synthetic fibres.

Thanks to their **thermo-regulator** and **breathable effect**, RELAXSAN MEDICALE COTTON products **shall also be used in summer**. Indeed, veins tend to swell more in summer than in other seasons because of higher temperatures; as a consequence, greater elastic compression is needed.



Compression	AD	AG	AGH	AG TL/R	AT	ATM	Sizes*	Length	Toe	Colors	Composition	
CLASS 1 - K1 15-21 mmHg	✓*		✓*		✓**	✓**	From 1 to 5	Normal	Closed	Open	Beige, Black	50% CO, 32% PA, 18% EA *
CLASS 2 - K2 23-32 mmHg	✓*		✓*		✓**	✓**	From 1 to 5	Normal	Closed	Open	Beige, Black	35% CO, 48% PA, 17% EA **

\*Size Table on the last page





# CLASSIC ARM SLEEVE

The line of compression arm sleeves provides patients with all the compression and qualitative properties of the RELAXSAN MEDICALE CLASSIC line for lower limbs.

The Relaxsan compression arm sleeves are generally prescribed for the following diseases:

- LYMPHOEDEMA AT AN EARLY STAGE
- SWELLING AFTER BREAST CANCER SURGERY
- TREATMENT FOR BURNS AND WIDE SCARS
- SWELLING AFTER INJURIES OR SURGERY.



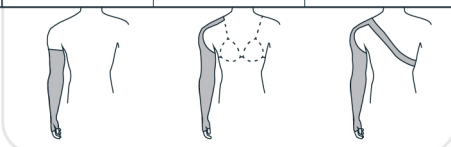
Products are available in the following versions:

- Basic compression arm sleeves with or without hands
- Compression arm sleeves with bra strap hooks, with or without hands
- Compression arm sleeves with adjustable bands, with or without hands.

The available compression for the arm sleeves is 23-32 mmHg - Class 2. Available three sizes from 1-S to 3-L in Beige color.



Compression	BASIC ARM	ARM WITH HOOKS	ARM WITH BANDS	Sizes*	Hands		Colors	Composition		
CLASS 2 - K2 23-32 mmHg	✓	✓	✓	From 1 to 3	BH 	Without hands	ZH 	With hands	Beige	70% PA 30% EA



\*Size Table on the last page





## ACCESSORIES

# Donning Aids

### STOCKING DONNER

DONNING AND DOFFING AID FOR MEDICAL COMPRESSION STOCKINGS. The donning and doffing aid is particularly suitable for people with restricted mobility. It not only simplifies the process of putting on and taking off your medical compression stockings, but also gives you additional peace of mind: by using it, you avoid strenuous bending, and the risk of falling is reduced.



### Calza la Calza

Calza la Calza is the revolutionary stocking applicator that helps all people who can not

wear compression stockings. Is also very useful for the operators that help patients in their dressing.



### Steve Support

Steve is the new way to put-on and remove arm and leg compression stockings. With

Steve you can easily put on and remove all types of stockings - with or without assistance.



### RelaxSan Gloves

Special gloves for easy application of compression stockings. 100% LATEX FREE.

## PACKAGING

# Luxury Package

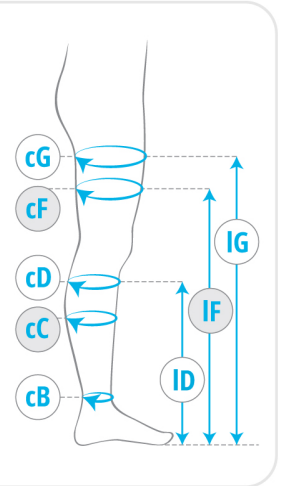
- The Packaging Box have a hole at the top for the application of plastic hooks for hanger.
- Item is packaged in a HD envelope made of recyclable material (plastic), closed with a prestigious silver label.
- Multilanguage user manual in each packaging boxes.
- All articles with open toe are provided with foot slip in silky material.
- The packaging can be customized on the back with printed sticker in any language with information regarding distributor/contacts details.



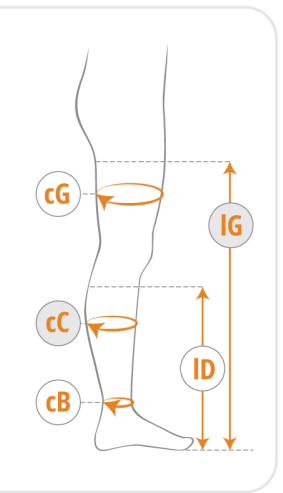
RELAXSAN  
MEDICALE  
CLASSIC

## SIZING SYSTEM

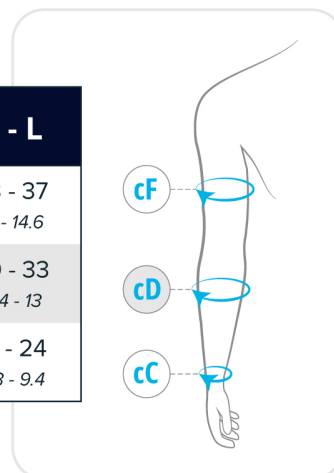
Classic, Soft, Silver, Cotton			1 - S	2 - M	3 - L	4 - XL	5 - XXL
CIRCUMFERENCE	cG	cm in	48 - 56 18,9 - 22	52 - 60 20,5 - 23,6	56 - 64 22 - 25,2	60 - 68 23,6 - 26,8	64 - 72 25,2 - 28,3
	cF	cm in	39 - 44 15,4 - 17,3	43 - 48 16,9 - 18,9	47 - 52 18,5 - 20,5	51 - 56 20,1 - 22	55 - 60 21,7 - 23,6
	cD	cm in	26 - 31 10,2 - 12,2	30 - 35 11,8 - 13,8	34 - 39 13,4 - 15,4	38 - 43 15 - 16,9	42 - 47 16,5 - 18,5
	cC	cm in	29 - 34 11,4 - 13,4	32 - 37 12,6 - 14,6	35 - 40 13,8 - 15,7	38 - 43 15 - 16,9	42 - 47 16,5 - 18,5
	cB	cm in	19 - 21 7,5 - 8,3	21 - 23 8,3 - 9,1	23 - 25 9,1 - 9,8	25 - 27 9,8 - 10,6	27 - 29 10,6 - 11,4
LENGTH Standard sizes	IG	cm in	71 - 72 28 - 28,3	72 - 73 28,3 - 28,7	73 - 74 28,7 - 29,1	74 - 75 29,1 - 29,5	75 - 76 29,5 - 29,9
	IF	cm in	59 - 60 23,2 - 23,6	60 - 61 23,6 - 24	61 - 62 24 - 24,4	62 - 63 24,4 - 24,8	63 - 64 24,8 - 25,2
	ID	cm in	38 - 39 15 - 15,4	39 - 40 15,4 - 15,7	39 - 40 15,4 - 15,7	40 - 41 15,7 - 16,1	40 - 41 15,7 - 16,1
LENGTH Short sizes	IG	cm in	65 - 66 25,6 - 26	66 - 67 26 - 26,4	66 - 67 26 - 26,4	67 - 68 26,4 - 26,8	67 - 68 26,4 - 26,8
	IF	cm in	54 - 55 21,3 - 21,7	55 - 56 21,7 - 22	55 - 56 21,7 - 22	56 - 57 22 - 22,4	56 - 57 22 - 22,4
	ID	cm in	35 - 36 13,8 - 14,2	35 - 36 13,8 - 14,2	36 - 37 14,2 - 14,6	36 - 37 14,2 - 14,6	36 - 37 14,2 - 14,6



Antiembolism			1 - S	2 - M	3 - L	4 - XL	5 - XXL
CIRCUMFERENCE	cG	cm in	47 - 59 18,5 - 23,2	51 - 64 20,1 - 25,2	56 - 69 22 - 27,2	60 - 74 23,6 - 29,1	64 - 77 25,2 - 30,3
	cC	cm in	29 - 36 11,4 - 14,2	32 - 39 12,6 - 15,4	35 - 42 13,8 - 16,5	38 - 45 15 - 17,7	41 - 48 16,1 - 18,9
	cB	cm in	18 - 21 7,1 - 8,3	21 - 24 8,3 - 9,4	24 - 27 9,4 - 10,6	27 - 30 10,6 - 11,8	30 - 33 11,8 - 13
LENGTH	IG	SHORT sizes		65 - 72 cm		25,6 - 28,3 in	
		REGULAR sizes		72 - 79 cm		28,3 - 31,1 in	
		LONG sizes		79 - 86 cm		31,1 - 33,8 in	
	ID	SHORT sizes		35 - 39 cm		13,8 - 15,4 in	
		REGULAR sizes		39 - 43 cm		15,4 - 17 in	
		LONG sizes		43 - 47 cm		17 - 18,5 in	



Arm Sleeve			1 - S	2 - M	3 - L
CIRCUMFERENCE Arm	cF	cm in	25 - 29 9,8 - 11,4	29 - 33 11,4 - 13	33 - 37 13 - 14,6
CIRCUMFERENCE Forearm	cD	cm in	21 - 25 8,3 - 9,8	25 - 29 9,8 - 11,4	29 - 33 11,4 - 13
CIRCUMFERENCE Wrist	cC	cm in	15 - 18 5,9 - 7,1	18 - 21 7,1 - 8,3	21 - 24 8,3 - 9,4





Calze G.T. was founded in 1984, a long tradition in the production of Stockings and Tights. The experience accumulated over the years and the professionalism and textile expertise have given life to the RelaxSan brand, a complete line of Stockings, Tights, Knee Highs with graduated compression for the prevention and treatment of problems relating to the circulation of the legs.

#### ITALIAN QUALITY

RelaxSan products are 100% Made in Italy, products completely designed, manufactured and packed in Italy, to guarantee high quality standards!

MADE IN ITALY



[www.relaxsan.it](http://www.relaxsan.it)

A brand of

